Inhaltsverzeichnis

1. Modul:Unicode data/category 2
2. Modul:Unicode data/category/Doku 55

Modul:Unicode data/category

Unicode General Category data generated by Module:Unicode data/category/make from DerivedGeneralCategory.txt and PropertyValueAliases.txt in the Unicode Character Database. The category Cn (Unassigned) is omitted because it is the default for characters not assigned to another category.

```
return {
	singles = {
		[0x00020] = "Zs",
		[0x00024] = "Sc",
		[0x00028] = "Ps",
		[0x00029] = "Pe",
		[0x0002A] = "Po",
		[0x0002B] = "Sm",
		[0x0002C] = "Po",
		[0x0002D] = "Pd",
		[0x0005B] = "Ps",
		[0x0005C] = "Po",
		[0x0005D] = "Pe",
		[0x0005E] = "Sk",
		[0x0005F] = "Pc",
		[0x00060] = "Sk",
		[0x0007B] = "Ps",
		[0x0007C] = "Sm",
		[0x0007D] = "Pe",
		[0x0007E] = "Sm",
		[0x000A0] = "Zs",
		[0x000A1] = "Po",
		[0x000A6] = "So",
		[0x000A7] = "Po",
		[0x000A8] = "Sk",
		[0x000A9] = "So",
		[0x000AA] = "Lo",
		[0x000AB] = "Pi",
		[0x000AC] = "Sm",
		[0x000AD] = "Cf",
		[0x000AE] = "So",
		[0x000AF] = "Sk",
		[0x000B0] = "So",
		[0x000B1] = "Sm",
		[0x000B4] = "Sk",
		[0x000B5] = "Ll",
		[0x000B8] = "Sk",
		[0x000B9] = "No",
		[0x000BA] = "Lo",
		[0x000BB] = "Pf",
		[0x000BF] = "Po",
		[0x000D7] = "Sm",
		[0x000F7] = "Sm",
		[0x00100] = "Lu",
		[0x00101] = "Ll",
		[0x00102] = "Lu",
		[0x00103] = "Ll",
		[0x00104] = "Lu",
		[0x00105] = "Ll",
		[0x00106] = "Lu",
		[0x00107] = "Ll",
```

```
                [0x00108] = "Lu",
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                [0x0010B] = "Ll",
                [0x0010C] = "Lu",
                [0x0010D] = "Ll",
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                [0x0010F] = "Ll",
                [0x00110] = "Lu",
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                [0x00112] = "Lu",
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                [0x00115] = "Ll",
                [0x00116] = "Lu",
                [0x00117] = "Ll",
                [0x00118] = "Lu",
                [0x00119] = "Ll",
                [0x0011A] = "Lu",
                [0x0011B] = "Ll",
                [0x0011C] = "Lu",
                [0x0011D] = "Ll",
                [0x0011E] = "Lu",
                [0x0011F] = "Ll",
                [0x00120] = "Lu",
                [0x00121] = "Ll",
                [0x00122] = "Lu",
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                [0x00125] = "Ll",
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                [0x00128] = "Lu",
                [0x00129] = "Ll",
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                [0x0012B] = "Ll",
                [0x0012C] = "Lu",
                [0x0012D] = "Ll",
                [0x0012E] = "Lu",
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                [0x00136] = "Lu",
                [0x00139] = "Lu",
                [0x0013A] = "Ll",
                [0x0013B] = "Lu",
                [0x0013C] = "Ll",
                [0x0013D] = "Lu",
                [0x0013E] = "Ll",
                [0x0013F] = "Lu",
                [0x00140] = "Ll",
                [0x00141] = "Lu",
                [0x00142] = "Ll",
                [0x00143] = "Lu",
                [0x00144] = "Ll",
                [0x00145] = "Lu",
                [0x00146] = "Ll",
                [0x00147] = "Lu",
                [0x0014A] = "Lu",
                [0x0014B] = "Ll",
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                [0x0014C] = "Lu",
                [0x0014D] = "Ll",
                [0x0014E] = "Lu",
                [0x0014F] = "Ll",
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                [0x00159] = "Ll",
                [0x0015A] = "Lu",
                [0x0015B] = "Ll",
                [0x0015C] = "Lu",
                [0x0015D] = "Ll",
                [0x0015E] = "Lu",
                [0x0015F] = "Ll",
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                [0x00162] = "Lu",
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                [0x0016B] = "Ll",
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                [0x00173] = "Ll",
                [0x00174] = "Lu",
                [0x00175] = "Ll",
                [0x00176] = "Lu",
                [0x00177] = "Ll",
                [0x0017A] = "Ll",
                [0x0017B] = "Lu",
                [0x0017C] = "Ll",
                [0x0017D] = "Lu",
                [0x00183] = "Ll",
                [0x00184] = "Lu",
                [0x00185] = "Ll",
                [0x00188] = "Ll",
                [0x00192] = "Ll",
                [0x00195] = "Ll",
                [0x0019E] = "Ll",
                [0x001A1] = "Ll",
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                [0x001A3] = "Ll",
                [0x001A4] = "Lu",
                [0x001A5] = "Ll",
                [0x001A8] = "Ll",
                [0x001A9] = "Lu",
                [0x001AC] = "Lu",
                [0x001AD] = "Ll",
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```
                [0x001B0] = "Ll",
                [0x001B4] = "Ll",
                [0x001B5] = "Lu",
                [0x001B6] = "Ll",
                [0x001BB] = "Lo",
                [0x001BC] = "Lu",
                [0x001C4] = "Lu",
                [0x001C5] = "Lt",
                [0x001C6] = "Ll",
                [0x001C7] = "Lu",
                [0x001C8] = "Lt",
                [0x001C9] = "Ll",
                [0x001CA] = "Lu",
                [0x001CB] = "Lt",
                [0x001CC] = "Ll",
                [0x001CD] = "Lu",
                [0x001CE] = "Ll",
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                [0x001DB] = "Lu",
                [0x001DE] = "Lu",
                [0x001DF] = "Ll",
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                [0x001E2] = "Lu",
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                [0x001E4] = "Lu",
                [0x001E5] = "Ll",
                [0x001E6] = "Lu",
                [0x001E7] = "Ll",
                [0x001E8] = "Lu",
                [0x001E9] = "Ll",
                [0x001EA] = "Lu",
                [0x001EB] = "Ll",
                [0x001EC] = "Lu",
                [0x001ED] = "Ll",
                [0x001EE] = "Lu",
                [0x001F1] = "Lu",
                [0x001F2] = "Lt",
                [0x001F3] = "Ll",
                [0x001F4] = "Lu",
                [0x001F5] = "Ll",
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                [0x00201] = "Ll",
                [0x00202] = "Lu",
                [0x00203] = "Ll",
                [0x00204] = "Lu",
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                [0x00205] = "Ll",
                [0x00206] = "Lu",
                [0x00207] = "Ll",
                [0x00208] = "Lu",
                [0x00209] = "Ll",
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                [0x0020B] = "Ll",
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                [0x00211] = "Ll",
                [0x00212] = "Lu",
                [0x00213] = "Ll",
                [0x00214] = "Lu",
                [0x00215] = "Ll",
                [0x00216] = "Lu",
                [0x00217] = "Ll",
                [0x00218] = "Lu",
                [0x00219] = "Ll",
                [0x0021A] = "Lu",
                [0x0021B] = "Ll",
                [0x0021C] = "Lu",
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                [0x00231] = "Ll",
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                [0x00241] = "Lu",
                [0x00242] = "Ll",
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                [0x00248] = "Lu",
                [0x00249] = "Ll",
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                [0x0024B] = "Ll",
                [0x0024C] = "Lu",
                [0x0024D] = "Ll",
                [0x0024E] = "Lu",
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                [0x002EE] = "Lm",
                [0x00370] = "Lu",
                [0x00371] = "Ll",
                [0x00372] = "Lu",
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```
                [0x00373] = "Ll",
                [0x00374] = "Lm",
                [0x00375] = "Sk",
                [0x00376] = "Lu",
                [0x00377] = "Ll",
                [0x0037A] = "Lm",
                [0x0037E] = "Po",
                [0x0037F] = "Lu",
                [0x00386] = "Lu",
                [0x00387] = "Po",
                [0x0038C] = "Lu",
                [0x00390] = "Ll",
                [0x003CF] = "Lu",
                [0x003D8] = "Lu",
                [0x003D9] = "Ll",
                [0x003DA] = "Lu",
                [0x003DB] = "Ll",
                [0x003DC] = "Lu",
                [0x003DD] = "Ll",
                [0x003DE] = "Lu",
                [0x003DF] = "Ll",
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                [0x003E1] = "Ll",
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                [0x003E3] = "Ll",
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                [0x003E8] = "Lu",
                [0x003E9] = "Ll",
                [0x003EA] = "Lu",
                [0x003EB] = "Ll",
                [0x003EC] = "Lu",
                [0x003ED] = "Ll",
                [0x003EE] = "Lu",
                [0x003F4] = "Lu",
                [0x003F5] = "Ll",
                [0x003F6] = "Sm",
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                [0x00462] = "Lu",
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                [0x00465] = "Ll",
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                [0x00468] = "Lu",
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                [0x0046C] = "Lu",
                [0x0046D] = "Ll",
                [0x0046E] = "Lu",
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                [0x00472] = "Lu",
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                [0x00476] = "Lu",
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                [0x00477] = "Ll",
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                [0x0047E] = "Lu",
                [0x0047F] = "Ll",
                [0x00480] = "Lu",
                [0x00481] = "Ll",
                [0x00482] = "So",
                [0x0048A] = "Lu",
                [0x0048B] = "Ll",
                [0x0048C] = "Lu",
                [0x0048D] = "Ll",
                [0x0048E] = "Lu",
                [0x0048F] = "Ll",
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                [0x004BB] = "Ll",
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                [0x004BD] = "Ll",
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```
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                [0x004C7] = "Lu",
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                [0x004C9] = "Lu",
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                [0x004FE] = "Lu",
                [0x004FF] = "Ll",
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                [0x00501] = "Ll",
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                [0x00509] = "Ll",
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                [0x0050B] = "Ll",
                [0x0050C] = "Lu",
                [0x0050D] = "Ll",
                [0x0050E] = "Lu",
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                [0x0051C] = "Lu",
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                [0x0052B] = "Ll",
                [0x0052C] = "Lu",
                [0x0052D] = "Ll",
                [0x0052E] = "Lu",
                [0x0052F] = "Ll",
                [0x00559] = "Lm",
                [0x00589] = "Po",
                [0x0058A] = "Pd",
                [0x0058F] = "Sc",
                [0x005BE] = "Pd",
                [0x005BF] = "Mn",
                [0x005C0] = "Po",
                [0x005C3] = "Po",
                [0x005C6] = "Po",
                [0x005C7] = "Mn",
                [0x0060B] = "Sc",
                [0x0061B] = "Po",
                [0x0061C] = "Cf",
                [0x00640] = "Lm",
                [0x00670] = "Mn",
                [0x006D4] = "Po",
                [0x006D5] = "Lo",
                [0x006DD] = "Cf",
```

```
                [0x006DE] = "So",
                [0x006E9] = "So",
                [0x006FF] = "Lo",
                [0x0070F] = "Cf",
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                [0x00711] = "Mn",
                [0x007B1] = "Lo",
                [0x007F6] = "So",
                [0x007FA] = "Lm",
                [0x007FD] = "Mn",
                [0x0081A] = "Lm",
                [0x00824] = "Lm",
                [0x00828] = "Lm",
                [0x0085E] = "Po",
                [0x00888] = "Sk",
                [0x008C9] = "Lm",
                [0x008E2] = "Cf",
                [0x00903] = "Mc",
                [0x0093A] = "Mn",
                [0x0093B] = "Mc",
                [0x0093C] = "Mn",
                [0x0093D] = "Lo",
                [0x0094D] = "Mn",
                [0x00950] = "Lo",
                [0x00970] = "Po",
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                [0x00981] = "Mn",
                [0x009B2] = "Lo",
                [0x009BC] = "Mn",
                [0x009BD] = "Lo",
                [0x009CD] = "Mn",
                [0x009CE] = "Lo",
                [0x009D7] = "Mc",
                [0x009FA] = "So",
                [0x009FB] = "Sc",
                [0x009FC] = "Lo",
                [0x009FD] = "Po",
                [0x009FE] = "Mn",
                [0x00A03] = "Mc",
                [0x00A3C] = "Mn",
                [0x00A51] = "Mn",
                [0x00A5E] = "Lo",
                [0x00A75] = "Mn",
                [0x00A76] = "Po",
                [0x00A83] = "Mc",
                [0x00ABC] = "Mn",
                [0x00ABD] = "Lo",
                [0x00AC9] = "Mc",
                [0x00ACD] = "Mn",
                [0x00AD0] = "Lo",
                [0x00AF0] = "Po",
                [0x00AF1] = "Sc",
                [0x00AF9] = "Lo",
                [0x00B01] = "Mn",
                [0x00B3C] = "Mn",
                [0x00B3D] = "Lo",
                [0x00B3E] = "Mc",
                [0x00B3F] = "Mn",
                [0x00B40] = "Mc",
                [0x00B4D] = "Mn",
                [0x00B57] = "Mc",
                [0x00B70] = "So",
                [0x00B71] = "Lo",
                [0x00B82] = "Mn",
```

```
                [0x00B83] = "Lo",
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                [0x00BCD] = "Mn",
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                [0x00BD7] = "Mc",
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                [0x00C04] = "Mn",
                [0x00C3C] = "Mn",
                [0x00C3D] = "Lo",
                [0x00C5D] = "Lo",
                [0x00C77] = "Po",
                [0x00C7F] = "So",
                [0x00C80] = "Lo",
                [0x00C81] = "Mn",
                [0x00C84] = "Po",
                [0x00CBC] = "Mn",
                [0x00CBD] = "Lo",
                [0x00CBE] = "Mc",
                [0x00CBF] = "Mn",
                [0x00CC6] = "Mn",
                [0x00D3D] = "Lo",
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                [0x00D4F] = "So",
                [0x00D57] = "Mc",
                [0x00D79] = "So",
                [0x00D81] = "Mn",
                [0x00DBD] = "Lo",
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                [0x00DD6] = "Mn",
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                [0x00E4F] = "Po",
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                [0x00EBD] = "Lo",
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                [0x00F34] = "So",
                [0x00F35] = "Mn",
                [0x00F36] = "So",
                [0x00F37] = "Mn",
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                [0x00F7F] = "Mc",
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                [0x00FC6] = "Mn",
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```
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                [0x01258] = "Lo",
                [0x012C0] = "Lo",
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                [0x0166D] = "So",
                [0x0166E] = "Po",
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                [0x0169C] = "Pe",
                [0x01715] = "Mc",
                [0x01734] = "Mc",
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                [0x017C6] = "Mn",
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                [0x017DB] = "Sc",
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```
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                [0x01E8F] = "Ll",
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                [0x01E93] = "Ll",
                [0x01E94] = "Lu",
                [0x01E9E] = "Lu",
                [0x01E9F] = "Ll",
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                [0x01EA3] = "Ll",
                [0x01EA4] = "Lu",
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                [0x01EAF] = "Ll",
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                [0x01EB1] = "Ll",
                [0x01EB2] = "Lu",
                [0x01EB3] = "Ll",
                [0x01EB4] = "Lu",
                [0x01EB5] = "Ll",
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                [0x01EC6] = "Lu",
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```

