
Configurator Developer Manual

Release 0.1

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January 21, 2014

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Contents:

class `configuration.ConfigurationSchema` (*name*='', ***args*)

Configuration schemas define the configurations structure. They have a name, a list of parents, and a list of sections with options definitions.

Configuration schemas can be composed by inheriting from multiple parents. Configuration sections from the parents appear in the child configuration schema. For instance, a full stack web framework configuration schema could inherit from a generic Web schema for web server configuration, and another Database schema for database connection configuration.

Configuration schemas have sections, each containing other sections and schema options. The schemas sections and options can be manipulated in the tree appearing on the left of the configuration schemas navigator.

add_parent (*parent*)

Adds *parent* to the list of schema's parents

classmethod `configuration_schemas` ()

Return the list of globally registered configuration schemas

direct_sections ()

Return schema's direct sections (without looking at schema's parents sections)

documentation

The schema's documentation

classmethod `get_named` (*name*)

Get the configuration schema registered with name *name*

get_section (*name*)

Get section with name

move_section_backwards (*section*)

Move *section* backwards. For moving sections from UI

move_section_forward (*section*)

Move *section* forward (reorder). For moving sections from UI

name

The schema's name

parents ()

Returns the schema's parents list

classmethod `register_schema` (*schema*)

Register a schema, globally. This is called automatically when a configuration schema is created.

remove_section (*section*)

Remove *section* from the schema

section (*section*)

Add section *section* to schema

sections ()

Return schema's sections recursively considering its parents

set_parents (*parents*)

Sets the schema's parents to *parents* list

classmethod `unregister_schema` (*schema*)

Unregister a schema, globally.

class `configuration.ConfigurationSchemaSection` (*name*='', ***args*)

Configuration schema section

add_option (*option*)

Adds option *option* to the section

add_section (*section*)

Adds section *section* as a subsection

dependency_expression

The section's dependency expression

documentation

The section's documentation

get_option (*name*)

Gets section option with name *name* from the section. If it is not found, None is return

name

Section name

options ()

Returns the section's options list

parent

The section's parent. It can be the configuration schema if it is a top-level section, of the parent section if it is a subsection

remove_option (*option*)

Removes option *option* from the section

remove_section (*section*)

Removes the subsection *section*

subsections ()

Return the section's subsections

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