Patterns in kernel/classes/datatypes

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

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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/datatypes` 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 (81)

Class	Kind	Patterns	File	Description
expCountryGroups	class	Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezcountry/expcountrygroups.php:24	The country list as people pick from it: first the groups of settings/countrygroups.ini (by default one group of the most used countries, in ranked o...
eZAuthor	class	–	kernel/classes/datatypes/ezauthor/ezauthor.php:29	–
eZAuthorType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezauthor/ezauthortype.php:19	–
eZBinaryFile	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezbinaryfile/ezbinaryfile.php:19	–
eZBinaryFileType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezbinaryfile/ezbinaryfiletype.php:19	–
eZBooleanType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezboolean/ezbooleantype.php:19	–

Class	Kind	Patterns	File	Description
eZCountryType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezcountry/ezcountrytype.php:23	–
eZDateTimeType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezdatetime/ezdatetimetype.php:19	–
eZDateType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezdate/ezdatetype.php:19	–
eZEmailType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezemail/ezemailtype.php:19	–
eZEnum	class	–	kernel/classes/datatypes/ezenum/ezenum.php:19	–
eZEnumObjectValue	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezenum/ezenumobjectvalue.php:18	–
eZEnumType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezenum/ezenumtype.php:18	–
eZEnumValue	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezenum/ezenumvalue.php:19	–
eZFloatType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezfloat/ezfloattype.php:19	–
eZForgotPassword	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezuser/ezforgotpassword.php:19	–
eZIdentifierType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezidentifier/ezidentifiertype.php:19	–
eZImageAliasHandler	class	Strategy / handler	kernel/classes/datatypes/ezimage/ezimagealiashandler.php:28	–

Class	Kind	Patterns	File	Description
eZImageFile	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, INI plugin point (extension point), Utility (static helper)	kernel/classes/datatypes/ezimage/ezimagefile.php:19	–
eZImageType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezimage/ezimagetype.php:26	–
eZIniSettingType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezinisetting/ezinisettingtype.php:22	–
eZIntegerType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezinteger/ezintegertype.php:24	–
eZISBN10To13Converter	class	Strategy / handler	kernel/classes/datatypes/ezisbn/ezisbn10to13converter.php:12	–
eZISBN13	class	–	kernel/classes/datatypes/ezisbn/ezisbn13.php:21	–
eZISBNGroup	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezisbn/ezisbngroup.php:24	–
eZISBNGroupRange	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezisbn/ezisbngrouprange.php:26	–
eZISBNRegistrantRange	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezisbn/ezisbnregistrantrange.php:30	–
eZISBNType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezisbn/ezisbntype.php:19	–
eZKeyword	class	–	kernel/classes/datatypes/ezkeyword/ezkeyword.php:19	–

Class	Kind	Patterns	File	Description
eZKeywordType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezkeyword/ezkeywordtype.php:21	–
eZLDAPUser	class extends eZUser	Active Record (eZPersistentObject), Utility (static helper)	kernel/classes/datatypes/ezuser/ezldapuser.php:20	–
eZMatrix	class	–	kernel/classes/datatypes/ezmatrix/ezmatrix.php:19	–
eZMatrixDefinition	class	–	kernel/classes/datatypes/ezmatrix/ezmatrixdefinition.php:19	–
eZMatrixType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezmatrix/ezmatrixtype.php:19	–
eZMedia	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezmedia/ezmedia.php:19	–
eZMediaType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezmedia/ezmediatype.php:19	–
eZMultiOption	class	–	kernel/classes/datatypes/ezmultioption/ezmultioption.php:114	–
eZMultiOption2	class	–	kernel/classes/datatypes/ezmultioption2/ezmultioption2.php:17	–
eZMultiOption2Type	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezmultioption2/ezmultioption2type.php:33	–
eZMultiOptionType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezmultioption/ezmultioptiontype.php:33	–
eZMultiPrice	class extends eZSimplePrice	–	kernel/classes/datatypes/ezmultiprice/ezmultiprice.php:32	–
eZMultiPriceType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezmultiprice/ezmultipricetype.php:19	–