```
                [0x01ECA] = "Lu",
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                [0x01ED1] = "Ll",
                [0x01ED2] = "Lu",
                [0x01ED3] = "Ll",
                [0x01ED4] = "Lu",
                [0x01ED5] = "Ll",
                [0x01ED6] = "Lu",
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                [0x01ED8] = "Lu",
                [0x01ED9] = "Ll",
                [0x01EDA] = "Lu",
                [0x01EDB] = "Ll",
                [0x01EDC] = "Lu",
                [0x01EDD] = "Ll",
                [0x01EDE] = "Lu",
                [0x01EDF] = "Ll",
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                [0x01EE1] = "Ll",
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                [0x01EE6] = "Lu",
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                [0x01EE9] = "Ll",
                [0x01EEA] = "Lu",
                [0x01EEB] = "Ll",
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                [0x01F5F] = "Lu",
                [0x01FBC] = "Lt",
                [0x01FBD] = "Sk",
                [0x01FBE] = "Ll",
                [0x01FCC] = "Lt",
                [0x01FFC] = "Lt",
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                [0x02019] = "Pf",
```

```
                [0x0201A] = "Ps",
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                [0x02054] = "Pc",
                [0x0205F] = "Zs",
                [0x02070] = "No",
                [0x02071] = "Lm",
                [0x0207D] = "Ps",
                [0x0207E] = "Pe",
                [0x0207F] = "Lm",
                [0x0208D] = "Ps",
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                [0x02107] = "Lu",
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```
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	[0x027E9] = "Pe",
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                [0x02CA1] = "Ll",
                [0x02CA2] = "Lu",
                [0x02CA3] = "Ll",
                [0x02CA4] = "Lu",
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                [0x02CA9] = "Ll",
                [0x02CAA] = "Lu",
                [0x02CAB] = "Ll",
                [0x02CAC] = "Lu",
                [0x02CAD] = "Ll",
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                [0x02CAF] = "Ll",
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                [0x02CBA] = "Lu",
                [0x02CBB] = "Ll",
                [0x02CBC] = "Lu",
                [0x02CBD] = "Ll",
```

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                [0x02CBE] = "Lu",
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                [0x02CC0] = "Lu",
                [0x02CC1] = "Ll",
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                [0x02CC5] = "Ll",
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                [0x02CC7] = "Ll",
                [0x02CC8] = "Lu",
                [0x02CC9] = "Ll",
                [0x02CCA] = "Lu",
                [0x02CCB] = "Ll",
                [0x02CCC] = "Lu",
                [0x02CCD] = "Ll",
                [0x02CCE] = "Lu",
                [0x02CCF] = "Ll",
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                [0x02CD9] = "Ll",
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                [0x02CDB] = "Ll",
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                [0x02CDE] = "Lu",
                [0x02CDF] = "Ll",
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                [0x02CEE] = "Ll",
                [0x02CF2] = "Lu",
                [0x02CF3] = "Ll",
                [0x02CFD] = "No",
                [0x02D27] = "Ll",
                [0x02D2D] = "Ll",
                [0x02D6F] = "Lm",
                [0x02D70] = "Po",
                [0x02D7F] = "Mn",
                [0x02E02] = "Pi",
                [0x02E03] = "Pf",
                [0x02E04] = "Pi",
                [0x02E05] = "Pf",
                [0x02E09] = "Pi",
                [0x02E0A] = "Pf",
                [0x02E0B] = "Po",
                [0x02E0C] = "Pi",
                [0x02E0D] = "Pf",
                [0x02E17] = "Pd",
                [0x02E1A] = "Pd",
                [0x02E1B] = "Po",
                [0x02E1C] = "Pi",
                [0x02E1D] = "Pf",
                [0x02E20] = "Pi",
```

```
                [0x02E21] = "Pf",
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                [0x02E24] = "Ps",
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                [0x02E27] = "Pe",
                [0x02E28] = "Ps",
                [0x02E29] = "Pe",
                [0x02E2F] = "Lm",
                [0x02E40] = "Pd",
                [0x02E41] = "Po",
                [0x02E42] = "Ps",
                [0x02E55] = "Ps",
                [0x02E56] = "Pe",
                [0x02E57] = "Ps",
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                [0x02E5B] = "Ps",
                [0x02E5C] = "Pe",
                [0x02E5D] = "Pd",
                [0x03000] = "Zs",
                [0x03004] = "So",
                [0x03005] = "Lm",
                [0x03006] = "Lo",
                [0x03007] = "Nl",
                [0x03008] = "Ps",
                [0x03009] = "Pe",
                [0x0300A] = "Ps",
                [0x0300B] = "Pe",
                [0x0300C] = "Ps",
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                [0x0301A] = "Ps",
                [0x0301B] = "Pe",
                [0x0301C] = "Pd",
                [0x0301D] = "Ps",
                [0x03020] = "So",
                [0x03030] = "Pd",
                [0x0303B] = "Lm",
                [0x0303C] = "Lo",
                [0x0303D] = "Po",
                [0x0309F] = "Lo",
                [0x030A0] = "Pd",
                [0x030FB] = "Po",
                [0x030FF] = "Lo",
                [0x03250] = "So",
                [0x0A015] = "Lm",
                [0x0A60C] = "Lm",
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                [0x0A641] = "Ll",
                [0x0A642] = "Lu",
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```

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                [0x0A645] = "Ll",
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                [0x0A665] = "Ll",
                [0x0A666] = "Lu",
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                [0x0A66A] = "Lu",
                [0x0A66B] = "Ll",
                [0x0A66C] = "Lu",
                [0x0A66D] = "Ll",
                [0x0A66E] = "Lo",
                [0x0A66F] = "Mn",
                [0x0A673] = "Po",
                [0x0A67E] = "Po",
                [0x0A67F] = "Lm",
                [0x0A680] = "Lu",
                [0x0A681] = "Ll",
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                [0x0A68B] = "Ll",
                [0x0A68C] = "Lu",
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                [0x0A68E] = "Lu",
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                [0x0A691] = "Ll",
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                [0x0A692] = "Lu",
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                [0x0A69B] = "Ll",
                [0x0A722] = "Lu",
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                [0x0A724] = "Lu",
                [0x0A725] = "Ll",
                [0x0A726] = "Lu",
                [0x0A727] = "Ll",
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                [0x0A729] = "Ll",
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                [0x0A72E] = "Lu",
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                [0x0A734] = "Lu",
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                [0x0A736] = "Lu",
                [0x0A737] = "Ll",
                [0x0A738] = "Lu",
                [0x0A739] = "Ll",
                [0x0A73A] = "Lu",
                [0x0A73B] = "Ll",
                [0x0A73C] = "Lu",
                [0x0A73D] = "Ll",
                [0x0A73E] = "Lu",
                [0x0A73F] = "Ll",
                [0x0A740] = "Lu",
                [0x0A741] = "Ll",
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                [0x0A74E] = "Lu",
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                [0x0A757] = "Ll",
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```
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                [0x0A761] = "Ll",
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                [0x0A766] = "Lu",
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                [0x0A76B] = "Ll",
                [0x0A76C] = "Lu",
                [0x0A76D] = "Ll",
                [0x0A76E] = "Lu",
                [0x0A76F] = "Ll",
                [0x0A770] = "Lm",
                [0x0A779] = "Lu",
                [0x0A77A] = "Ll",
                [0x0A77B] = "Lu",
                [0x0A77C] = "Ll",
                [0x0A77F] = "Ll",
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                [0x0A781] = "Ll",
                [0x0A782] = "Lu",
                [0x0A783] = "Ll",
                [0x0A784] = "Lu",
                [0x0A785] = "Ll",
                [0x0A786] = "Lu",
                [0x0A787] = "Ll",
                [0x0A788] = "Lm",
                [0x0A78B] = "Lu",
                [0x0A78C] = "Ll",
                [0x0A78D] = "Lu",
                [0x0A78E] = "Ll",
                [0x0A78F] = "Lo",
                [0x0A790] = "Lu",
                [0x0A791] = "Ll",
                [0x0A792] = "Lu",
                [0x0A796] = "Lu",
                [0x0A797] = "Ll",
                [0x0A798] = "Lu",
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                [0x0A79D] = "Ll",
                [0x0A79E] = "Lu",
                [0x0A79F] = "Ll",
                [0x0A7A0] = "Lu",
                [0x0A7A1] = "Ll",
                [0x0A7A2] = "Lu",
                [0x0A7A3] = "Ll",
                [0x0A7A4] = "Lu",
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                [0x0A7A6] = "Lu",
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                [0x0A7A8] = "Lu",
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```
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                [0x0A7B8] = "Lu",
                [0x0A7B9] = "Ll",
                [0x0A7BA] = "Lu",
                [0x0A7BB] = "Ll",
                [0x0A7BC] = "Lu",
                [0x0A7BD] = "Ll",
                [0x0A7BE] = "Lu",
                [0x0A7BF] = "Ll",
                [0x0A7C0] = "Lu",
                [0x0A7C1] = "Ll",
                [0x0A7C2] = "Lu",
                [0x0A7C3] = "Ll",
                [0x0A7C8] = "Ll",
                [0x0A7C9] = "Lu",
                [0x0A7CA] = "Ll",
                [0x0A7D0] = "Lu",
                [0x0A7D1] = "Ll",
                [0x0A7D3] = "Ll",
                [0x0A7D5] = "Ll",
                [0x0A7D6] = "Lu",
                [0x0A7D7] = "Ll",
                [0x0A7D8] = "Lu",
                [0x0A7D9] = "Ll",
                [0x0A7F5] = "Lu",
                [0x0A7F6] = "Ll",
                [0x0A7F7] = "Lo",
                [0x0A7FA] = "Ll",
                [0x0A802] = "Mn",
                [0x0A806] = "Mn",
                [0x0A80B] = "Mn",
                [0x0A827] = "Mc",
                [0x0A82C] = "Mn",
                [0x0A838] = "Sc",
                [0x0A839] = "So",
                [0x0A8FB] = "Lo",
                [0x0A8FC] = "Po",
                [0x0A8FF] = "Mn",
                [0x0A95F] = "Po",
                [0x0A983] = "Mc",
                [0x0A9B3] = "Mn",
                [0x0A9CF] = "Lm",
                [0x0A9E5] = "Mn",
                [0x0A9E6] = "Lm",
                [0x0AA43] = "Mn",
                [0x0AA4C] = "Mn",
                [0x0AA4D] = "Mc",
                [0x0AA70] = "Lm",
                [0x0AA7A] = "Lo",
                [0x0AA7B] = "Mc",
                [0x0AA7C] = "Mn",
                [0x0AA7D] = "Mc",
                [0x0AAB0] = "Mn",
                [0x0AAB1] = "Lo",
                [0x0AAC0] = "Lo",
                [0x0AAC1] = "Mn",
                [0x0AAC2] = "Lo",
                [0x0AADD] = "Lm",
                [0x0AAEB] = "Mc",
                [0x0AAF2] = "Lo",
                [0x0AAF5] = "Mc",
```

```
                [0x0AAF6] = "Mn",
                [0x0AB5B] = "Sk",
                [0x0AB69] = "Lm",
                [0x0ABE5] = "Mn",
                [0x0ABE8] = "Mn",
                [0x0ABEB] = "Po",
                [0x0ABEC] = "Mc",
                [0x0ABED] = "Mn",
                [0x0FB1D] = "Lo",
                [0x0FB1E] = "Mn",
                [0x0FB29] = "Sm",
                [0x0FB3E] = "Lo",
                [0x0FD3E] = "Pe",
                [0x0FD3F] = "Ps",
                [0x0FDCF] = "So",
                [0x0FDFC] = "Sc",
                [0x0FE17] = "Ps",
                [0x0FE18] = "Pe",
                [0x0FE19] = "Po",
                [0x0FE30] = "Po",
                [0x0FE35] = "Ps",
                [0x0FE36] = "Pe",
                [0x0FE37] = "Ps",
                [0x0FE38] = "Pe",
                [0x0FE39] = "Ps",
                [0x0FE3A] = "Pe",
                [0x0FE3B] = "Ps",
                [0x0FE3C] = "Pe",
                [0x0FE3D] = "Ps",
                [0x0FE3E] = "Pe",
                [0x0FE3F] = "Ps",
                [0x0FE40] = "Pe",
                [0x0FE41] = "Ps",
                [0x0FE42] = "Pe",
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                [0x0FE44] = "Pe",
                [0x0FE47] = "Ps",
                [0x0FE48] = "Pe",
                [0x0FE58] = "Pd",
                [0x0FE59] = "Ps",
                [0x0FE5A] = "Pe",
                [0x0FE5B] = "Ps",
                [0x0FE5C] = "Pe",
                [0x0FE5D] = "Ps",
                [0x0FE5E] = "Pe",
                [0x0FE62] = "Sm",
                [0x0FE63] = "Pd",
                [0x0FE68] = "Po",
                [0x0FE69] = "Sc",
                [0x0FEFF] = "Cf",
                [0x0FF04] = "Sc",
                [0x0FF08] = "Ps",
                [0x0FF09] = "Pe",
                [0x0FF0A] = "Po",
                [0x0FF0B] = "Sm",
                [0x0FF0C] = "Po",
                [0x0FF0D] = "Pd",
                [0x0FF3B] = "Ps",
                [0x0FF3C] = "Po",
                [0x0FF3D] = "Pe",
                [0x0FF3E] = "Sk",
                [0x0FF3F] = "Pc",
                [0x0FF40] = "Sk",
                [0x0FF5B] = "Ps",
```

```
	[0x0FF5C] = "Sm",
	[0x0FF5D] = "Pe",
	[0x0FF5E] = "Sm",
	[0x0FF5F] = "Ps",
	[0x0FF60] = "Pe",
	[0x0FF61] = "Po",
	[0x0FF62] = "Ps",
	[0x0FF63] = "Pe",
	[0x0FF70] = "Lm",
	[0x0FFE2] = "Sm",
	[0x0FFE3] = "Sk",
	[0x0FFE4] = "So",
	[0x0FFE8] = "So",
	[0x101A0] = "So",
	[0x101FD] = "Mn",
	[0x102E0] = "Mn",
	[0x10341] = "Nl",
	[0x1034A] = "Nl",
	[0x1039F] = "Po",
	[0x103D0] = "Po",
	[0x1056F] = "Po",
	[0x10808] = "Lo",
	[0x1083C] = "Lo",
	[0x10857] = "Po",
	[0x1091F] = "Po",
	[0x1093F] = "Po",
	[0x10A00] = "Lo",
	[0x10A3F] = "Mn",
	[0x10A7F] = "Po",
	[0x10AC8] = "So",
	[0x10EAD] = "Pd",
	[0x10F27] = "Lo",
	[0x11000] = "Mc",
	[0x11001] = "Mn",
	[0x11002] = "Mc",
	[0x11070] = "Mn",
	[0x11075] = "Lo",
	[0x11082] = "Mc",
	[0x110BD] = "Cf",
	[0x110C2] = "Mn",
	[0x110CD] = "Cf",
	[0x1112C] = "Mc",
	[0x11144] = "Lo",
	[0x11147] = "Lo",
	[0x11173] = "Mn",
	[0x11176] = "Lo",
	[0x11182] = "Mc",
	[0x111CD] = "Po",
	[0x111CE] = "Mc",
	[0x111CF] = "Mn",
	[0x111DA] = "Lo",
	[0x111DB] = "Po",
	[0x111DC] = "Lo",
	[0x11234] = "Mn",
	[0x11235] = "Mc",
	[0x1123E] = "Mn",
	[0x11288] = "Lo",
	[0x112A9] = "Po",
	[0x112DF] = "Mn",
	[0x1133D] = "Lo",
	[0x11340] = "Mn",
	[0x11350] = "Lo",
	[0x11357] = "Mc",
	[0x11445] = "Mc",
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```
                [0x11446] = "Mn",
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                [0x1145E] = "Mn",
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                [0x114BA] = "Mn",
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                [0x114C7] = "Lo",
                [0x115BE] = "Mc",
                [0x1163D] = "Mn",
                [0x1163E] = "Mc",
                [0x11644] = "Lo",
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                [0x116AC] = "Mc",
                [0x116AD] = "Mn",
                [0x116B6] = "Mc",
                [0x116B7] = "Mn",
                [0x116B8] = "Lo",
                [0x116B9] = "Po",
                [0x11726] = "Mc",
                [0x1173F] = "So",
                [0x11838] = "Mc",
                [0x1183B] = "Po",
                [0x11909] = "Lo",
                [0x1193D] = "Mc",
                [0x1193E] = "Mn",
                [0x1193F] = "Lo",
                [0x11940] = "Mc",
                [0x11941] = "Lo",
                [0x11942] = "Mc",
                [0x11943] = "Mn",
                [0x119E0] = "Mn",
                [0x119E1] = "Lo",
                [0x119E2] = "Po",
                [0x119E3] = "Lo",
                [0x119E4] = "Mc",
                [0x11A00] = "Lo",
                [0x11A39] = "Mc",
                [0x11A3A] = "Lo",
                [0x11A47] = "Mn",
                [0x11A50] = "Lo",
                [0x11A97] = "Mc",
                [0x11A9D] = "Lo",
                [0x11C2F] = "Mc",
                [0x11C3E] = "Mc",
                [0x11C3F] = "Mn",
                [0x11C40] = "Lo",
                [0x11CA9] = "Mc",
                [0x11CB1] = "Mc",
                [0x11CB4] = "Mc",
                [0x11D3A] = "Mn",
                [0x11D46] = "Lo",
                [0x11D47] = "Mn",
                [0x11D95] = "Mn",
                [0x11D96] = "Mc",
                [0x11D97] = "Mn",
                [0x11D98] = "Lo",
                [0x11FB0] = "Lo",
                [0x11FFF] = "Po",
                [0x16AF5] = "Po",
                [0x16B44] = "Po",
                [0x16B45] = "So",
                [0x16F4F] = "Mn",
                [0x16F50] = "Lo",
```

```
                [0x16FE2] = "Po",
                [0x16FE3] = "Lm",
                [0x16FE4] = "Mn",
                [0x1BC9C] = "So",
                [0x1BC9F] = "Po",
                [0x1D245] = "So",
                [0x1D49C] = "Lu",
                [0x1D4A2] = "Lu",
                [0x1D4BB] = "Ll",
                [0x1D546] = "Lu",
                [0x1D6C1] = "Sm",
                [0x1D6DB] = "Sm",
                [0x1D6FB] = "Sm",
                [0x1D715] = "Sm",
                [0x1D735] = "Sm",
                [0x1D74F] = "Sm",
                [0x1D76F] = "Sm",
                [0x1D789] = "Sm",
                [0x1D7A9] = "Sm",
                [0x1D7C3] = "Sm",
                [0x1D7CA] = "Lu",
                [0x1D7CB] = "Ll",
                [0x1DA75] = "Mn",
                [0x1DA84] = "Mn",
                [0x1DF0A] = "Lo",
                [0x1E14E] = "Lo",
                [0x1E14F] = "So",
                [0x1E2AE] = "Mn",
                [0x1E2FF] = "Sc",
                [0x1E94B] = "Lm",
                [0x1ECAC] = "So",
                [0x1ECB0] = "Sc",
                [0x1ED2E] = "So",
                [0x1EE24] = "Lo",
                [0x1EE27] = "Lo",
                [0x1EE39] = "Lo",
                [0x1EE3B] = "Lo",
                [0x1EE42] = "Lo",
                [0x1EE47] = "Lo",
                [0x1EE49] = "Lo",
                [0x1EE4B] = "Lo",
                [0x1EE54] = "Lo",
                [0x1EE57] = "Lo",
                [0x1EE59] = "Lo",
                [0x1EE5B] = "Lo",
                [0x1EE5D] = "Lo",
                [0x1EE5F] = "Lo",
                [0x1EE64] = "Lo",
                [0x1EE7E] = "Lo",
                [0x1F7F0] = "So",
                [0xE0001] = "Cf",
        },
        ranges = {
                { 0x000000, 0x00001F, "Cc" },
                { 0x000021, 0x000023, "Po" },
                { 0x000025, 0x000027, "Po" },
                { 0x00002E, 0x00002F, "Po" },
                { 0x000030, 0x000039, "Nd" },
                { 0x00003A, 0x00003B, "Po" },
                { 0x00003C, 0x00003E, "Sm" },
                { 0x00003F, 0x000040, "Po" },
                { 0x000041, 0x00005A, "Lu" },
                { 0x000061, 0x00007A, "Ll" },
                { 0x00007F, 0x00009F, "Cc" },
```

```
                { 0x0000A2, 0x0000A5, "Sc" },
                { 0x0000B2, 0x0000B3, "No" },
                { 0x0000B6, 0x0000B7, "Po" },
                { 0x0000BC, 0x0000BE, "No" },
                { 0x0000C0, 0x0000D6, "Lu" },
                { 0x0000D8, 0x0000DE, "Lu" },
                { 0x0000DF, 0x0000F6, "Ll" },
                { 0x0000F8, 0x0000FF, "Ll" },
                { 0x000137, 0x000138, "Ll" },
                { 0x000148, 0x000149, "Ll" },
                { 0x000178, 0x000179, "Lu" },
                { 0x00017E, 0x000180, "Ll" },
                { 0x000181, 0x000182, "Lu" },
                { 0x000186, 0x000187, "Lu" },
                { 0x000189, 0x00018B, "Lu" },
                { 0x00018C, 0x00018D, "Ll" },
                { 0x00018E, 0x000191, "Lu" },
                { 0x000193, 0x000194, "Lu" },
                { 0x000196, 0x000198, "Lu" },
                { 0x000199, 0x00019B, "Ll" },
                { 0x00019C, 0x00019D, "Lu" },
                { 0x00019F, 0x0001A0, "Lu" },
                { 0x0001A6, 0x0001A7, "Lu" },
                { 0x0001AA, 0x0001AB, "Ll" },
                { 0x0001AE, 0x0001AF, "Lu" },
                { 0x0001B1, 0x0001B3, "Lu" },
                { 0x0001B7, 0x0001B8, "Lu" },
                { 0x0001B9, 0x0001BA, "Ll" },
                { 0x0001BD, 0x0001BF, "Ll" },
                { 0x0001C0, 0x0001C3, "Lo" },
                { 0x0001DC, 0x0001DD, "Ll" },
                { 0x0001EF, 0x0001F0, "Ll" },
                { 0x0001F6, 0x0001F8, "Lu" },
                { 0x000233, 0x000239, "Ll" },
                { 0x00023A, 0x00023B, "Lu" },
                { 0x00023D, 0x00023E, "Lu" },
                { 0x00023F, 0x000240, "Ll" },
                { 0x000243, 0x000246, "Lu" },
                { 0x00024F, 0x000293, "Ll" },
                { 0x000295, 0x0002AF, "Ll" },
                { 0x0002B0, 0x0002C1, "Lm" },
                { 0x0002C2, 0x0002C5, "Sk" },
                { 0x0002C6, 0x0002D1, "Lm" },
                { 0x0002D2, 0x0002DF, "Sk" },
                { 0x0002E0, 0x0002E4, "Lm" },
                { 0x0002E5, 0x0002EB, "Sk" },
                { 0x0002EF, 0x0002FF, "Sk" },
                { 0x000300, 0x00036F, "Mn" },
                { 0x00037B, 0x00037D, "Ll" },
                { 0x000384, 0x000385, "Sk" },
                { 0x000388, 0x00038A, "Lu" },
                { 0x00038E, 0x00038F, "Lu" },
                { 0x000391, 0x0003A1, "Lu" },
                { 0x0003A3, 0x0003AB, "Lu" },
                { 0x0003AC, 0x0003CE, "Ll" },
                { 0x0003D0, 0x0003D1, "Ll" },
                { 0x0003D2, 0x0003D4, "Lu" },
                { 0x0003D5, 0x0003D7, "Ll" },
                { 0x0003EF, 0x0003F3, "Ll" },
                { 0x0003F9, 0x0003FA, "Lu" },
                { 0x0003FB, 0x0003FC, "Ll" },
                { 0x0003FD, 0x00042F, "Lu" },
                { 0x000430, 0x00045F, "Ll" },
                { 0x000483, 0x000487, "Mn" },
```

```
                { 0x000488, 0x000489, "Me" },
                { 0x0004C0, 0x0004C1, "Lu" },
                { 0x0004CE, 0x0004CF, "Ll" },
                { 0x000531, 0x000556, "Lu" },
                { 0x00055A, 0x00055F, "Po" },
                { 0x000560, 0x000588, "Ll" },
                { 0x00058D, 0x00058E, "So" },
                { 0x000591, 0x0005BD, "Mn" },
                { 0x0005C1, 0x0005C2, "Mn" },
                { 0x0005C4, 0x0005C5, "Mn" },
                { 0x0005D0, 0x0005EA, "Lo" },
                { 0x0005EF, 0x0005F2, "Lo" },
                { 0x0005F3, 0x0005F4, "Po" },
                { 0x000600, 0x000605, "Cf" },
                { 0x000606, 0x000608, "Sm" },
                { 0x000609, 0x00060A, "Po" },
                { 0x00060C, 0x00060D, "Po" },
                { 0x00060E, 0x00060F, "So" },
                { 0x000610, 0x00061A, "Mn" },
                { 0x00061D, 0x00061F, "Po" },
                { 0x000620, 0x00063F, "Lo" },
                { 0x000641, 0x00064A, "Lo" },
                { 0x00064B, 0x00065F, "Mn" },
                { 0x000660, 0x000669, "Nd" },
                { 0x00066A, 0x00066D, "Po" },
                { 0x00066E, 0x00066F, "Lo" },
                { 0x000671, 0x0006D3, "Lo" },
                { 0x0006D6, 0x0006DC, "Mn" },
                { 0x0006DF, 0x0006E4, "Mn" },
                { 0x0006E5, 0x0006E6, "Lm" },
                { 0x0006E7, 0x0006E8, "Mn" },
                { 0x0006EA, 0x0006ED, "Mn" },
                { 0x0006EE, 0x0006EF, "Lo" },
                { 0x0006F0, 0x0006F9, "Nd" },
                { 0x0006FA, 0x0006FC, "Lo" },
                { 0x0006FD, 0x0006FE, "So" },
                { 0x000700, 0x00070D, "Po" },
                { 0x000712, 0x00072F, "Lo" },
                { 0x000730, 0x00074A, "Mn" },
                { 0x00074D, 0x0007A5, "Lo" },
                { 0x0007A6, 0x0007B0, "Mn" },
                { 0x0007C0, 0x0007C9, "Nd" },
                { 0x0007CA, 0x0007EA, "Lo" },
                { 0x0007EB, 0x0007F3, "Mn" },
                { 0x0007F4, 0x0007F5, "Lm" },
                { 0x0007F7, 0x0007F9, "Po" },
                { 0x0007FE, 0x0007FF, "Sc" },
                { 0x000800, 0x000815, "Lo" },
                { 0x000816, 0x000819, "Mn" },
                { 0x00081B, 0x000823, "Mn" },
                { 0x000825, 0x000827, "Mn" },
                { 0x000829, 0x00082D, "Mn" },
                { 0x000830, 0x00083E, "Po" },
                { 0x000840, 0x000858, "Lo" },
                { 0x000859, 0x00085B, "Mn" },
                { 0x000860, 0x00086A, "Lo" },
                { 0x000870, 0x000887, "Lo" },
                { 0x000889, 0x00088E, "Lo" },
                { 0x000890, 0x000891, "Cf" },
                { 0x000898, 0x00089F, "Mn" },
                { 0x0008A0, 0x0008C8, "Lo" },
                { 0x0008CA, 0x0008E1, "Mn" },
                { 0x0008E3, 0x000902, "Mn" },
                { 0x000904, 0x000939, "Lo" },
```

```
                { 0x00093E, 0x000940, "Mc" },
                { 0x000941, 0x000948, "Mn" },
                { 0x000949, 0x00094C, "Mc" },
                { 0x00094E, 0x00094F, "Mc" },
                { 0x000951, 0x000957, "Mn" },
                { 0x000958, 0x000961, "Lo" },
                { 0x000962, 0x000963, "Mn" },
                { 0x000964, 0x000965, "Po" },
                { 0x000966, 0x00096F, "Nd" },
                { 0x000972, 0x000980, "Lo" },
                { 0x000982, 0x000983, "Mc" },
                { 0x000985, 0x00098C, "Lo" },
                { 0x00098F, 0x000990, "Lo" },
                { 0x000993, 0x0009A8, "Lo" },
                { 0x0009AA, 0x0009B0, "Lo" },
                { 0x0009B6, 0x0009B9, "Lo" },
                { 0x0009BE, 0x0009C0, "Mc" },
                { 0x0009C1, 0x0009C4, "Mn" },
                { 0x0009C7, 0x0009C8, "Mc" },
                { 0x0009CB, 0x0009CC, "Mc" },
                { 0x0009DC, 0x0009DD, "Lo" },
                { 0x0009DF, 0x0009E1, "Lo" },
                { 0x0009E2, 0x0009E3, "Mn" },
                { 0x0009E6, 0x0009EF, "Nd" },
                { 0x0009F0, 0x0009F1, "Lo" },
                { 0x0009F2, 0x0009F3, "Sc" },
                { 0x0009F4, 0x0009F9, "No" },
                { 0x000A01, 0x000A02, "Mn" },
                { 0x000A05, 0x000A0A, "Lo" },
                { 0x000A0F, 0x000A10, "Lo" },
                { 0x000A13, 0x000A28, "Lo" },
                { 0x000A2A, 0x000A30, "Lo" },
                { 0x000A32, 0x000A33, "Lo" },
                { 0x000A35, 0x000A36, "Lo" },
                { 0x000A38, 0x000A39, "Lo" },
                { 0x000A3E, 0x000A40, "Mc" },
                { 0x000A41, 0x000A42, "Mn" },
                { 0x000A47, 0x000A48, "Mn" },
                { 0x000A4B, 0x000A4D, "Mn" },
                { 0x000A59, 0x000A5C, "Lo" },
                { 0x000A66, 0x000A6F, "Nd" },
                { 0x000A70, 0x000A71, "Mn" },
                { 0x000A72, 0x000A74, "Lo" },
                { 0x000A81, 0x000A82, "Mn" },
                { 0x000A85, 0x000A8D, "Lo" },
                { 0x000A8F, 0x000A91, "Lo" },
                { 0x000A93, 0x000AA8, "Lo" },
                { 0x000AAA, 0x000AB0, "Lo" },
                { 0x000AB2, 0x000AB3, "Lo" },
                { 0x000AB5, 0x000AB9, "Lo" },
                { 0x000ABE, 0x000AC0, "Mc" },
                { 0x000AC1, 0x000AC5, "Mn" },
                { 0x000AC7, 0x000AC8, "Mn" },
                { 0x000ACB, 0x000ACC, "Mc" },
                { 0x000AE0, 0x000AE1, "Lo" },
                { 0x000AE2, 0x000AE3, "Mn" },
                { 0x000AE6, 0x000AEF, "Nd" },
                { 0x000AFA, 0x000AFF, "Mn" },
                { 0x000B02, 0x000B03, "Mc" },
                { 0x000B05, 0x000B0C, "Lo" },
                { 0x000B0F, 0x000B10, "Lo" },
                { 0x000B13, 0x000B28, "Lo" },
                { 0x000B2A, 0x000B30, "Lo" },
                { 0x000B32, 0x000B33, "Lo" },
```

```
                { 0x000B35, 0x000B39, "Lo" },
                { 0x000B41, 0x000B44, "Mn" },
                { 0x000B47, 0x000B48, "Mc" },
