struct Plugin

—- plugin —- description: A new structured data plugin author : Anna Dabrowska, Michael Große, Andreas Gohr email : dokuwiki@cosmocode.de type : syntax, admin, action, remote lastupdate : 2025-09-24 compatible : !Frusterick Manners, !Greebo, !Hogfather, !Igor, Jack Jackrum, Kaos, Librarian depends : sqlite conflicts : discussion, ckgedit similar : data, strata tags : database, sqlite, data

downloadurl: https://github.com/cosmocode/dokuwiki-plugin-struct/zipball/master bugtracker : https://github.com/cosmocode/dokuwiki-plugin-struct/issues sourcerepo : https://github.com/cosmocode/dokuwiki-plugin-struct/ donationurl:

screenshot_img :

Why “struct” instead of “data”?

This plugin draws heavy inspiration from the Data plugin. It basically tries to solve the same problem of assigning structured data to pages and build automatic aggregations from it.

So why another plugin? The data plugin proved to be very useful and versatile but had a few shortcomings:

- each page defined its own set of structured data
- there was no central way to ensure the structured data was consistent over multiple pages
- there was no easy way to modify the structured data set for multiple pages
- there was no validation for the data entered

Last not least this struct plugin is supported by the move plugin.

The Bureaucracy plugin helped with some of the points but not all of them. So Struct tries to rethink the Data plugin:

- structured data is classified in *schemas*
- a schema holds a set of *fields*
- fields have a specific *type*
- types control how the data is displayed and validated
- types have specific configuration within the schema
- schemas are managed centrally in an admin interface
- pages are assigned schemas through *namespace patterns*
- changing a schema changes it for all associated pages
- the structured data is no longer part of the page syntax
- data is only edited via a dedicated form within the standard editor or through inline editing
- it is possible to create *global* data not attached to any page [1)]
- global data can be used as data source for lookup dropdowns
- *serial* data is a collection of data structures belonging to certain pages
- all crucial code is covered by automated tests

This allows for central management of wanted structured data while keeping the functionality of the

data plugin.

COSMO CODE
This is an Open Source plugin by CosmoCode. You can use it under the terms of the GPL.
If you need professional support or like to have it customized to your needs, contact us.

Installation

External requirements: This plugin requires the following additional components that must be installed separately:

- SQLite Plugin

Search and install the plugin using the Extension Manager. Refer to Plugins on how to install plugins manually.

Usage

Please refer to the following pages to learn how to use the plugin:

- Schema Editing
  - Configuration
  - Types
  - Import/Export
    - CSV Import
    - CSV Export
  - Delete
  - Rename
- Page Data Assignments
- Editing Global Data
- Editing Serial Data
- Aggregation
  - Aggregation Types
    - Table
    - List
    - Value
  - Aggregation Control
    - Filter Control
    - Cloud Control
  - Filters
  - Inline Editing
  - CSV Export
- Permissions

- Developer Support
- remote API
- Struct Integration into other Plugins
- Plugins to extend Struct
- Database internals

Here a complete overview of all sub-pages to struct plugin.

Samples

- Samples

Development

Change Log

- Version upped (2026/09/22 04:26)
- Merge pull request #756 from splitbrain-bot/fix/serial-data-page-perm… (2026/09/21 22:07)
- delete serial rows by page and row id (2026/09/21 22:04)
- require page edit permission for serial data (2026/09/21 22:04)
- Version upped (2026/08/28 09:28)
- fix media file selection in bureaucracy forms (2026/08/27 12:56)
- Version upped (2026/07/09 03:02)
- remove obsolete Doku_Lexer compatibility code (2026/07/08 10:18)

Known Bugs and Issues

Please report bugs and issues at https://github.com/cosmocode/dokuwiki-plugin-struct/issues

Accessibility notice

:warning: :a11y: From michalrada: This plugin is fantastic. Unfortunatelly there isnt easy way to edit whole records for global and serial data with screenreader. Reported to author, but you may know it. Hope it will be solved.

1)
referred to as *lookup* in previous versions of struct

From:
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Permanent link:
https://wwoss.ru/doku.php?id=wiki:plugin:struct

Last update: **2026/01/18 15:40**