Class	Kind	Patterns	File	Description
eZObjectRelationListType	class extends eZDataType	Datatype (Strategy for content fields), Factory and static factory methods	kernel/classes/datatypes/ezobjectrelationlist/ezobjectrelationlisttype.php:26	–
eZObjectRelationType	class extends eZDataType	Datatype (Strategy for content fields), Factory and static factory methods	kernel/classes/datatypes/ezobjectrelation/ezobjectrelationtype.php:19	–
eZOption	class	–	kernel/classes/datatypes/ezoption/ezoption.php:29	–
eZOptionType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezoption/ezoptiontype.php:19	–
eZPackageType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezpackage/ezpackagetype.php:20	–
eZPDFParser	class	–	kernel/classes/datatypes/ezbinaryfile/plugins/ezpdfparser.php:19	–
eZPDFXMLOutput	class extends eZXHTMLXMLOutput	INI plugin point (extension point)	kernel/classes/datatypes/ezxmltext/handlers/output/ezpdfxmloutput.php:12	–
eZPlainTextParser	class	–	kernel/classes/datatypes/ezbinaryfile/plugins/ezplaintextparser.php:19	–
eZPlainXMLOutput	class extends eZXMLOutputHandler	–	kernel/classes/datatypes/ezxmltext/handlers/output/ezplainxmloutput.php:12	–
eZPrice	class extends eZSimplePrice	–	kernel/classes/datatypes/ezprice/ezprice.php:19	–
eZPriceType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezprice/ezpricetype.php:19	–
eZProductCategoryType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezproductcategory/ezproductcategorytype.php:19	–

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eZRangeOption	class	–	kernel/classes/datatypes/ezrangeoption/ezrangeoption.php:19	–
eZRangeOptionType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezrangeoption/ezrangeoptiontype.php:18	–
eZSelectionType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezselection/ezselectiontype.php:21	–
eZSimplifiedXMLEditOutput	class	–	kernel/classes/datatypes/ezxmltext/handlers/input/ezsimplifiedxmleditoutput.php:13	–
eZSimplifiedXMLInput	class extends eZXMLInputHandler	INI plugin point (extension point)	kernel/classes/datatypes/ezxmltext/handlers/input/ezsimplifiedxmlinput.php:12	–
eZSimplifiedXMLInputParser	class extends eZXMLInputParser	–	kernel/classes/datatypes/ezxmltext/handlers/input/ezsimplifiedxmlinputparser.php:13	–
eZStringType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezstring/ezstringtype.php:30	–
eZSubtreeSubscriptionType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezsubtreesubscription/ezsubtreesubscriptiontype.php:18	–
eZTextFileUser	class extends eZUser	Active Record (eZPersistentObject)	kernel/classes/datatypes/ezuser/eztextfileuser.php:27	–
eZTextType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/eztext/eztexttype.php:19	–
eZTimeType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/eztime/eztimetype.php:19	–

Class	Kind	Patterns	File	Description
eZURL	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, INI plugin point (extension point), Registry	kernel/classes/datatypes/ezurl/ezurl.php:23	–
eZURLObjectLink	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezurl/ezurlobjectlink.php:19	–
eZURLType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezurl/ezurltype.php:20	–
eZUser	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, INI plugin point (extension point), Singleton / instance()	kernel/classes/datatypes/ezuser/ezuser.php:21	–
eZUserAccountKey	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/datatypes/ezuser/ezuseraccountkey.php:19	–
eZUserLoginHandler	class	Chain of Responsibility, Singleton / instance(), Strategy / handler, Utility (static helper)	kernel/classes/datatypes/ezuser/ezuserloginhandler.php:19	–
eZUserSetting	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	kernel/classes/datatypes/ezuser/ezusersetting.php:18	–
eZUserType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezuser/ezusertype.php:21	–
eZWordParser	class	–	kernel/classes/datatypes/ezbinaryfile/plugins/ezwordparser.php:19	–

Class	Kind	Patterns	File	Description
eZXHTMLXMLOutput	class extends eZXMLOutputHandler	INI plugin point (extension point)	kernel/classes/datatypes/ezxmltext/handlers/output/ezxhtmlxmloutput.php:12	–
eZXMLInputHandler	class	Strategy / handler	kernel/classes/datatypes/ezxmltext/ezxmlinputhandler.php:19	–
eZXMLInputParser	class	–	kernel/classes/datatypes/ezxmltext/ezxmlinputparser.php:25	–
eZXMLOutputHandler	class	Strategy / handler	kernel/classes/datatypes/ezxmltext/ezxmloutputhandler.php:20	–
eZXMLSchema	class	Singleton / instance()	kernel/classes/datatypes/ezxmltext/ezxmlschema.php:12	–
eZXMLText	class	–	kernel/classes/datatypes/ezxmltext/ezxmltext.php:19	–
eZXMLTextType	class extends eZDataType	Datatype (Strategy for content fields)	kernel/classes/datatypes/ezxmltext/ezxmltexttype.php:83	–

Event hooks (3)

Event	Kind	Called in
image/purgeAliases	notify	kernel/classes/datatypes/ezimage/ezimagealiashandler.php:741
image/removeAliases	notify	kernel/classes/datatypes/ezimage/ezimagealiashandler.php:811
image/trashAliases	notify	kernel/classes/datatypes/ezimage/ezimagetype.php:120

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