                { 0x000B4B, 0x000B4C, "Mc" },
                { 0x000B55, 0x000B56, "Mn" },
                { 0x000B5C, 0x000B5D, "Lo" },
                { 0x000B5F, 0x000B61, "Lo" },
                { 0x000B62, 0x000B63, "Mn" },
                { 0x000B66, 0x000B6F, "Nd" },
                { 0x000B72, 0x000B77, "No" },
                { 0x000B85, 0x000B8A, "Lo" },
                { 0x000B8E, 0x000B90, "Lo" },
                { 0x000B92, 0x000B95, "Lo" },
                { 0x000B99, 0x000B9A, "Lo" },
                { 0x000B9E, 0x000B9F, "Lo" },
                { 0x000BA3, 0x000BA4, "Lo" },
                { 0x000BA8, 0x000BAA, "Lo" },
                { 0x000BAE, 0x000BB9, "Lo" },
                { 0x000BBE, 0x000BBF, "Mc" },
                { 0x000BC1, 0x000BC2, "Mc" },
                { 0x000BC6, 0x000BC8, "Mc" },
                { 0x000BCA, 0x000BCC, "Mc" },
                { 0x000BE6, 0x000BEF, "Nd" },
                { 0x000BF0, 0x000BF2, "No" },
                { 0x000BF3, 0x000BF8, "So" },
                { 0x000C01, 0x000C03, "Mc" },
                { 0x000C05, 0x000C0C, "Lo" },
                { 0x000C0E, 0x000C10, "Lo" },
                { 0x000C12, 0x000C28, "Lo" },
                { 0x000C2A, 0x000C39, "Lo" },
                { 0x000C3E, 0x000C40, "Mn" },
                { 0x000C41, 0x000C44, "Mc" },
                { 0x000C46, 0x000C48, "Mn" },
                { 0x000C4A, 0x000C4D, "Mn" },
                { 0x000C55, 0x000C56, "Mn" },
                { 0x000C58, 0x000C5A, "Lo" },
                { 0x000C60, 0x000C61, "Lo" },
                { 0x000C62, 0x000C63, "Mn" },
                { 0x000C66, 0x000C6F, "Nd" },
                { 0x000C78, 0x000C7E, "No" },
                { 0x000C82, 0x000C83, "Mc" },
                { 0x000C85, 0x000C8C, "Lo" },
                { 0x000C8E, 0x000C90, "Lo" },
                { 0x000C92, 0x000CA8, "Lo" },
                { 0x000CAA, 0x000CB3, "Lo" },
                { 0x000CB5, 0x000CB9, "Lo" },
                { 0x000CC0, 0x000CC4, "Mc" },
                { 0x000CC7, 0x000CC8, "Mc" },
                { 0x000CCA, 0x000CCB, "Mc" },
                { 0x000CCC, 0x000CCD, "Mn" },
                { 0x000CD5, 0x000CD6, "Mc" },
                { 0x000CDD, 0x000CDE, "Lo" },
                { 0x000CE0, 0x000CE1, "Lo" },
                { 0x000CE2, 0x000CE3, "Mn" },
                { 0x000CE6, 0x000CEF, "Nd" },
                { 0x000CF1, 0x000CF2, "Lo" },
                { 0x000D00, 0x000D01, "Mn" },
                { 0x000D02, 0x000D03, "Mc" },
                { 0x000D04, 0x000D0C, "Lo" },
                { 0x000D0E, 0x000D10, "Lo" },
                { 0x000D12, 0x000D3A, "Lo" },
                { 0x000D3B, 0x000D3C, "Mn" },
                { 0x000D3E, 0x000D40, "Mc" },
                { 0x000D41, 0x000D44, "Mn" },
```

```
                { 0x000D46, 0x000D48, "Mc" },
                { 0x000D4A, 0x000D4C, "Mc" },
                { 0x000D54, 0x000D56, "Lo" },
                { 0x000D58, 0x000D5E, "No" },
                { 0x000D5F, 0x000D61, "Lo" },
                { 0x000D62, 0x000D63, "Mn" },
                { 0x000D66, 0x000D6F, "Nd" },
                { 0x000D70, 0x000D78, "No" },
                { 0x000D7A, 0x000D7F, "Lo" },
                { 0x000D82, 0x000D83, "Mc" },
                { 0x000D85, 0x000D96, "Lo" },
                { 0x000D9A, 0x000DB1, "Lo" },
                { 0x000DB3, 0x000DBB, "Lo" },
                { 0x000DC0, 0x000DC6, "Lo" },
                { 0x000DCF, 0x000DD1, "Mc" },
                { 0x000DD2, 0x000DD4, "Mn" },
                { 0x000DD8, 0x000DDF, "Mc" },
                { 0x000DE6, 0x000DEF, "Nd" },
                { 0x000DF2, 0x000DF3, "Mc" },
                { 0x000E01, 0x000E30, "Lo" },
                { 0x000E32, 0x000E33, "Lo" },
                { 0x000E34, 0x000E3A, "Mn" },
                { 0x000E40, 0x000E45, "Lo" },
                { 0x000E47, 0x000E4E, "Mn" },
                { 0x000E50, 0x000E59, "Nd" },
                { 0x000E5A, 0x000E5B, "Po" },
                { 0x000E81, 0x000E82, "Lo" },
                { 0x000E86, 0x000E8A, "Lo" },
                { 0x000E8C, 0x000EA3, "Lo" },
                { 0x000EA7, 0x000EB0, "Lo" },
                { 0x000EB2, 0x000EB3, "Lo" },
                { 0x000EB4, 0x000EBC, "Mn" },
                { 0x000EC0, 0x000EC4, "Lo" },
                { 0x000EC8, 0x000ECD, "Mn" },
                { 0x000ED0, 0x000ED9, "Nd" },
                { 0x000EDC, 0x000EDF, "Lo" },
                { 0x000F01, 0x000F03, "So" },
                { 0x000F04, 0x000F12, "Po" },
                { 0x000F15, 0x000F17, "So" },
                { 0x000F18, 0x000F19, "Mn" },
                { 0x000F1A, 0x000F1F, "So" },
                { 0x000F20, 0x000F29, "Nd" },
                { 0x000F2A, 0x000F33, "No" },
                { 0x000F3E, 0x000F3F, "Mc" },
                { 0x000F40, 0x000F47, "Lo" },
                { 0x000F49, 0x000F6C, "Lo" },
                { 0x000F71, 0x000F7E, "Mn" },
                { 0x000F80, 0x000F84, "Mn" },
                { 0x000F86, 0x000F87, "Mn" },
                { 0x000F88, 0x000F8C, "Lo" },
                { 0x000F8D, 0x000F97, "Mn" },
                { 0x000F99, 0x000FBC, "Mn" },
                { 0x000FBE, 0x000FC5, "So" },
                { 0x000FC7, 0x000FCC, "So" },
                { 0x000FCE, 0x000FCF, "So" },
                { 0x000FD0, 0x000FD4, "Po" },
                { 0x000FD5, 0x000FD8, "So" },
                { 0x000FD9, 0x000FDA, "Po" },
                { 0x001000, 0x00102A, "Lo" },
                { 0x00102B, 0x00102C, "Mc" },
                { 0x00102D, 0x001030, "Mn" },
                { 0x001032, 0x001037, "Mn" },
                { 0x001039, 0x00103A, "Mn" },
                { 0x00103B, 0x00103C, "Mc" },
```

```
                { 0x00103D, 0x00103E, "Mn" },
                { 0x001040, 0x001049, "Nd" },
                { 0x00104A, 0x00104F, "Po" },
                { 0x001050, 0x001055, "Lo" },
                { 0x001056, 0x001057, "Mc" },
                { 0x001058, 0x001059, "Mn" },
                { 0x00105A, 0x00105D, "Lo" },
                { 0x00105E, 0x001060, "Mn" },
                { 0x001062, 0x001064, "Mc" },
                { 0x001065, 0x001066, "Lo" },
                { 0x001067, 0x00106D, "Mc" },
                { 0x00106E, 0x001070, "Lo" },
                { 0x001071, 0x001074, "Mn" },
                { 0x001075, 0x001081, "Lo" },
                { 0x001083, 0x001084, "Mc" },
                { 0x001085, 0x001086, "Mn" },
                { 0x001087, 0x00108C, "Mc" },
                { 0x001090, 0x001099, "Nd" },
                { 0x00109A, 0x00109C, "Mc" },
                { 0x00109E, 0x00109F, "So" },
                { 0x0010A0, 0x0010C5, "Lu" },
                { 0x0010D0, 0x0010FA, "Ll" },
                { 0x0010FD, 0x0010FF, "Ll" },
                { 0x001100, 0x001248, "Lo" },
                { 0x00124A, 0x00124D, "Lo" },
                { 0x001250, 0x001256, "Lo" },
                { 0x00125A, 0x00125D, "Lo" },
                { 0x001260, 0x001288, "Lo" },
                { 0x00128A, 0x00128D, "Lo" },
                { 0x001290, 0x0012B0, "Lo" },
                { 0x0012B2, 0x0012B5, "Lo" },
                { 0x0012B8, 0x0012BE, "Lo" },
                { 0x0012C2, 0x0012C5, "Lo" },
                { 0x0012C8, 0x0012D6, "Lo" },
                { 0x0012D8, 0x001310, "Lo" },
                { 0x001312, 0x001315, "Lo" },
                { 0x001318, 0x00135A, "Lo" },
                { 0x00135D, 0x00135F, "Mn" },
                { 0x001360, 0x001368, "Po" },
                { 0x001369, 0x00137C, "No" },
                { 0x001380, 0x00138F, "Lo" },
                { 0x001390, 0x001399, "So" },
                { 0x0013A0, 0x0013F5, "Lu" },
                { 0x0013F8, 0x0013FD, "Ll" },
                { 0x001401, 0x00166C, "Lo" },
                { 0x00166F, 0x00167F, "Lo" },
                { 0x001681, 0x00169A, "Lo" },
                { 0x0016A0, 0x0016EA, "Lo" },
                { 0x0016EB, 0x0016ED, "Po" },
                { 0x0016EE, 0x0016F0, "Nl" },
                { 0x0016F1, 0x0016F8, "Lo" },
                { 0x001700, 0x001711, "Lo" },
                { 0x001712, 0x001714, "Mn" },
                { 0x00171F, 0x001731, "Lo" },
                { 0x001732, 0x001733, "Mn" },
                { 0x001735, 0x001736, "Po" },
                { 0x001740, 0x001751, "Lo" },
                { 0x001752, 0x001753, "Mn" },
                { 0x001760, 0x00176C, "Lo" },
                { 0x00176E, 0x001770, "Lo" },
                { 0x001772, 0x001773, "Mn" },
                { 0x001780, 0x0017B3, "Lo" },
                { 0x0017B4, 0x0017B5, "Mn" },
                { 0x0017B7, 0x0017BD, "Mn" },
```

```
                { 0x0017BE, 0x0017C5, "Mc" },
                { 0x0017C7, 0x0017C8, "Mc" },
                { 0x0017C9, 0x0017D3, "Mn" },
                { 0x0017D4, 0x0017D6, "Po" },
                { 0x0017D8, 0x0017DA, "Po" },
                { 0x0017E0, 0x0017E9, "Nd" },
                { 0x0017F0, 0x0017F9, "No" },
                { 0x001800, 0x001805, "Po" },
                { 0x001807, 0x00180A, "Po" },
                { 0x00180B, 0x00180D, "Mn" },
                { 0x001810, 0x001819, "Nd" },
                { 0x001820, 0x001842, "Lo" },
                { 0x001844, 0x001878, "Lo" },
                { 0x001880, 0x001884, "Lo" },
                { 0x001885, 0x001886, "Mn" },
                { 0x001887, 0x0018A8, "Lo" },
                { 0x0018B0, 0x0018F5, "Lo" },
                { 0x001900, 0x00191E, "Lo" },
                { 0x001920, 0x001922, "Mn" },
                { 0x001923, 0x001926, "Mc" },
                { 0x001927, 0x001928, "Mn" },
                { 0x001929, 0x00192B, "Mc" },
                { 0x001930, 0x001931, "Mc" },
                { 0x001933, 0x001938, "Mc" },
                { 0x001939, 0x00193B, "Mn" },
                { 0x001944, 0x001945, "Po" },
                { 0x001946, 0x00194F, "Nd" },
                { 0x001950, 0x00196D, "Lo" },
                { 0x001970, 0x001974, "Lo" },
                { 0x001980, 0x0019AB, "Lo" },
                { 0x0019B0, 0x0019C9, "Lo" },
                { 0x0019D0, 0x0019D9, "Nd" },
                { 0x0019DE, 0x0019FF, "So" },
                { 0x001A00, 0x001A16, "Lo" },
                { 0x001A17, 0x001A18, "Mn" },
                { 0x001A19, 0x001A1A, "Mc" },
                { 0x001A1E, 0x001A1F, "Po" },
                { 0x001A20, 0x001A54, "Lo" },
                { 0x001A58, 0x001A5E, "Mn" },
                { 0x001A63, 0x001A64, "Mc" },
                { 0x001A65, 0x001A6C, "Mn" },
                { 0x001A6D, 0x001A72, "Mc" },
                { 0x001A73, 0x001A7C, "Mn" },
                { 0x001A80, 0x001A89, "Nd" },
                { 0x001A90, 0x001A99, "Nd" },
                { 0x001AA0, 0x001AA6, "Po" },
                { 0x001AA8, 0x001AAD, "Po" },
                { 0x001AB0, 0x001ABD, "Mn" },
                { 0x001ABF, 0x001ACE, "Mn" },
                { 0x001B00, 0x001B03, "Mn" },
                { 0x001B05, 0x001B33, "Lo" },
                { 0x001B36, 0x001B3A, "Mn" },
                { 0x001B3D, 0x001B41, "Mc" },
                { 0x001B43, 0x001B44, "Mc" },
                { 0x001B45, 0x001B4C, "Lo" },
                { 0x001B50, 0x001B59, "Nd" },
                { 0x001B5A, 0x001B60, "Po" },
                { 0x001B61, 0x001B6A, "So" },
                { 0x001B6B, 0x001B73, "Mn" },
                { 0x001B74, 0x001B7C, "So" },
                { 0x001B7D, 0x001B7E, "Po" },
                { 0x001B80, 0x001B81, "Mn" },
                { 0x001B83, 0x001BA0, "Lo" },
                { 0x001BA2, 0x001BA5, "Mn" },
```

```
                { 0x001BA6, 0x001BA7, "Mc" },
                { 0x001BA8, 0x001BA9, "Mn" },
                { 0x001BAB, 0x001BAD, "Mn" },
                { 0x001BAE, 0x001BAF, "Lo" },
                { 0x001BB0, 0x001BB9, "Nd" },
                { 0x001BBA, 0x001BE5, "Lo" },
                { 0x001BE8, 0x001BE9, "Mn" },
                { 0x001BEA, 0x001BEC, "Mc" },
                { 0x001BEF, 0x001BF1, "Mn" },
                { 0x001BF2, 0x001BF3, "Mc" },
                { 0x001BFC, 0x001BFF, "Po" },
                { 0x001C00, 0x001C23, "Lo" },
                { 0x001C24, 0x001C2B, "Mc" },
                { 0x001C2C, 0x001C33, "Mn" },
                { 0x001C34, 0x001C35, "Mc" },
                { 0x001C36, 0x001C37, "Mn" },
                { 0x001C3B, 0x001C3F, "Po" },
                { 0x001C40, 0x001C49, "Nd" },
                { 0x001C4D, 0x001C4F, "Lo" },
                { 0x001C50, 0x001C59, "Nd" },
                { 0x001C5A, 0x001C77, "Lo" },
                { 0x001C78, 0x001C7D, "Lm" },
                { 0x001C7E, 0x001C7F, "Po" },
                { 0x001C80, 0x001C88, "Ll" },
                { 0x001C90, 0x001CBA, "Lu" },
                { 0x001CBD, 0x001CBF, "Lu" },
                { 0x001CC0, 0x001CC7, "Po" },
                { 0x001CD0, 0x001CD2, "Mn" },
                { 0x001CD4, 0x001CE0, "Mn" },
                { 0x001CE2, 0x001CE8, "Mn" },
                { 0x001CE9, 0x001CEC, "Lo" },
                { 0x001CEE, 0x001CF3, "Lo" },
                { 0x001CF5, 0x001CF6, "Lo" },
                { 0x001CF8, 0x001CF9, "Mn" },
                { 0x001D00, 0x001D2B, "Ll" },
                { 0x001D2C, 0x001D6A, "Lm" },
                { 0x001D6B, 0x001D77, "Ll" },
                { 0x001D79, 0x001D9A, "Ll" },
                { 0x001D9B, 0x001DBF, "Lm" },
                { 0x001DC0, 0x001DFF, "Mn" },
                { 0x001E95, 0x001E9D, "Ll" },
                { 0x001EFF, 0x001F07, "Ll" },
                { 0x001F08, 0x001F0F, "Lu" },
                { 0x001F10, 0x001F15, "Ll" },
                { 0x001F18, 0x001F1D, "Lu" },
                { 0x001F20, 0x001F27, "Ll" },
                { 0x001F28, 0x001F2F, "Lu" },
                { 0x001F30, 0x001F37, "Ll" },
                { 0x001F38, 0x001F3F, "Lu" },
                { 0x001F40, 0x001F45, "Ll" },
                { 0x001F48, 0x001F4D, "Lu" },
                { 0x001F50, 0x001F57, "Ll" },
                { 0x001F60, 0x001F67, "Ll" },
                { 0x001F68, 0x001F6F, "Lu" },
                { 0x001F70, 0x001F7D, "Ll" },
                { 0x001F80, 0x001F87, "Ll" },
                { 0x001F88, 0x001F8F, "Lt" },
                { 0x001F90, 0x001F97, "Ll" },
                { 0x001F98, 0x001F9F, "Lt" },
                { 0x001FA0, 0x001FA7, "Ll" },
                { 0x001FA8, 0x001FAF, "Lt" },
                { 0x001FB0, 0x001FB4, "Ll" },
                { 0x001FB6, 0x001FB7, "Ll" },
                { 0x001FB8, 0x001FBB, "Lu" },
```

```
                { 0x001FBF, 0x001FC1, "Sk" },
                { 0x001FC2, 0x001FC4, "Ll" },
                { 0x001FC6, 0x001FC7, "Ll" },
                { 0x001FC8, 0x001FCB, "Lu" },
                { 0x001FCD, 0x001FCF, "Sk" },
                { 0x001FD0, 0x001FD3, "Ll" },
                { 0x001FD6, 0x001FD7, "Ll" },
                { 0x001FD8, 0x001FDB, "Lu" },
                { 0x001FDD, 0x001FDF, "Sk" },
                { 0x001FE0, 0x001FE7, "Ll" },
                { 0x001FE8, 0x001FEC, "Lu" },
                { 0x001FED, 0x001FEF, "Sk" },
                { 0x001FF2, 0x001FF4, "Ll" },
                { 0x001FF6, 0x001FF7, "Ll" },
                { 0x001FF8, 0x001FFB, "Lu" },
                { 0x001FFD, 0x001FFE, "Sk" },
                { 0x002000, 0x00200A, "Zs" },
                { 0x00200B, 0x00200F, "Cf" },
                { 0x002010, 0x002015, "Pd" },
                { 0x002016, 0x002017, "Po" },
                { 0x00201B, 0x00201C, "Pi" },
                { 0x002020, 0x002027, "Po" },
                { 0x00202A, 0x00202E, "Cf" },
                { 0x002030, 0x002038, "Po" },
                { 0x00203B, 0x00203E, "Po" },
                { 0x00203F, 0x002040, "Pc" },
                { 0x002041, 0x002043, "Po" },
                { 0x002047, 0x002051, "Po" },
                { 0x002055, 0x00205E, "Po" },
                { 0x002060, 0x002064, "Cf" },
                { 0x002066, 0x00206F, "Cf" },
                { 0x002074, 0x002079, "No" },
                { 0x00207A, 0x00207C, "Sm" },
                { 0x002080, 0x002089, "No" },
                { 0x00208A, 0x00208C, "Sm" },
                { 0x002090, 0x00209C, "Lm" },
                { 0x0020A0, 0x0020C0, "Sc" },
                { 0x0020D0, 0x0020DC, "Mn" },
                { 0x0020DD, 0x0020E0, "Me" },
                { 0x0020E2, 0x0020E4, "Me" },
                { 0x0020E5, 0x0020F0, "Mn" },
                { 0x002100, 0x002101, "So" },
                { 0x002103, 0x002106, "So" },
                { 0x002108, 0x002109, "So" },
                { 0x00210B, 0x00210D, "Lu" },
                { 0x00210E, 0x00210F, "Ll" },
                { 0x002110, 0x002112, "Lu" },
                { 0x002116, 0x002117, "So" },
                { 0x002119, 0x00211D, "Lu" },
                { 0x00211E, 0x002123, "So" },
                { 0x00212A, 0x00212D, "Lu" },
                { 0x002130, 0x002133, "Lu" },
                { 0x002135, 0x002138, "Lo" },
                { 0x00213A, 0x00213B, "So" },
                { 0x00213C, 0x00213D, "Ll" },
                { 0x00213E, 0x00213F, "Lu" },
                { 0x002140, 0x002144, "Sm" },
                { 0x002146, 0x002149, "Ll" },
                { 0x00214C, 0x00214D, "So" },
                { 0x002150, 0x00215F, "No" },
                { 0x002160, 0x002182, "Nl" },
                { 0x002185, 0x002188, "Nl" },
                { 0x00218A, 0x00218B, "So" },
                { 0x002190, 0x002194, "Sm" },
```

```
                { 0x002195, 0x002199, "So" },
                { 0x00219A, 0x00219B, "Sm" },
                { 0x00219C, 0x00219F, "So" },
                { 0x0021A1, 0x0021A2, "So" },
                { 0x0021A4, 0x0021A5, "So" },
                { 0x0021A7, 0x0021AD, "So" },
                { 0x0021AF, 0x0021CD, "So" },
                { 0x0021CE, 0x0021CF, "Sm" },
                { 0x0021D0, 0x0021D1, "So" },
                { 0x0021D5, 0x0021F3, "So" },
                { 0x0021F4, 0x0022FF, "Sm" },
                { 0x002300, 0x002307, "So" },
                { 0x00230C, 0x00231F, "So" },
                { 0x002320, 0x002321, "Sm" },
                { 0x002322, 0x002328, "So" },
                { 0x00232B, 0x00237B, "So" },
                { 0x00237D, 0x00239A, "So" },
                { 0x00239B, 0x0023B3, "Sm" },
                { 0x0023B4, 0x0023DB, "So" },
                { 0x0023DC, 0x0023E1, "Sm" },
                { 0x0023E2, 0x002426, "So" },
                { 0x002440, 0x00244A, "So" },
                { 0x002460, 0x00249B, "No" },
                { 0x00249C, 0x0024E9, "So" },
                { 0x0024EA, 0x0024FF, "No" },
                { 0x002500, 0x0025B6, "So" },
                { 0x0025B8, 0x0025C0, "So" },
                { 0x0025C2, 0x0025F7, "So" },
                { 0x0025F8, 0x0025FF, "Sm" },
                { 0x002600, 0x00266E, "So" },
                { 0x002670, 0x002767, "So" },
                { 0x002776, 0x002793, "No" },
                { 0x002794, 0x0027BF, "So" },
                { 0x0027C0, 0x0027C4, "Sm" },
                { 0x0027C7, 0x0027E5, "Sm" },
                { 0x0027F0, 0x0027FF, "Sm" },
                { 0x002800, 0x0028FF, "So" },
                { 0x002900, 0x002982, "Sm" },
                { 0x002999, 0x0029D7, "Sm" },
                { 0x0029DC, 0x0029FB, "Sm" },
                { 0x0029FE, 0x002AFF, "Sm" },
                { 0x002B00, 0x002B2F, "So" },
                { 0x002B30, 0x002B44, "Sm" },
                { 0x002B45, 0x002B46, "So" },
                { 0x002B47, 0x002B4C, "Sm" },
                { 0x002B4D, 0x002B73, "So" },
                { 0x002B76, 0x002B95, "So" },
                { 0x002B97, 0x002BFF, "So" },
                { 0x002C00, 0x002C2F, "Lu" },
                { 0x002C30, 0x002C5F, "Ll" },
                { 0x002C62, 0x002C64, "Lu" },
                { 0x002C65, 0x002C66, "Ll" },
                { 0x002C6D, 0x002C70, "Lu" },
                { 0x002C73, 0x002C74, "Ll" },
                { 0x002C76, 0x002C7B, "Ll" },
                { 0x002C7C, 0x002C7D, "Lm" },
                { 0x002C7E, 0x002C80, "Lu" },
                { 0x002CE3, 0x002CE4, "Ll" },
                { 0x002CE5, 0x002CEA, "So" },
                { 0x002CEF, 0x002CF1, "Mn" },
                { 0x002CF9, 0x002CFC, "Po" },
                { 0x002CFE, 0x002CFF, "Po" },
                { 0x002D00, 0x002D25, "Ll" },
                { 0x002D30, 0x002D67, "Lo" },
```

```
                { 0x002D80, 0x002D96, "Lo" },
                { 0x002DA0, 0x002DA6, "Lo" },
                { 0x002DA8, 0x002DAE, "Lo" },
                { 0x002DB0, 0x002DB6, "Lo" },
                { 0x002DB8, 0x002DBE, "Lo" },
                { 0x002DC0, 0x002DC6, "Lo" },
                { 0x002DC8, 0x002DCE, "Lo" },
                { 0x002DD0, 0x002DD6, "Lo" },
                { 0x002DD8, 0x002DDE, "Lo" },
                { 0x002DE0, 0x002DFF, "Mn" },
                { 0x002E00, 0x002E01, "Po" },
                { 0x002E06, 0x002E08, "Po" },
                { 0x002E0E, 0x002E16, "Po" },
                { 0x002E18, 0x002E19, "Po" },
                { 0x002E1E, 0x002E1F, "Po" },
                { 0x002E2A, 0x002E2E, "Po" },
                { 0x002E30, 0x002E39, "Po" },
                { 0x002E3A, 0x002E3B, "Pd" },
                { 0x002E3C, 0x002E3F, "Po" },
                { 0x002E43, 0x002E4F, "Po" },
                { 0x002E50, 0x002E51, "So" },
                { 0x002E52, 0x002E54, "Po" },
                { 0x002E80, 0x002E99, "So" },
                { 0x002E9B, 0x002EF3, "So" },
                { 0x002F00, 0x002FD5, "So" },
                { 0x002FF0, 0x002FFB, "So" },
                { 0x003001, 0x003003, "Po" },
                { 0x003012, 0x003013, "So" },
                { 0x00301E, 0x00301F, "Pe" },
                { 0x003021, 0x003029, "Nl" },
                { 0x00302A, 0x00302D, "Mn" },
                { 0x00302E, 0x00302F, "Mc" },
                { 0x003031, 0x003035, "Lm" },
                { 0x003036, 0x003037, "So" },
                { 0x003038, 0x00303A, "Nl" },
                { 0x00303E, 0x00303F, "So" },
                { 0x003041, 0x003096, "Lo" },
                { 0x003099, 0x00309A, "Mn" },
                { 0x00309B, 0x00309C, "Sk" },
                { 0x00309D, 0x00309E, "Lm" },
                { 0x0030A1, 0x0030FA, "Lo" },
                { 0x0030FC, 0x0030FE, "Lm" },
                { 0x003105, 0x00312F, "Lo" },
                { 0x003131, 0x00318E, "Lo" },
                { 0x003190, 0x003191, "So" },
                { 0x003192, 0x003195, "No" },
                { 0x003196, 0x00319F, "So" },
                { 0x0031A0, 0x0031BF, "Lo" },
                { 0x0031C0, 0x0031E3, "So" },
                { 0x0031F0, 0x0031FF, "Lo" },
                { 0x003200, 0x00321E, "So" },
                { 0x003220, 0x003229, "No" },
                { 0x00322A, 0x003247, "So" },
                { 0x003248, 0x00324F, "No" },
                { 0x003251, 0x00325F, "No" },
                { 0x003260, 0x00327F, "So" },
                { 0x003280, 0x003289, "No" },
                { 0x00328A, 0x0032B0, "So" },
                { 0x0032B1, 0x0032BF, "No" },
                { 0x0032C0, 0x0033FF, "So" },
                { 0x003400, 0x004DBF, "Lo" },
                { 0x004DC0, 0x004DFF, "So" },
                { 0x004E00, 0x00A014, "Lo" },
                { 0x00A016, 0x00A48C, "Lo" },
```

```
                { 0x00A490, 0x00A4C6, "So" },
                { 0x00A4D0, 0x00A4F7, "Lo" },
                { 0x00A4F8, 0x00A4FD, "Lm" },
                { 0x00A4FE, 0x00A4FF, "Po" },
                { 0x00A500, 0x00A60B, "Lo" },
                { 0x00A60D, 0x00A60F, "Po" },
                { 0x00A610, 0x00A61F, "Lo" },
                { 0x00A620, 0x00A629, "Nd" },
                { 0x00A62A, 0x00A62B, "Lo" },
                { 0x00A670, 0x00A672, "Me" },
                { 0x00A674, 0x00A67D, "Mn" },
                { 0x00A69C, 0x00A69D, "Lm" },
                { 0x00A69E, 0x00A69F, "Mn" },
                { 0x00A6A0, 0x00A6E5, "Lo" },
                { 0x00A6E6, 0x00A6EF, "Nl" },
                { 0x00A6F0, 0x00A6F1, "Mn" },
                { 0x00A6F2, 0x00A6F7, "Po" },
                { 0x00A700, 0x00A716, "Sk" },
                { 0x00A717, 0x00A71F, "Lm" },
                { 0x00A720, 0x00A721, "Sk" },
                { 0x00A72F, 0x00A731, "Ll" },
                { 0x00A771, 0x00A778, "Ll" },
                { 0x00A77D, 0x00A77E, "Lu" },
                { 0x00A789, 0x00A78A, "Sk" },
                { 0x00A793, 0x00A795, "Ll" },
                { 0x00A7AA, 0x00A7AE, "Lu" },
                { 0x00A7B0, 0x00A7B4, "Lu" },
                { 0x00A7C4, 0x00A7C7, "Lu" },
                { 0x00A7F2, 0x00A7F4, "Lm" },
                { 0x00A7F8, 0x00A7F9, "Lm" },
                { 0x00A7FB, 0x00A801, "Lo" },
                { 0x00A803, 0x00A805, "Lo" },
                { 0x00A807, 0x00A80A, "Lo" },
                { 0x00A80C, 0x00A822, "Lo" },
                { 0x00A823, 0x00A824, "Mc" },
                { 0x00A825, 0x00A826, "Mn" },
                { 0x00A828, 0x00A82B, "So" },
                { 0x00A830, 0x00A835, "No" },
                { 0x00A836, 0x00A837, "So" },
                { 0x00A840, 0x00A873, "Lo" },
                { 0x00A874, 0x00A877, "Po" },
                { 0x00A880, 0x00A881, "Mc" },
                { 0x00A882, 0x00A8B3, "Lo" },
                { 0x00A8B4, 0x00A8C3, "Mc" },
                { 0x00A8C4, 0x00A8C5, "Mn" },
                { 0x00A8CE, 0x00A8CF, "Po" },
                { 0x00A8D0, 0x00A8D9, "Nd" },
                { 0x00A8E0, 0x00A8F1, "Mn" },
                { 0x00A8F2, 0x00A8F7, "Lo" },
                { 0x00A8F8, 0x00A8FA, "Po" },
                { 0x00A8FD, 0x00A8FE, "Lo" },
                { 0x00A900, 0x00A909, "Nd" },
                { 0x00A90A, 0x00A925, "Lo" },
                { 0x00A926, 0x00A92D, "Mn" },
                { 0x00A92E, 0x00A92F, "Po" },
                { 0x00A930, 0x00A946, "Lo" },
                { 0x00A947, 0x00A951, "Mn" },
                { 0x00A952, 0x00A953, "Mc" },
                { 0x00A960, 0x00A97C, "Lo" },
                { 0x00A980, 0x00A982, "Mn" },
                { 0x00A984, 0x00A9B2, "Lo" },
                { 0x00A9B4, 0x00A9B5, "Mc" },
                { 0x00A9B6, 0x00A9B9, "Mn" },
                { 0x00A9BA, 0x00A9BB, "Mc" },
```

```
                { 0x00A9BC, 0x00A9BD, "Mn" },
                { 0x00A9BE, 0x00A9C0, "Mc" },
                { 0x00A9C1, 0x00A9CD, "Po" },
                { 0x00A9D0, 0x00A9D9, "Nd" },
                { 0x00A9DE, 0x00A9DF, "Po" },
                { 0x00A9E0, 0x00A9E4, "Lo" },
                { 0x00A9E7, 0x00A9EF, "Lo" },
                { 0x00A9F0, 0x00A9F9, "Nd" },
                { 0x00A9FA, 0x00A9FE, "Lo" },
                { 0x00AA00, 0x00AA28, "Lo" },
                { 0x00AA29, 0x00AA2E, "Mn" },
                { 0x00AA2F, 0x00AA30, "Mc" },
                { 0x00AA31, 0x00AA32, "Mn" },
                { 0x00AA33, 0x00AA34, "Mc" },
                { 0x00AA35, 0x00AA36, "Mn" },
                { 0x00AA40, 0x00AA42, "Lo" },
                { 0x00AA44, 0x00AA4B, "Lo" },
                { 0x00AA50, 0x00AA59, "Nd" },
                { 0x00AA5C, 0x00AA5F, "Po" },
                { 0x00AA60, 0x00AA6F, "Lo" },
                { 0x00AA71, 0x00AA76, "Lo" },
                { 0x00AA77, 0x00AA79, "So" },
                { 0x00AA7E, 0x00AAAF, "Lo" },
                { 0x00AAB2, 0x00AAB4, "Mn" },
                { 0x00AAB5, 0x00AAB6, "Lo" },
                { 0x00AAB7, 0x00AAB8, "Mn" },
                { 0x00AAB9, 0x00AABD, "Lo" },
                { 0x00AABE, 0x00AABF, "Mn" },
                { 0x00AADB, 0x00AADC, "Lo" },
                { 0x00AADE, 0x00AADF, "Po" },
                { 0x00AAE0, 0x00AAEA, "Lo" },
                { 0x00AAEC, 0x00AAED, "Mn" },
                { 0x00AAEE, 0x00AAEF, "Mc" },
                { 0x00AAF0, 0x00AAF1, "Po" },
                { 0x00AAF3, 0x00AAF4, "Lm" },
                { 0x00AB01, 0x00AB06, "Lo" },
                { 0x00AB09, 0x00AB0E, "Lo" },
                { 0x00AB11, 0x00AB16, "Lo" },
                { 0x00AB20, 0x00AB26, "Lo" },
                { 0x00AB28, 0x00AB2E, "Lo" },
                { 0x00AB30, 0x00AB5A, "Ll" },
                { 0x00AB5C, 0x00AB5F, "Lm" },
                { 0x00AB60, 0x00AB68, "Ll" },
                { 0x00AB6A, 0x00AB6B, "Sk" },
                { 0x00AB70, 0x00ABBF, "Ll" },
                { 0x00ABC0, 0x00ABE2, "Lo" },
                { 0x00ABE3, 0x00ABE4, "Mc" },
                { 0x00ABE6, 0x00ABE7, "Mc" },
                { 0x00ABE9, 0x00ABEA, "Mc" },
                { 0x00ABF0, 0x00ABF9, "Nd" },
                { 0x00AC00, 0x00D7A3, "Lo" },
                { 0x00D7B0, 0x00D7C6, "Lo" },
                { 0x00D7CB, 0x00D7FB, "Lo" },
                { 0x00D800, 0x00DFFF, "Cs" },
                { 0x00E000, 0x00F8FF, "Co" },
                { 0x00F900, 0x00FA6D, "Lo" },
                { 0x00FA70, 0x00FAD9, "Lo" },
                { 0x00FB00, 0x00FB06, "Ll" },
                { 0x00FB13, 0x00FB17, "Ll" },
                { 0x00FB1F, 0x00FB28, "Lo" },
                { 0x00FB2A, 0x00FB36, "Lo" },
                { 0x00FB38, 0x00FB3C, "Lo" },
                { 0x00FB40, 0x00FB41, "Lo" },
                { 0x00FB43, 0x00FB44, "Lo" },
```

