openbiz-cubi
Rapid PHP Application Development Platform

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CubiCIME
describe Cubi inline metadata editor
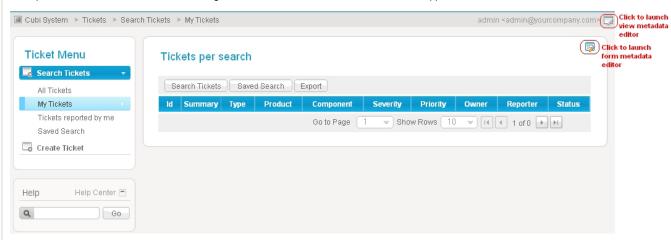Phase-Implementation

Updated Jul 1, 2011 by rockys...@gmail.com

Cubi In-app Metadata Editor (CIME)

n order to help developers to edit metadata more intuitively, Cubi provides in-app metadata editor (CIME) through its tool module.

Turn on/off CIME in Cubi application

If 'APPBUILDER' is set to 1 in cubi/bin/app_init.php, the CIME is enabled in application pages. In CIME mode, a small icon will appear at the left-top corner of each view and form. Clicking on the icon will launch a new window with in-app metadata editor.

General instructions using metadata editor

Edit node attributes

To edit a node attribute, click left tree node to load the attributes edit form in the right area.

Add and delete node

To add an child node, right-click on an node, select "Create" menu item. Then type in a name of the new child node.

To delete an node, right-click on the node, select "Delete" menu item. Then click "OK" in the delete confirmation popup.
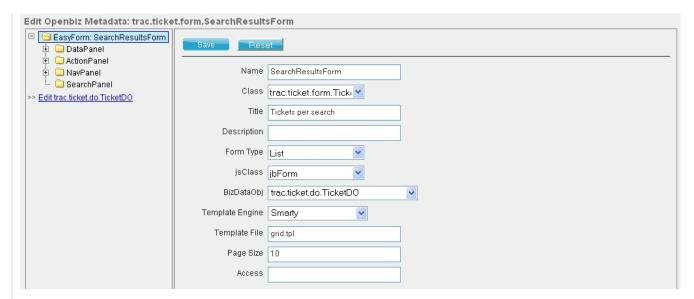
Move a node

To move a node, drag the node and drop it to a new position in the same sub tree.
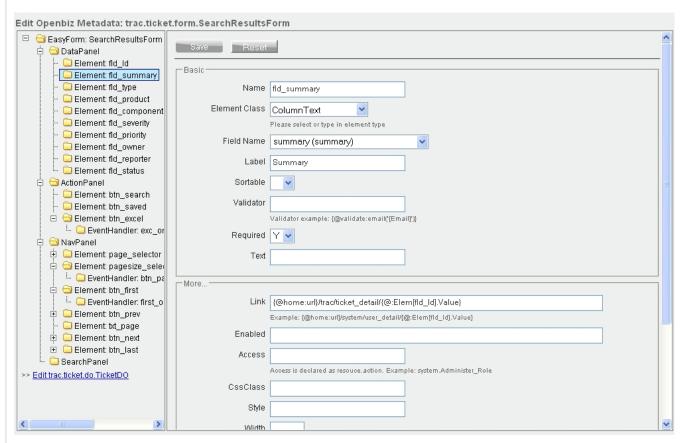
Edit Form metadata

The first page of Form metadata editor. If the form has DataObject attribute, it provide a link to edit DataObject metadata.

Edit form attributes

Edit Openbiz Metadata: trac.ticket.form.SearchResultsForm

- EasyForm: SearchResultsForm
  - DataPanel
  - ActionPanel
  - NavPanel
  - SearchPanel
- >> Edit trac.ticket.do.TicketDO

Name	SearchResultsForm
Class	trac.ticket.form.Ticke
Title	Tickets per search
Description	
Form Type	List
jsClass	jbForm
BizDataObj	trac.ticket.do.TicketDO
Template Engine	Smarty
Template File	grid.tpl
Page Size	10
Access	

