Builder

Builds a complex object or text step by step. 10 instances in Exponential.

Source file: `doc/eng-us/standards/patterns/builder.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/standards/patterns/builder.md

> **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.

Builds a complex object or text step by step.

Group	Creation
Instances	10
Recognized by	Class name contains Builder or Generator.

Classes by area

extension/cjw_newsletter (1)

All patterns of extension/cjw_newsletter

Class	Kind	File	Description	Extension point
`CjwNewsletterEditionBuilder`	class	`extension/cjw_newsletter/classes/editorial/cjwnewsletteredi tionbuilder.php:24`	Makes and fills editions: finds the latest unsent edition of a list, copies a template edition under its list, and takes articles from a pool into an...	–

extension/explayouts_api (1)

All patterns of extension/explayouts_api

Class	Kind	File	Description	Extension point
`expLayoutsEzValueUrlGenerator`	class	`extension/explayouts_api/classes/explayoutsezvalueurlgenerator.php:2`	–	–

extension/explayouts_site_api (1)

All patterns of extension/explayouts_site_api

Class	Kind	File	Description	Extension point

Class	Kind	File	Description	Extension point
expLayoutsSiteApiItemValueUrlGenerator	class	extension/explayouts_site_api/classes/explayoutssiteapiitemvalueurlgenerator.php:2	–	–

extension/ezfind (1)

All patterns of extension/ezfind

Class	Kind	File	Description	Extension point
ezfeZPSolrQueryBuilder	class	extension/ezfind/classes/ezfezpsolrquerybuilder.php:8	–	–

extension/ezodf (1)

All patterns of extension/ezodf

Class	Kind	File	Description	Extension point
eZOOGenerator	class	extension/ezodf/classes/ezoogenerator.php:41	–	–

extension/xrowmetadata (1)

All patterns of extension/xrowmetadata

Class	Kind	File	Description	Extension point
xrowMetaDataLicenseCatalogueGenerator	class	extension/xrowmetadata/bin/php/xrowmetadatalicenses.php:84	Builds the license catalogue share/licenses/licenses.json of xrowmetadata from two downloaded files, never from the network:	–

kernel/classes/help (2)

All patterns of kernel/classes/help

Class	Kind	File	Description	Extension point
expHelpExamplesGenerator	class	kernel/classes/help/exphelpexamplesgenerator.php:25	Writes the generated reference examples below doc/eng-us/examples/ (doc/eng-us/examples/README.md, "How the generated pages are made"): one Markdown...	–

Class	Kind	File	Description	Extension point
expHelpManualBuilder	class	kernel/classes/help/content/exphelpmanualbuilder.php:35	The manuals of help maintained as content, made from the Markdown help (doc/eng-us/features/6.0/help-content.md, "Manuals from the Markdown help").	–

kernel/classes/pdfexport (1)

All patterns of kernel/classes/pdfexport

Class	Kind	File	Description	Extension point
expPDFExportGenerator	class	kernel/classes/pdfexport/exppdfexportgenerator.php:27	Generates the PDF of an export: into its stored file, or into a temporary file that is then sent and removed.	–

kernel/private (1)

All patterns of kernel/private

Class	Kind	File	Description	Extension point
eZAutoloadGenerator	class	kernel/private/classes/ezautoloadgenerator.php:19	Utility class for generating autoload arrays for Exponential.	–

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