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                { 0x00FB46, 0x00FBB1, "Lo" },
                { 0x00FBB2, 0x00FBC2, "Sk" },
                { 0x00FBD3, 0x00FD3D, "Lo" },
                { 0x00FD40, 0x00FD4F, "So" },
                { 0x00FD50, 0x00FD8F, "Lo" },
                { 0x00FD92, 0x00FDC7, "Lo" },
                { 0x00FDF0, 0x00FDFB, "Lo" },
                { 0x00FDFD, 0x00FDFF, "So" },
                { 0x00FE00, 0x00FE0F, "Mn" },
                { 0x00FE10, 0x00FE16, "Po" },
                { 0x00FE20, 0x00FE2F, "Mn" },
                { 0x00FE31, 0x00FE32, "Pd" },
                { 0x00FE33, 0x00FE34, "Pc" },
                { 0x00FE45, 0x00FE46, "Po" },
                { 0x00FE49, 0x00FE4C, "Po" },
                { 0x00FE4D, 0x00FE4F, "Pc" },
                { 0x00FE50, 0x00FE52, "Po" },
                { 0x00FE54, 0x00FE57, "Po" },
                { 0x00FE5F, 0x00FE61, "Po" },
                { 0x00FE64, 0x00FE66, "Sm" },
                { 0x00FE6A, 0x00FE6B, "Po" },
                { 0x00FE70, 0x00FE74, "Lo" },
                { 0x00FE76, 0x00FEFC, "Lo" },
                { 0x00FF01, 0x00FF03, "Po" },
                { 0x00FF05, 0x00FF07, "Po" },
                { 0x00FF0E, 0x00FF0F, "Po" },
                { 0x00FF10, 0x00FF19, "Nd" },
                { 0x00FF1A, 0x00FF1B, "Po" },
                { 0x00FF1C, 0x00FF1E, "Sm" },
                { 0x00FF1F, 0x00FF20, "Po" },
                { 0x00FF21, 0x00FF3A, "Lu" },
                { 0x00FF41, 0x00FF5A, "Ll" },
                { 0x00FF64, 0x00FF65, "Po" },
                { 0x00FF66, 0x00FF6F, "Lo" },
                { 0x00FF71, 0x00FF9D, "Lo" },
                { 0x00FF9E, 0x00FF9F, "Lm" },
                { 0x00FFA0, 0x00FFBE, "Lo" },
                { 0x00FFC2, 0x00FFC7, "Lo" },
                { 0x00FFCA, 0x00FFCF, "Lo" },
                { 0x00FFD2, 0x00FFD7, "Lo" },
                { 0x00FFDA, 0x00FFDC, "Lo" },
                { 0x00FFE0, 0x00FFE1, "Sc" },
                { 0x00FFE5, 0x00FFE6, "Sc" },
                { 0x00FFE9, 0x00FFEC, "Sm" },
                { 0x00FFED, 0x00FFEE, "So" },
                { 0x00FFF9, 0x00FFFB, "Cf" },
                { 0x00FFFC, 0x00FFFD, "So" },
                { 0x010000, 0x01000B, "Lo" },
                { 0x01000D, 0x010026, "Lo" },
                { 0x010028, 0x01003A, "Lo" },
                { 0x01003C, 0x01003D, "Lo" },
                { 0x01003F, 0x01004D, "Lo" },
                { 0x010050, 0x01005D, "Lo" },
                { 0x010080, 0x0100FA, "Lo" },
                { 0x010100, 0x010102, "Po" },
                { 0x010107, 0x010133, "No" },
                { 0x010137, 0x01013F, "So" },
                { 0x010140, 0x010174, "Nl" },
                { 0x010175, 0x010178, "No" },
                { 0x010179, 0x010189, "So" },
                { 0x01018A, 0x01018B, "No" },
                { 0x01018C, 0x01018E, "So" },
                { 0x010190, 0x01019C, "So" },
                { 0x0101D0, 0x0101FC, "So" },
```

