

FABRIK

Application Builder for Joomla

PRESENTED BY:

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Fabrik for Joomla

What is Fabrik?

Fabrik is an open source Joomla application builder component.

Fabrik gives people the power to create forms, tables and visualizations that run inside Joomla without requiring knowledge of mySQL and PHP, all from within the familiar Joomla administration interface.

With Fabrik you can create applications that range in complexity from simple contact forms to complex applications such as a job application site or bug tracking systems.

Fabrik for Joomla

Content Construction Kits vs. Application Builder

CCK BEST SUITED FOR INFORMATIONAL WEBSITES

- Examples
 - K2
 - Breezing Forms/Content Builder

APPLICATION BUILDER FOR YOUR OWN DATA STRUCTURES

- Examples
 - Seblod
 - Cobalt
 - Fabrik

Fabrik for Joomla

What I'll go over:

- Product Summary and First Impressions
- Documentation (or the lack thereof)
- Configuration/Installation
- Perspective as an End User/Maintainer
- Perspective as a Dev/Designer

What I won't be covering:

- Discussion of the Individual extensions/plugins available

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Features of Fabrik Application Builder

FORMS

- Multipage
- Ajax
- Repeatable sections
- 30+ Elements
- 20+ Plugins
- Ajax validations
- 10+ validation plugins

LISTS

- Create new list, or connect to existing databases!
- Fully relational
- Fine grained ACL
- Inline editing
- Superb filtering / pre-filtering /grouping
- Templates
- 5+ Plugins

VISUALIZATIONS

- Explore your data with
 - Calendars
 - Charts
 - Maps
- Fully integrated with Fabrik lists & forms

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Features of Fabrik Application Builder

IMPORT / EXPORT / EXTEND

- Excel & standard CSV export
- RSS feeds
- Plugins are standard Joomla plugins
- Connect to external MySQL databases

SCHEDULE TASKS

- Send emails
- Sync calendars
- Geocode data
- Run custom PHP scripts

WEBSERVICE INTEGRATION

- Google (Maps/charts/calendar/gmail)
- Re-captcha
- Comments
- Mail chimp
- Twitter
- PayPal
- Salesforce
- Facebook (comments / like / recommendations)
- Send SMS

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Lists – roughly analogous to views in the database
 - ❖ Create joins on multiple database tables
 - ❖ Supports relational views
 - ❖ Can have multiple lists pointing to same table
 - ✓ Granular access control
 - ✓ Varied filtering, grouping, and presentation
 - ❖ Define CSV Import/Export capabilities

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Forms – are at the center of Fabrik
 - ❖ Collect data from users
 - ❖ Access database table for viewing and editing data

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Forms – are at the center of Fabrik

❖ 32 Form plugins provide integration to other web services end extensions

Alphauserpoints form plugin

Article form plugin [+]

Autofill form plugin

Can Edit Row form plugin (+)

Clone form plugin

Comment form plugin

Confirmation form plugin

Email form plugin

EXIF form plugin

Firefox contacts form plugin

FTP form plugin

J2store form plugin

Javascript form plugin

Joomla user form plugin

Kunena form plugin

Limit form plugin

Logs form plugin

Mailchimp form plugin

Notification form plugin

Paginate form plugin

Paypal form plugin

PHP form plugin

pingdotfm form plugin

Receipt form plugin

Redirect form plugin

REST form plugin

Salesforce form plugin

SMS form plugin

Subscriptions form plugin (+)

Twitter form plugin

Upsert form plugin

VBforum form plugin

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Groups – are collections of Elements present on a Form
 - ❖ Think of Groups as analogous to the html <fieldset> element
 - ❖ Forms contain 1 or more Groups
 - ❖ An Element must be assigned to a Group to appear on a Form
 - ❖ Utilized for multipage form pagination

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Elements – individual fields present on a form and the column names in your database table.
 - ❖ Lots of Element types - referred to as Element plugins

Access element (+)	Digital Signature element	IP element	Textarea element
Birthday element	Display text element	Javascript Periodical element	Thumbs element
Button element	Dropdown element	Kaltura element	Time element
Calculation element	Facebook Comment element	Link element	Timer element
Captcha element	Facebook Like element	Notes element	Timestamp element
Cascading DropDown element	Field element	OpenStreetMap element	Twitter Profile element
Checkbox element	File Upload element	Password Change element	User element
Colour Picker element	Folder element	Picklist element	User group element
Count element (+)	Google Map element	Radio Button element	Video element
Database join element	Google-O-Meter element	Rating element	View level element
Date element	Image element	Slider element	YesNo element
Digg element	Internal id element	Tags element	Youtube element

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Elements – individual fields present on a form and the column names in your database table.

