

Generator Modules

There are five modules, one for each type of generators, that work in the same way:

- structure-inserter
- structure-extender
- structure-filter
- structure-grouper
- structure-sorter

Each module allows declaring a generator of a specific type. When a plugin with a generator module is installed, you get the ability add those generators to structures.

Example

```
<structure-extender
  key="extender-examples" name="extender:Examples" description="Examples extender"
  class="com.mycompany.structure.examples.ExamplesExtender">
<label key="com.mycompany.examples.extender.label"/>
<icon spanClass="s-fa s-fa-link"/>
<dialog-title key="com.mycompany.examples.extender.dialog-title"/>
<resource type="velocity" name="form" location="/templates/example/extender-examples.vm"/>
<resource type="velocity" name="summary" location="/templates/example/extender-examples-summary.vm"/>
</structure-extender>
```

Other types of generators are declared in the same way.

Element	Required?	Description
@key	Yes	The unique identifier of the generator. Full module key will a part of generator specification, defining the automation.
@name	No	The name of the module for the JIRA administrator.
@description	No	Description of the module for the JIRA administrator.
label	Yes	The name of the generator as it appears to the user.
icon	No	The icon for the generator that will be shown whenever the generator row is displayed. See below for details.
dialog-title	No	The title of the dialog that is used to edit the generator
resource[@name=form]	No	Form template that will be used for editing the generator's parameters
resource [@name=summary]	No	Form template that will be used to display the generator as a row in a structure

Generator Icons

The icon for the generator is defined using CSS classes. If you're using your own icons, make sure the appropriate CSS styles are loaded everywhere Structure can be used (see [Loading Additional Web Resources For Structure Widget](#)).

You can also use the standard icons used by bundled generators:

Generator Type	Icon Classes
Insertter	s-fa s-fa-plus
Extender	s-fa s-fa-link
Filter	alm alm-group
Grouper	s-fa s-fa-filter
Sorter	alm alm-sort-asc