```
                { 0x010280, 0x01029C, "Lo" },
                { 0x0102A0, 0x0102D0, "Lo" },
                { 0x0102E1, 0x0102FB, "No" },
                { 0x010300, 0x01031F, "Lo" },
                { 0x010320, 0x010323, "No" },
                { 0x01032D, 0x010340, "Lo" },
                { 0x010342, 0x010349, "Lo" },
                { 0x010350, 0x010375, "Lo" },
                { 0x010376, 0x01037A, "Mn" },
                { 0x010380, 0x01039D, "Lo" },
                { 0x0103A0, 0x0103C3, "Lo" },
                { 0x0103C8, 0x0103CF, "Lo" },
                { 0x0103D1, 0x0103D5, "Nl" },
                { 0x010400, 0x010427, "Lu" },
                { 0x010428, 0x01044F, "Ll" },
                { 0x010450, 0x01049D, "Lo" },
                { 0x0104A0, 0x0104A9, "Nd" },
                { 0x0104B0, 0x0104D3, "Lu" },
                { 0x0104D8, 0x0104FB, "Ll" },
                { 0x010500, 0x010527, "Lo" },
                { 0x010530, 0x010563, "Lo" },
                { 0x010570, 0x01057A, "Lu" },
                { 0x01057C, 0x01058A, "Lu" },
                { 0x01058C, 0x010592, "Lu" },
                { 0x010594, 0x010595, "Lu" },
                { 0x010597, 0x0105A1, "Ll" },
                { 0x0105A3, 0x0105B1, "Ll" },
                { 0x0105B3, 0x0105B9, "Ll" },
                { 0x0105BB, 0x0105BC, "Ll" },
                { 0x010600, 0x010736, "Lo" },
                { 0x010740, 0x010755, "Lo" },
                { 0x010760, 0x010767, "Lo" },
                { 0x010780, 0x010785, "Lm" },
                { 0x010787, 0x0107B0, "Lm" },
                { 0x0107B2, 0x0107BA, "Lm" },
                { 0x010800, 0x010805, "Lo" },
                { 0x01080A, 0x010835, "Lo" },
                { 0x010837, 0x010838, "Lo" },
                { 0x01083F, 0x010855, "Lo" },
                { 0x010858, 0x01085F, "No" },
                { 0x010860, 0x010876, "Lo" },
                { 0x010877, 0x010878, "So" },
                { 0x010879, 0x01087F, "No" },
                { 0x010880, 0x01089E, "Lo" },
                { 0x0108A7, 0x0108AF, "No" },
                { 0x0108E0, 0x0108F2, "Lo" },
                { 0x0108F4, 0x0108F5, "Lo" },
                { 0x0108FB, 0x0108FF, "No" },
                { 0x010900, 0x010915, "Lo" },
                { 0x010916, 0x01091B, "No" },
                { 0x010920, 0x010939, "Lo" },
                { 0x010980, 0x0109B7, "Lo" },
                { 0x0109BC, 0x0109BD, "No" },
                { 0x0109BE, 0x0109BF, "Lo" },
                { 0x0109C0, 0x0109CF, "No" },
                { 0x0109D2, 0x0109FF, "No" },
                { 0x010A01, 0x010A03, "Mn" },
                { 0x010A05, 0x010A06, "Mn" },
                { 0x010A0C, 0x010A0F, "Mn" },
                { 0x010A10, 0x010A13, "Lo" },
                { 0x010A15, 0x010A17, "Lo" },
                { 0x010A19, 0x010A35, "Lo" },
                { 0x010A38, 0x010A3A, "Mn" },
                { 0x010A40, 0x010A48, "No" },
```