- ❖ Cascading dropdowns supported

- ❖ Validation rules - via plugins including custom PHP scripts

- Is numeric

- Open Provider

- Akismet

- Are Unique Values

- Email exists

- Is alphanumeric

- Is email

- Is greater or less than

- Is not

- Not Empty

- Custom PHP

- Regex

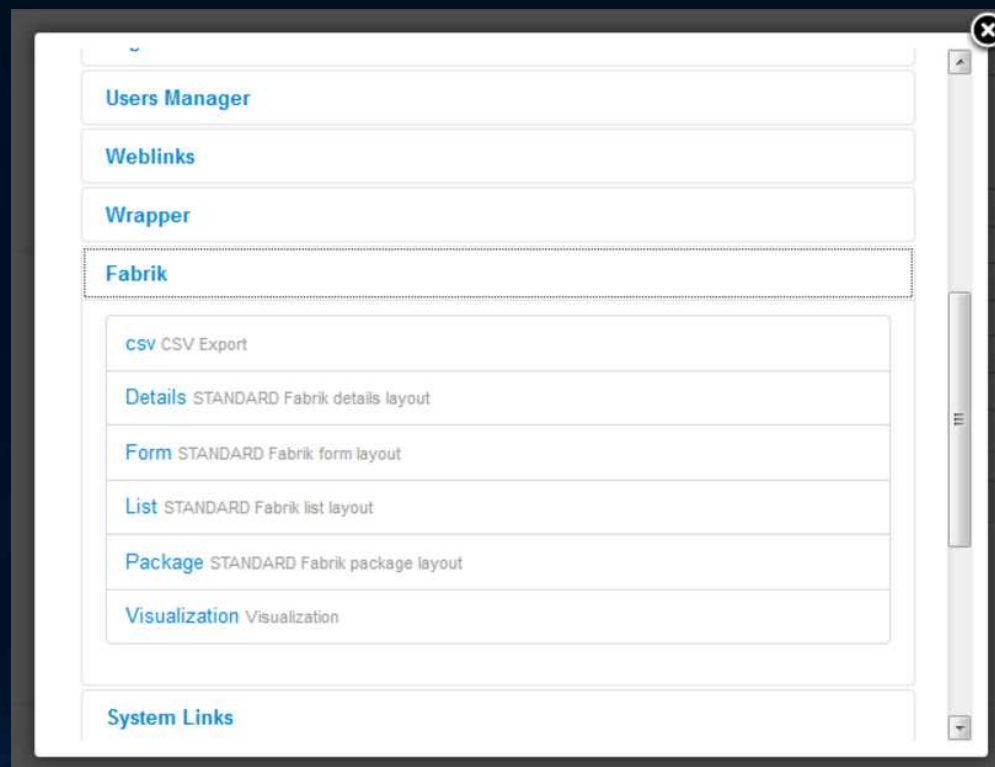
- Special characters

- User Exists

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Menu items – direct access to Fabrik functions:

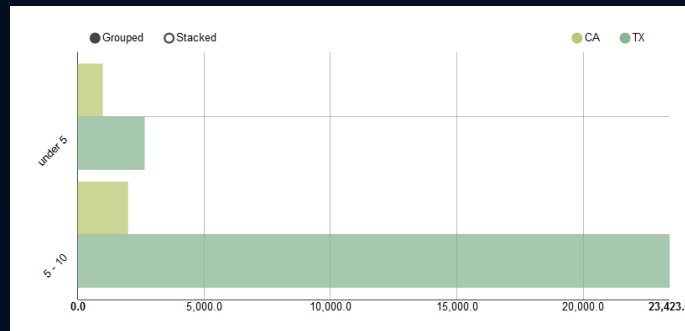


Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Visualizations – show data from your database as:

- ❖ Charts
- ❖ Maps
- ❖ Calendars
- ❖ and more...



Approvals visualization (+)
Calendar visualization
Chart visualization (+)
Coverflow visualization (+)
Fusion Charts visualization (+)
Fusion Gantt visualization
Google Chart visualization

Google Maps visualization
Kaltura visualization
Media visualization
Nvd3 Chart visualization
Slideshow visualization (+)
Timeline visualization

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Packages – allows creation of installable components from a collection of your Fabrik forms, lists and visualizations
 - ❖ These components can be installed on any Joomla site which already has Fabrik installed.
 - ❖ Requires same Fabrik and Joomla release level on installation site
- Connections – allow connection to the Joomla database as well as other MySQL databases

Fabrik for Joomla – Core

Fabrik provides for the definition and management of:

- Schedule – define tasks that are run repeatedly at a given time and interval
 - ❖ Requires installed and published Fabrik schedule system plug-in
 - ❖ Tasks include:
 - Email scheduled task
 - Geocode scheduled task
 - GMail scheduled task (+)
 - Google Cal Sync scheduled task
 - Import csv scheduled task
 - Notification scheduled task
 - PHP scheduled task

Fabrik for Joomla

Documentation:

- Utilizes a wiki
 - ❖ Extensive with respect to core functions and features
 - ❖ Content diminishes in the plugin area especially for those less frequently used
- Basic video tutorials available

Installation/Configuration

- Installation is via the standard Joomla installer
- A core set of frequently used plugins automatically installed
- Additional plugins can be downloaded and installed as needed

Fabrik for Joomla

Impressions and Observations:

- Powerful extension → complex
- Steeper learning curve than average Joomla CCK extension
- Component configuration can be frustrating at first
- More complex application places emphasis on upfront design
- Fabrik website initially appears light on info, forum area good source of information
- Subscription support plans available