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Modul:DecodeEncode/Doku

Dies ist die Dokumentationsseite für Modul:DecodeEncode

Implements Lua functions mw.text.decode, mw.text.encode in a module.

`{{#invoke:decodeEncode|decode|s=Source text}}` → `Source text`

See List of XML and HTML character entity references.

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Decode (© → ©)

Note 2021-09-26: Possible bug: Decoding ` ` works, but ` ` doesn't.
Decodes Named Entities *from* entity name *into* a regular (unicode) character:
`©` → ©
`>` → >

All welldefined named entities are decoded (HTML Named character references, formally: as defined in the PHP table).

A regular, rendered sentence:

"At 100 °F, & with a "burning" sun above, we , we ⁄walked⁄."

In code:

`"At 100 °F, & with a "burning" sun above, we ⁄ walked⁄."` -- wikitext

Processing:
`{{#invoke:decodeEncode|decode|s=At 100 °F, & with a "burning" sun above, we walked.}}` →

`At 100 °F, & with a "burning" sun above, we walked.` -- In code: straight characters, no named entities.

Renders, again:

"At 100 °F, & with a "burning" sun above, we ⁄walked⁄."

Decode a reduced set only

By setting Vorlage:Para, only these five entity names are decoded: '<', '>', '&', '"', ' ' (that is, into '<', '>', '&', '"', ' ').

> **Note**: There is a difference with the relevant Lua parameter. (This only concerns your task if you also work directly with the Lua mw.text.decode function). Lua documentation defines parameter Vorlage:Para, having this effect: when *omitted or false*, only the reduced set of entities is recognized and decoded. This use of 'false' is *inverted* in using Vorlage:Para: Vorlage:Para = Vorlage:Para.
>
> Also, this module ignores the "omitted" logic: Vorlage:Para should be set explicitly to 'true' to be effective.

Encode (© → ©)

> Function `encode` encodes some entity-named characters into that name (for example: `&` → `&`).

Regular sentence:

> "At >100 °F, & with a "burning" sun above, we walked. ©"

In code:

> `"At >100 °F, & with a "burning" sun above, we walked. ©"`

Encode:

> `{{#invoke:decodeEncode|encode|s=At >100 °F, & with a "burning" sun above, we walked. ©|charset=&<>{{!}}°"'&©}}`
>
> →
>
> `At >100 °F, & with a "burning" sun above, we walked. ©`
>
> Renders as:
>
> "At >100 °F, & with a "burning" sun above, we walked. ©"

character set to encode

Per Lua documentation, only a small set of characters is processed. The characterset can be set (expanded) by using Vorlage:Para.

> Example: Vorlage:Para (the default), Vorlage:Para; characters not in the default will be replaced by their decimal entity: `©` → `©` (hexadecimal number, not decimal nor named ©)

Template

NOTE: 2021-09-13: The encode function with user-supplied charset is now used productively in Vorlage:Tl and Vorlage:Tl. Before implementing breaking changes here, these templates need to be adjusted accordingly!

See also

- mw.text.decode
- mw.text.encode

Vorlage:Navbox wikitext-handling templates

- Module:Urldecode