```
                { 0x010A50, 0x010A58, "Po" },
                { 0x010A60, 0x010A7C, "Lo" },
                { 0x010A7D, 0x010A7E, "No" },
                { 0x010A80, 0x010A9C, "Lo" },
                { 0x010A9D, 0x010A9F, "No" },
                { 0x010AC0, 0x010AC7, "Lo" },
                { 0x010AC9, 0x010AE4, "Lo" },
                { 0x010AE5, 0x010AE6, "Mn" },
                { 0x010AEB, 0x010AEF, "No" },
                { 0x010AF0, 0x010AF6, "Po" },
                { 0x010B00, 0x010B35, "Lo" },
                { 0x010B39, 0x010B3F, "Po" },
                { 0x010B40, 0x010B55, "Lo" },
                { 0x010B58, 0x010B5F, "No" },
                { 0x010B60, 0x010B72, "Lo" },
                { 0x010B78, 0x010B7F, "No" },
                { 0x010B80, 0x010B91, "Lo" },
                { 0x010B99, 0x010B9C, "Po" },
                { 0x010BA9, 0x010BAF, "No" },
                { 0x010C00, 0x010C48, "Lo" },
                { 0x010C80, 0x010CB2, "Lu" },
                { 0x010CC0, 0x010CF2, "Ll" },
                { 0x010CFA, 0x010CFF, "No" },
                { 0x010D00, 0x010D23, "Lo" },
                { 0x010D24, 0x010D27, "Mn" },
                { 0x010D30, 0x010D39, "Nd" },
                { 0x010E60, 0x010E7E, "No" },
                { 0x010E80, 0x010EA9, "Lo" },
                { 0x010EAB, 0x010EAC, "Mn" },
                { 0x010EB0, 0x010EB1, "Lo" },
                { 0x010F00, 0x010F1C, "Lo" },
                { 0x010F1D, 0x010F26, "No" },
                { 0x010F30, 0x010F45, "Lo" },
                { 0x010F46, 0x010F50, "Mn" },
                { 0x010F51, 0x010F54, "No" },
                { 0x010F55, 0x010F59, "Po" },
                { 0x010F70, 0x010F81, "Lo" },
                { 0x010F82, 0x010F85, "Mn" },
                { 0x010F86, 0x010F89, "Po" },
                { 0x010FB0, 0x010FC4, "Lo" },
                { 0x010FC5, 0x010FCB, "No" },
                { 0x010FE0, 0x010FF6, "Lo" },
                { 0x011003, 0x011037, "Lo" },
                { 0x011038, 0x011046, "Mn" },
                { 0x011047, 0x01104D, "Po" },
                { 0x011052, 0x011065, "No" },
                { 0x011066, 0x01106F, "Nd" },
                { 0x011071, 0x011072, "Lo" },
                { 0x011073, 0x011074, "Mn" },
                { 0x01107F, 0x011081, "Mn" },
                { 0x011083, 0x0110AF, "Lo" },
                { 0x0110B0, 0x0110B2, "Mc" },
                { 0x0110B3, 0x0110B6, "Mn" },
                { 0x0110B7, 0x0110B8, "Mc" },
                { 0x0110B9, 0x0110BA, "Mn" },
                { 0x0110BB, 0x0110BC, "Po" },
                { 0x0110BE, 0x0110C1, "Po" },
                { 0x0110D0, 0x0110E8, "Lo" },
                { 0x0110F0, 0x0110F9, "Nd" },
                { 0x011100, 0x011102, "Mn" },
                { 0x011103, 0x011126, "Lo" },
                { 0x011127, 0x01112B, "Mn" },
                { 0x01112D, 0x011134, "Mn" },
                { 0x011136, 0x01113F, "Nd" },
```