Save   Reset

Edit form element attributes

Edit Openbiz Metadata: trac.ticket.form.SearchResultsForm

- EasyForm: SearchResultsForm
  - DataPanel
    - Element: fld_Id
    - Element: fld_summary
    - Element: fld_type
    - Element: fld_product
    - Element: fld_component
    - Element: fld_severity
    - Element: fld_priority
    - Element: fld_owner
    - Element: fld_reporter
    - Element: fld_status
  - ActionPanel
    - Element: btn_search
    - Element: btn_saved
    - Element: btn_excel
      - EventHandler: exc_or
  - NavPanel
    - Element: page_selector
    - Element: pagesize_seler
      - EventHandler: btn_pa
    - Element: btn_first
      - EventHandler: first_o
    - Element: btn_prev
    - Element: txt_page
    - Element: btn_next
    - Element: btn_last
  - SearchPanel
- >> Edit trac.ticket.do.TicketDO

Save   Reset

Basic

Name	fld_summary
Element Class	ColumnText
	Please select or type in element type
Field Name	summary (summary)
Label	Summary
Sortable	
Validator	
	Validator example: {@validate:email('[Email]')}
Required	Y
Text	

More...

Link	{@home:url}/trac/ticket_detail/{@:Elem[fld_Id].Value}
	Example: {@home:url}/system/user_detail/{@:Elem[fld_Id].Value}
Enabled	
Access	
	Access is declared as resouce.action. Example: system.Administer_Role
CssClass	
Style	
Width	

Edit DataObject metadata

Clicking on the DataObj link on Form metadata editor to load DataObject metadata editor. On the DataObject metadata editor, clicking the link "Back to ..." will take user back to Form metadata editor.

Edit Openbiz Metadata: trac.ticket.do.TicketDO

- BizDataObj: TicketDO
  - BizFieldList
  - TableJoins
  - ObjReferences
- << Back to
- trac.ticket.form.SearchResultsForm

Element Attribute Editing Area

Click left tree node to edit its attributes.

Edit DataObject attributes

BizDataObj: TicketDO
- BizFieldList
- TableJoins
- ObjReferences

<< Back to
trac.ticket.form.SearchResultsForm

| Save | Reset |

Name	TicketDO
Class	BizDataObj
Description	
Database Name	Default
Table	trac_ticket
SearchRule	
SortRule	
OtherSQLRule	
ID Generation	
AccessSQLRule	
UpdateCondition	
DeleteCondition	
Uniqueness	
CacheLifeTime	

Edit DataObject field attributes

BizDataObj: TicketDO
- BizFieldList
  - BizField: Id
  - BizField: type
  - BizField: time
  - BizField: changetime
  - BizField: product_id
  - BizField: product
  - BizField: component_
  - BizField: component
  - BizField: severity
  - BizField: priority
  - BizField: owner_id
  - BizField: owner
  - BizField: reporter_id
  - BizField: reporter
  - BizField: cc
  - BizField: version_id
  - BizField: version
  - BizField: milestone_id
  - BizField: milestone
  - BizField: status
  - BizField: resolution
  - BizField: summary
  - BizField: description
  - BizField: keywords
- TableJoins
  - Join: product
  - Join: component
  - Join: owner
  - Join: reporter
  - Join: version

| Save | Reset |

Name	product
Class	
Join	product (trac_product.id)
Column	name (varchar)
SQL Expression	
Type	
Format	
Default Value	
Calculated Value	
Required	
Validator	
Value on create	

The value set on data creation. Example: {@profile:Id} for creator, {date('Y-m-d H:i:s')} for creation time

| Value on update | |

The value set on data update Example: {@profile:Id} for updator, {date('Y-m-d H:i:s')} for update time

| OnAudit | |

Edit View metadata

The first page of view metadata editor

EasyView: SearchTicketView
- FormReferences

Element Attribute Editing Area

Click left tree node to edit its attributes.

Edit view attributes

Edit Openbiz Metadata: trac.view.SearchTicketView

- ⊟ 📁 EasyView: SearchTicketView
  - ⊞ 📁 FormReferences

[Save] [Reset]

Name: SearchTicketView

Class: EasyView ▾

Description: Ticket Search Results

Template Engine: Smarty ▾

Template File: ticket_view.tpl

Edit form reference attributes

Edit Openbiz Metadata: trac.view.SearchTicketView

- ⊟ 📁 EasyView: SearchTicketView
  - ⊟ 📁 FormReferences
    - 📁 Reference: trac.ticket.form

[Save] [Reset]

Form Name: trac.ticket.form.SearchResults ▾

Sub Forms: ▾

Comment by chitwar...@gmail.com, Dec 22, 2011

cubi 0.5 now showing the Editor icon on View and Forms even when APPBUILDER is SET to 1 in /bin/app_init.php

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