# Modul:Data

This module allows wikitext to read values from data modules.

## Usage

```
{{#invoke:Data|Module:ModuleName|key1|key2|key3|...}}
```

Read data value *key1*.*key2*.*key3* from *Module:ModuleName*.

```lua
local mt = {}

function mt.__index(t, k)
        return function(frame)
                local data = mw.loadData(k)
                local i = 1
                for _,v in ipairs(frame.args) do
                        local ty = type(data)
                        if ty ~= 'table' then
                                local args = {}
                                for j = 1, i - 1 do
                                        args[j] = frame.args[j]
                                end
                                if frame.args.softfail then
                                        return '<span class="error">[[Category:Pa
                                else
                                        error('Tried to read index "' .. v .. '"
                                end
                        end
                        data = data[v]
                        i = i + 1
                end
                return data
        end
end

return setmetatable({}, mt)
```