Patterns in kernel/classes/subitems

Every class, view, fetch function, operator and plugin point of kernel/classes/subitems with its design patterns.

Source file: `doc/eng-us/standards/patterns/area-kernel-classes-subitems.md` Last changed 2026-11-04
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> **Note**
>
> This page is generated from the source code by `php bin/php/exppatterncatalogue.php --write`. Do not edit it by hand: change the code or the generator, then run the command again. How the patterns are recognized: the pattern catalogue.

Every class, interface and trait of `kernel/classes/subitems` with the patterns it was recognized as, followed by the module views, policy functions, fetch functions, template operators, cronjobs, event hooks and INI plugin points of the area. All patterns.

Classes (24)

Class	Kind	Patterns	File	Description
expSubitemsAttributeColumn	class extends expSubitemsColumn	Factory and static factory methods	kernel/classes/subitems/expsubitemsattributecolumn.php:16	An automatic subitems column for one class attribute, key attr:/.
expSubitemsBuiltinColumn	class extends expSubitemsColumn	–	kernel/classes/subitems/expsubitemsbuiltincolumn.php:16	One of the 15 built-in subitems columns (thumbnail, name, visibility, type, modifier, modified, published, translations, section, nodeid, noderemotei…
expSubitemsCallableColumn	class extends expSubitemsColumn	–	kernel/classes/subitems/expsubitemscallablecolumn.php:14	A subitems column whose value comes from a PHP callable named by Handler=class::method in its [Column_] block.
expSubitemsColumn	abstract class	Template Method / abstract base class	kernel/classes/subitems/expsubitemscolumn.php:19	The base class of a column of the admin subitems list ("Table options").

Class	Kind	Patterns	File	Description
expSubitemsColumnHandlers	class	Utility (static helper)	kernel/classes/subitems/columns/expsubitemscolumnhandlers.php:16	Example Handler= columns of the admin subitems list: plain static methods an INI block names as Handler=expSubitemsColumnHandlers::.
expSubitemsColumnRegistry	class	Registry, Singleton / instance()	kernel/classes/subitems/expsubitemscolumnregistry.php:23	The registry of the admin subitems list columns ("Table options").
expSubitemsCSVExport	class	Utility (static helper)	kernel/classes/subitems/expsubitemscsvexport.php:14	The CSV of the admin subitems list (content/subitemsexport/).
expSubitemsDateColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsdatecolumn.php:16	Subitems list columns about when things happened, in the forms the built-in Published and Modified columns do not show: relative ("3 days ago"), in d...
expSubitemsFieldColumn	abstract class extends expSubitemsColumn	Template Method / abstract base class	kernel/classes/subitems/columns/expsubitemsfieldcolumn.php:22	The common base of the shipped column families of the admin subitems list.
expSubitemsMediaColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsmediacolumn.php:20	Subitems list columns about the images and files of the content object.
expSubitemsNodeColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsnodecolumn.php:18	Subitems list columns read from the location (the ezcontentobject_tree row) and its children.
expSubitemsObjectColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsobjectcolumn.php:18	Subitems list columns read from the content object: class, section, owner, languages, states and the size of its main text.
expSubitemsPermissionColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemspermissioncolumn.php:18	Subitems list columns that tell what the current user may do with each item, and technical facts about it.

Class	Kind	Patterns	File	Description
expSubitemsPreference	class	Utility (static helper)	kernel/classes/subitems/expsubitemspreference.php:20	The per-user choice of the admin subitems list: visible columns in order and the chosen preset per navigation part, the page size, and the user's own...
expSubitemsReadingTimeColumn	class extends expSubitemsColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsreadingtimecolumn.php:14	The "Reading time" column of the admin subitems list: the minutes a reader needs for the item's main text, at WordsPerMinute= words a minute (default...
expSubitemsRelationColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsrelationcolumn.php:20	Subitems list columns about what the object is related to, and what relates to it: object relations, tags (eztags) and ratings (ezstarrating).
expSubitemsSearchWordLinkRow	class extends eZPersistentObject	Active Record (eZPersistentObject)	kernel/classes/subitems/columns/expsubitemscolumntables.php:31	A row of ezsearch_object_word_link: one indexed word position of an object.
expSubitemsSEOColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsseocolumn.php:32	Subitems list columns for search engines and visitors: the page title in the browser, its length, and the meta title, description and keywords an xro...
expSubitemsServerFunctions	class extends ezjscServerFunctions	INI plugin point (extension point), Utility (static helper)	kernel/classes/subitems/expsubitemsserverfunctions.php:24	The ezjscore server functions of the admin subitems list ("Table options"), registered as [ezjscServer_expsubitems] in extension/ezjscore/settings/ez...
expSubitemsTemplateColumn	class extends expSubitemsColumn	–	kernel/classes/subitems/expsubitemstemplatecolumn.php:14	A subitems column rendered by a template named by Template=design:subitems/columns/.tpl in its [Column_] block.

Class	Kind	Patterns	File	Description
expSubitemsURLColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsurlcolumn.php:20	Subitems list columns about the addresses of a node: its URL alias, its system URL, the address visitors use on the public site, custom and historic...
expSubitemsUserColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsusercolumn.php:19	Subitems list columns for user accounts: the rows below a user group.
expSubitemsUserVisitRow	class extends eZPersistentObject	Active Record (eZPersistentObject)	kernel/classes/subitems/columns/expsubitemscolumntables.php:15	A row of ezuservisit: a user's visits, logins and failed logins.
expSubitemsVersionColumn	class extends expSubitemsFieldColumn	INI plugin point (extension point)	kernel/classes/subitems/columns/expsubitemsversioncolumn.php:17	Subitems list columns about the versions of the content object.

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