```
                { 0x011140, 0x011143, "Po" },
                { 0x011145, 0x011146, "Mc" },
                { 0x011150, 0x011172, "Lo" },
                { 0x011174, 0x011175, "Po" },
                { 0x011180, 0x011181, "Mn" },
                { 0x011183, 0x0111B2, "Lo" },
                { 0x0111B3, 0x0111B5, "Mc" },
                { 0x0111B6, 0x0111BE, "Mn" },
                { 0x0111BF, 0x0111C0, "Mc" },
                { 0x0111C1, 0x0111C4, "Lo" },
                { 0x0111C5, 0x0111C8, "Po" },
                { 0x0111C9, 0x0111CC, "Mn" },
                { 0x0111D0, 0x0111D9, "Nd" },
                { 0x0111DD, 0x0111DF, "Po" },
                { 0x0111E1, 0x0111F4, "No" },
                { 0x011200, 0x011211, "Lo" },
                { 0x011213, 0x01122B, "Lo" },
                { 0x01122C, 0x01122E, "Mc" },
                { 0x01122F, 0x011231, "Mn" },
                { 0x011232, 0x011233, "Mc" },
                { 0x011236, 0x011237, "Mn" },
                { 0x011238, 0x01123D, "Po" },
                { 0x011280, 0x011286, "Lo" },
                { 0x01128A, 0x01128D, "Lo" },
                { 0x01128F, 0x01129D, "Lo" },
                { 0x01129F, 0x0112A8, "Lo" },
                { 0x0112B0, 0x0112DE, "Lo" },
                { 0x0112E0, 0x0112E2, "Mc" },
                { 0x0112E3, 0x0112EA, "Mn" },
                { 0x0112F0, 0x0112F9, "Nd" },
                { 0x011300, 0x011301, "Mn" },
                { 0x011302, 0x011303, "Mc" },
                { 0x011305, 0x01130C, "Lo" },
                { 0x01130F, 0x011310, "Lo" },
                { 0x011313, 0x011328, "Lo" },
                { 0x01132A, 0x011330, "Lo" },
                { 0x011332, 0x011333, "Lo" },
                { 0x011335, 0x011339, "Lo" },
                { 0x01133B, 0x01133C, "Mn" },
                { 0x01133E, 0x01133F, "Mc" },
                { 0x011341, 0x011344, "Mc" },
                { 0x011347, 0x011348, "Mc" },
                { 0x01134B, 0x01134D, "Mc" },
                { 0x01135D, 0x011361, "Lo" },
                { 0x011362, 0x011363, "Mc" },
                { 0x011366, 0x01136C, "Mn" },
                { 0x011370, 0x011374, "Mn" },
                { 0x011400, 0x011434, "Lo" },
                { 0x011435, 0x011437, "Mc" },
                { 0x011438, 0x01143F, "Mn" },
                { 0x011440, 0x011441, "Mc" },
                { 0x011442, 0x011444, "Mn" },
                { 0x011447, 0x01144A, "Lo" },
                { 0x01144B, 0x01144F, "Po" },
                { 0x011450, 0x011459, "Nd" },
                { 0x01145A, 0x01145B, "Po" },
                { 0x01145F, 0x011461, "Lo" },
                { 0x011480, 0x0114AF, "Lo" },
                { 0x0114B0, 0x0114B2, "Mc" },
                { 0x0114B3, 0x0114B8, "Mn" },
                { 0x0114BB, 0x0114BE, "Mc" },
                { 0x0114BF, 0x0114C0, "Mn" },
                { 0x0114C2, 0x0114C3, "Mn" },
                { 0x0114C4, 0x0114C5, "Lo" },
```

```
                { 0x0114D0, 0x0114D9, "Nd" },
                { 0x011580, 0x0115AE, "Lo" },
                { 0x0115AF, 0x0115B1, "Mc" },
                { 0x0115B2, 0x0115B5, "Mn" },
                { 0x0115B8, 0x0115BB, "Mc" },
                { 0x0115BC, 0x0115BD, "Mn" },
                { 0x0115BF, 0x0115C0, "Mn" },
                { 0x0115C1, 0x0115D7, "Po" },
                { 0x0115D8, 0x0115DB, "Lo" },
                { 0x0115DC, 0x0115DD, "Mn" },
                { 0x011600, 0x01162F, "Lo" },
                { 0x011630, 0x011632, "Mc" },
                { 0x011633, 0x01163A, "Mn" },
                { 0x01163B, 0x01163C, "Mc" },
                { 0x01163F, 0x011640, "Mn" },
                { 0x011641, 0x011643, "Po" },
                { 0x011650, 0x011659, "Nd" },
                { 0x011660, 0x01166C, "Po" },
                { 0x011680, 0x0116AA, "Lo" },
                { 0x0116AE, 0x0116AF, "Mc" },
                { 0x0116B0, 0x0116B5, "Mn" },
                { 0x0116C0, 0x0116C9, "Nd" },
                { 0x011700, 0x01171A, "Lo" },
                { 0x01171D, 0x01171F, "Mn" },
                { 0x011720, 0x011721, "Mc" },
                { 0x011722, 0x011725, "Mn" },
                { 0x011727, 0x01172B, "Mn" },
                { 0x011730, 0x011739, "Nd" },
                { 0x01173A, 0x01173B, "No" },
                { 0x01173C, 0x01173E, "Po" },
                { 0x011740, 0x011746, "Lo" },
                { 0x011800, 0x01182B, "Lo" },
                { 0x01182C, 0x01182E, "Mc" },
                { 0x01182F, 0x011837, "Mn" },
                { 0x011839, 0x01183A, "Mn" },
                { 0x0118A0, 0x0118BF, "Lu" },
                { 0x0118C0, 0x0118DF, "Ll" },
                { 0x0118E0, 0x0118E9, "Nd" },
                { 0x0118EA, 0x0118F2, "No" },
                { 0x0118FF, 0x011906, "Lo" },
                { 0x01190C, 0x011913, "Lo" },
                { 0x011915, 0x011916, "Lo" },
                { 0x011918, 0x01192F, "Lo" },
                { 0x011930, 0x011935, "Mc" },
                { 0x011937, 0x011938, "Mc" },
                { 0x01193B, 0x01193C, "Mn" },
                { 0x011944, 0x011946, "Po" },
                { 0x011950, 0x011959, "Nd" },
                { 0x0119A0, 0x0119A7, "Lo" },
                { 0x0119AA, 0x0119D0, "Lo" },
                { 0x0119D1, 0x0119D3, "Mc" },
                { 0x0119D4, 0x0119D7, "Mn" },
                { 0x0119DA, 0x0119DB, "Mn" },
                { 0x0119DC, 0x0119DF, "Mc" },
                { 0x011A01, 0x011A0A, "Mn" },
                { 0x011A0B, 0x011A32, "Lo" },
                { 0x011A33, 0x011A38, "Mn" },
                { 0x011A3B, 0x011A3E, "Mn" },
                { 0x011A3F, 0x011A46, "Po" },
                { 0x011A51, 0x011A56, "Mn" },
                { 0x011A57, 0x011A58, "Mc" },
                { 0x011A59, 0x011A5B, "Mn" },
                { 0x011A5C, 0x011A89, "Lo" },
                { 0x011A8A, 0x011A96, "Mn" },
```

```
                { 0x011A98, 0x011A99, "Mn" },
                { 0x011A9A, 0x011A9C, "Po" },
                { 0x011A9E, 0x011AA2, "Po" },
                { 0x011AB0, 0x011AF8, "Lo" },
                { 0x011C00, 0x011C08, "Lo" },
                { 0x011C0A, 0x011C2E, "Lo" },
                { 0x011C30, 0x011C36, "Mn" },
                { 0x011C38, 0x011C3D, "Mn" },
                { 0x011C41, 0x011C45, "Po" },
                { 0x011C50, 0x011C59, "Nd" },
                { 0x011C5A, 0x011C6C, "No" },
                { 0x011C70, 0x011C71, "Po" },
                { 0x011C72, 0x011C8F, "Lo" },
                { 0x011C92, 0x011CA7, "Mn" },
                { 0x011CAA, 0x011CB0, "Mn" },
                { 0x011CB2, 0x011CB3, "Mn" },
                { 0x011CB5, 0x011CB6, "Mn" },
                { 0x011D00, 0x011D06, "Lo" },
                { 0x011D08, 0x011D09, "Lo" },
                { 0x011D0B, 0x011D30, "Lo" },
                { 0x011D31, 0x011D36, "Mn" },
                { 0x011D3C, 0x011D3D, "Mn" },
                { 0x011D3F, 0x011D45, "Mn" },
                { 0x011D50, 0x011D59, "Nd" },
                { 0x011D60, 0x011D65, "Lo" },
                { 0x011D67, 0x011D68, "Lo" },
                { 0x011D6A, 0x011D89, "Lo" },
                { 0x011D8A, 0x011D8E, "Mc" },
                { 0x011D90, 0x011D91, "Mn" },
                { 0x011D93, 0x011D94, "Mc" },
                { 0x011DA0, 0x011DA9, "Nd" },
                { 0x011EE0, 0x011EF2, "Lo" },
                { 0x011EF3, 0x011EF4, "Mn" },
                { 0x011EF5, 0x011EF6, "Mc" },
                { 0x011EF7, 0x011EF8, "Po" },
                { 0x011FC0, 0x011FD4, "No" },
                { 0x011FD5, 0x011FDC, "So" },
                { 0x011FDD, 0x011FE0, "Sc" },
                { 0x011FE1, 0x011FF1, "So" },
                { 0x012000, 0x012399, "Lo" },
                { 0x012400, 0x01246E, "Nl" },
                { 0x012470, 0x012474, "Po" },
                { 0x012480, 0x012543, "Lo" },
                { 0x012F90, 0x012FF0, "Lo" },
                { 0x012FF1, 0x012FF2, "Po" },
                { 0x013000, 0x01342E, "Lo" },
                { 0x013430, 0x013438, "Cf" },
                { 0x014400, 0x014646, "Lo" },
                { 0x016800, 0x016A38, "Lo" },
                { 0x016A40, 0x016A5E, "Lo" },
                { 0x016A60, 0x016A69, "Nd" },
                { 0x016A6E, 0x016A6F, "Po" },
                { 0x016A70, 0x016ABE, "Lo" },
                { 0x016AC0, 0x016AC9, "Nd" },
                { 0x016AD0, 0x016AED, "Lo" },
                { 0x016AF0, 0x016AF4, "Mn" },
                { 0x016B00, 0x016B2F, "Lo" },
                { 0x016B30, 0x016B36, "Mn" },
                { 0x016B37, 0x016B3B, "Po" },
                { 0x016B3C, 0x016B3F, "So" },
                { 0x016B40, 0x016B43, "Lm" },
                { 0x016B50, 0x016B59, "Nd" },
                { 0x016B5B, 0x016B61, "No" },
                { 0x016B63, 0x016B77, "Lo" },
```

```
		{ 0x016B7D, 0x016B8F, "Lo" },
		{ 0x016E40, 0x016E5F, "Lu" },
		{ 0x016E60, 0x016E7F, "Ll" },
		{ 0x016E80, 0x016E96, "No" },
		{ 0x016E97, 0x016E9A, "Po" },
		{ 0x016F00, 0x016F4A, "Lo" },
		{ 0x016F51, 0x016F87, "Mc" },
		{ 0x016F8F, 0x016F92, "Mn" },
		{ 0x016F93, 0x016F9F, "Lm" },
		{ 0x016FE0, 0x016FE1, "Lm" },
		{ 0x016FF0, 0x016FF1, "Mc" },
		{ 0x017000, 0x0187F7, "Lo" },
		{ 0x018800, 0x018CD5, "Lo" },
		{ 0x018D00, 0x018D08, "Lo" },
		{ 0x01AFF0, 0x01AFF3, "Lm" },
		{ 0x01AFF5, 0x01AFFB, "Lm" },
		{ 0x01AFFD, 0x01AFFE, "Lm" },
		{ 0x01B000, 0x01B122, "Lo" },
		{ 0x01B150, 0x01B152, "Lo" },
		{ 0x01B164, 0x01B167, "Lo" },
		{ 0x01B170, 0x01B2FB, "Lo" },
		{ 0x01BC00, 0x01BC6A, "Lo" },
		{ 0x01BC70, 0x01BC7C, "Lo" },
		{ 0x01BC80, 0x01BC88, "Lo" },
		{ 0x01BC90, 0x01BC99, "Lo" },
		{ 0x01BC9D, 0x01BC9E, "Mn" },
		{ 0x01BCA0, 0x01BCA3, "Cf" },
		{ 0x01CF00, 0x01CF2D, "Mn" },
		{ 0x01CF30, 0x01CF46, "Mn" },
		{ 0x01CF50, 0x01CFC3, "So" },
		{ 0x01D000, 0x01D0F5, "So" },
		{ 0x01D100, 0x01D126, "So" },
		{ 0x01D129, 0x01D164, "So" },
		{ 0x01D165, 0x01D166, "Mc" },
		{ 0x01D167, 0x01D169, "Mn" },
		{ 0x01D16A, 0x01D16C, "So" },
		{ 0x01D16D, 0x01D172, "Mc" },
		{ 0x01D173, 0x01D17A, "Cf" },
		{ 0x01D17B, 0x01D182, "Mn" },
		{ 0x01D183, 0x01D184, "So" },
		{ 0x01D185, 0x01D18B, "Mn" },
		{ 0x01D18C, 0x01D1A9, "So" },
		{ 0x01D1AA, 0x01D1AD, "Mn" },
		{ 0x01D1AE, 0x01D1EA, "So" },
		{ 0x01D200, 0x01D241, "So" },
		{ 0x01D242, 0x01D244, "Mn" },
		{ 0x01D2E0, 0x01D2F3, "No" },
		{ 0x01D300, 0x01D356, "So" },
		{ 0x01D360, 0x01D378, "No" },
		{ 0x01D400, 0x01D419, "Lu" },
		{ 0x01D41A, 0x01D433, "Ll" },
		{ 0x01D434, 0x01D44D, "Lu" },
		{ 0x01D44E, 0x01D454, "Ll" },
		{ 0x01D456, 0x01D467, "Ll" },
		{ 0x01D468, 0x01D481, "Lu" },
		{ 0x01D482, 0x01D49B, "Ll" },
		{ 0x01D49E, 0x01D49F, "Lu" },
		{ 0x01D4A5, 0x01D4A6, "Lu" },
		{ 0x01D4A9, 0x01D4AC, "Lu" },
		{ 0x01D4AE, 0x01D4B5, "Lu" },
		{ 0x01D4B6, 0x01D4B9, "Ll" },
		{ 0x01D4BD, 0x01D4C3, "Ll" },
		{ 0x01D4C5, 0x01D4CF, "Ll" },
		{ 0x01D4D0, 0x01D4E9, "Lu" },
```

```
                { 0x01D4EA, 0x01D503, "Ll" },
                { 0x01D504, 0x01D505, "Lu" },
                { 0x01D507, 0x01D50A, "Lu" },
                { 0x01D50D, 0x01D514, "Lu" },
                { 0x01D516, 0x01D51C, "Lu" },
                { 0x01D51E, 0x01D537, "Ll" },
                { 0x01D538, 0x01D539, "Lu" },
                { 0x01D53B, 0x01D53E, "Lu" },
                { 0x01D540, 0x01D544, "Lu" },
                { 0x01D54A, 0x01D550, "Lu" },
                { 0x01D552, 0x01D56B, "Ll" },
                { 0x01D56C, 0x01D585, "Lu" },
                { 0x01D586, 0x01D59F, "Ll" },
                { 0x01D5A0, 0x01D5B9, "Lu" },
                { 0x01D5BA, 0x01D5D3, "Ll" },
                { 0x01D5D4, 0x01D5ED, "Lu" },
                { 0x01D5EE, 0x01D607, "Ll" },
                { 0x01D608, 0x01D621, "Lu" },
                { 0x01D622, 0x01D63B, "Ll" },
                { 0x01D63C, 0x01D655, "Lu" },
                { 0x01D656, 0x01D66F, "Ll" },
                { 0x01D670, 0x01D689, "Lu" },
                { 0x01D68A, 0x01D6A5, "Ll" },
                { 0x01D6A8, 0x01D6C0, "Lu" },
                { 0x01D6C2, 0x01D6DA, "Ll" },
                { 0x01D6DC, 0x01D6E1, "Ll" },
                { 0x01D6E2, 0x01D6FA, "Lu" },
                { 0x01D6FC, 0x01D714, "Ll" },
                { 0x01D716, 0x01D71B, "Ll" },
                { 0x01D71C, 0x01D734, "Lu" },
                { 0x01D736, 0x01D74E, "Ll" },
                { 0x01D750, 0x01D755, "Ll" },
                { 0x01D756, 0x01D76E, "Lu" },
                { 0x01D770, 0x01D788, "Ll" },
                { 0x01D78A, 0x01D78F, "Ll" },
                { 0x01D790, 0x01D7A8, "Lu" },
                { 0x01D7AA, 0x01D7C2, "Ll" },
                { 0x01D7C4, 0x01D7C9, "Ll" },
                { 0x01D7CE, 0x01D7FF, "Nd" },
                { 0x01D800, 0x01D9FF, "So" },
                { 0x01DA00, 0x01DA36, "Mn" },
                { 0x01DA37, 0x01DA3A, "So" },
                { 0x01DA3B, 0x01DA6C, "Mn" },
                { 0x01DA6D, 0x01DA74, "So" },
                { 0x01DA76, 0x01DA83, "So" },
                { 0x01DA85, 0x01DA86, "So" },
                { 0x01DA87, 0x01DA8B, "Po" },
                { 0x01DA9B, 0x01DA9F, "Mn" },
                { 0x01DAA1, 0x01DAAF, "Mn" },
                { 0x01DF00, 0x01DF09, "Ll" },
                { 0x01DF0B, 0x01DF1E, "Ll" },
                { 0x01E000, 0x01E006, "Mn" },
                { 0x01E008, 0x01E018, "Mn" },
                { 0x01E01B, 0x01E021, "Mn" },
                { 0x01E023, 0x01E024, "Mn" },
                { 0x01E026, 0x01E02A, "Mn" },
                { 0x01E100, 0x01E12C, "Lo" },
                { 0x01E130, 0x01E136, "Mn" },
                { 0x01E137, 0x01E13D, "Lm" },
                { 0x01E140, 0x01E149, "Nd" },
                { 0x01E290, 0x01E2AD, "Lo" },
                { 0x01E2C0, 0x01E2EB, "Lo" },
                { 0x01E2EC, 0x01E2EF, "Mn" },
                { 0x01E2F0, 0x01E2F9, "Nd" },
```

```
                { 0x01E7E0, 0x01E7E6, "Lo" },
                { 0x01E7E8, 0x01E7EB, "Lo" },
                { 0x01E7ED, 0x01E7EE, "Lo" },
                { 0x01E7F0, 0x01E7FE, "Lo" },
                { 0x01E800, 0x01E8C4, "Lo" },
                { 0x01E8C7, 0x01E8CF, "No" },
                { 0x01E8D0, 0x01E8D6, "Mn" },
                { 0x01E900, 0x01E921, "Lu" },
                { 0x01E922, 0x01E943, "Ll" },
                { 0x01E944, 0x01E94A, "Mn" },
                { 0x01E950, 0x01E959, "Nd" },
                { 0x01E95E, 0x01E95F, "Po" },
                { 0x01EC71, 0x01ECAB, "No" },
                { 0x01ECAD, 0x01ECAF, "No" },
                { 0x01ECB1, 0x01ECB4, "No" },
                { 0x01ED01, 0x01ED2D, "No" },
                { 0x01ED2F, 0x01ED3D, "No" },
                { 0x01EE00, 0x01EE03, "Lo" },
                { 0x01EE05, 0x01EE1F, "Lo" },
                { 0x01EE21, 0x01EE22, "Lo" },
                { 0x01EE29, 0x01EE32, "Lo" },
                { 0x01EE34, 0x01EE37, "Lo" },
                { 0x01EE4D, 0x01EE4F, "Lo" },
                { 0x01EE51, 0x01EE52, "Lo" },
                { 0x01EE61, 0x01EE62, "Lo" },
                { 0x01EE67, 0x01EE6A, "Lo" },
                { 0x01EE6C, 0x01EE72, "Lo" },
                { 0x01EE74, 0x01EE77, "Lo" },
                { 0x01EE79, 0x01EE7C, "Lo" },
                { 0x01EE80, 0x01EE89, "Lo" },
                { 0x01EE8B, 0x01EE9B, "Lo" },
                { 0x01EEA1, 0x01EEA3, "Lo" },
                { 0x01EEA5, 0x01EEA9, "Lo" },
                { 0x01EEAB, 0x01EEBB, "Lo" },
                { 0x01EEF0, 0x01EEF1, "Sm" },
                { 0x01F000, 0x01F02B, "So" },
                { 0x01F030, 0x01F093, "So" },
                { 0x01F0A0, 0x01F0AE, "So" },
                { 0x01F0B1, 0x01F0BF, "So" },
                { 0x01F0C1, 0x01F0CF, "So" },
                { 0x01F0D1, 0x01F0F5, "So" },
                { 0x01F100, 0x01F10C, "No" },
                { 0x01F10D, 0x01F1AD, "So" },
                { 0x01F1E6, 0x01F202, "So" },
                { 0x01F210, 0x01F23B, "So" },
                { 0x01F240, 0x01F248, "So" },
                { 0x01F250, 0x01F251, "So" },
                { 0x01F260, 0x01F265, "So" },
                { 0x01F300, 0x01F3FA, "So" },
                { 0x01F3FB, 0x01F3FF, "Sk" },
                { 0x01F400, 0x01F6D7, "So" },
                { 0x01F6DD, 0x01F6EC, "So" },
                { 0x01F6F0, 0x01F6FC, "So" },
                { 0x01F700, 0x01F773, "So" },
                { 0x01F780, 0x01F7D8, "So" },
                { 0x01F7E0, 0x01F7EB, "So" },
                { 0x01F800, 0x01F80B, "So" },
                { 0x01F810, 0x01F847, "So" },
                { 0x01F850, 0x01F859, "So" },
                { 0x01F860, 0x01F887, "So" },
                { 0x01F890, 0x01F8AD, "So" },
                { 0x01F8B0, 0x01F8B1, "So" },
                { 0x01F900, 0x01FA53, "So" },
                { 0x01FA60, 0x01FA6D, "So" },
```

```
                { 0x01FA70, 0x01FA74, "So" },
                { 0x01FA78, 0x01FA7C, "So" },
                { 0x01FA80, 0x01FA86, "So" },
                { 0x01FA90, 0x01FAAC, "So" },
                { 0x01FAB0, 0x01FABA, "So" },
                { 0x01FAC0, 0x01FAC5, "So" },
                { 0x01FAD0, 0x01FAD9, "So" },
                { 0x01FAE0, 0x01FAE7, "So" },
                { 0x01FAF0, 0x01FAF6, "So" },
                { 0x01FB00, 0x01FB92, "So" },
                { 0x01FB94, 0x01FBCA, "So" },
                { 0x01FBF0, 0x01FBF9, "Nd" },
                { 0x020000, 0x02A6DF, "Lo" },
                { 0x02A700, 0x02B738, "Lo" },
                { 0x02B740, 0x02B81D, "Lo" },
                { 0x02B820, 0x02CEA1, "Lo" },
                { 0x02CEB0, 0x02EBE0, "Lo" },
                { 0x02F800, 0x02FA1D, "Lo" },
                { 0x030000, 0x03134A, "Lo" },
                { 0x0E0020, 0x0E007F, "Cf" },
                { 0x0E0100, 0x0E01EF, "Mn" },
                { 0x0F0000, 0x0FFFFD, "Co" },
                { 0x100000, 0x10FFFD, "Co" },
        },
        long_names = {
                C  = "Other",
                Cc = "Control",
                Cf = "Format",
                Cn = "Unassigned",
                Co = "Private_Use",
                Cs = "Surrogate",
                L  = "Letter",
                LC = "Cased_Letter",
                Ll = "Lowercase_Letter",
                Lm = "Modifier_Letter",
                Lo = "Other_Letter",
                Lt = "Titlecase_Letter",
                Lu = "Uppercase_Letter",
                M  = "Mark",
                Mc = "Spacing_Mark",
                Me = "Enclosing_Mark",
                Mn = "Nonspacing_Mark",
                N  = "Number",
                Nd = "Decimal_Number",
                Nl = "Letter_Number",
                No = "Other_Number",
                P  = "Punctuation",
                Pc = "Connector_Punctuation",
                Pd = "Dash_Punctuation",
                Pe = "Close_Punctuation",
                Pf = "Final_Punctuation",
                Pi = "Initial_Punctuation",
                Po = "Other_Punctuation",
                Ps = "Open_Punctuation",
                S  = "Symbol",
                Sc = "Currency_Symbol",
                Sk = "Modifier_Symbol",
                Sm = "Math_Symbol",
                So = "Other_Symbol",
                Z  = "Separator",
                Zl = "Line_Separator",
                Zp = "Paragraph_Separator",
                Zs = "Space_Separator",
        },
```

```
}
```

Modul:Unicode data/category/Doku

Dies ist die Dokumentationsseite für Modul:Unicode data/category

Unicode General Category data generated by Module:Unicode data/category/make from DerivedGeneralCategory.txt and PropertyValueAliases.txt in the Unicode Character Database. The category Cn (Unassigned) is omitted because it is the default for characters not assigned to another category.