Interface (contract)

A contract that implementations follow; code depends on the interface, not on a class. 96 instances in Exponential.

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> **Note**
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A contract that implementations follow; code depends on the interface, not on a class.

Group	Structure
Instances	96
Recognized by	Every interface.
Extension point	Implement the interface and register the class where the interface is used.

Classes by area

extension/cjw_newsletter (2)

All patterns of extension/cjw_newsletter

Class	Kind	File	Description	Extension point
`CjwNewsletterScheduleConditionInterface`	interface	`extension/cjw_newsletter/classes/editorial/cjwnewsletterschedulecondi tioninterface.php:19`	A condition a recurring send asks before each run (cjwnl_schedule.condition_handler).	–
`CjwNewsletterSmsTransport`	interface	`extension/cjw_newsletter/classes/sms/cjwnewsle ttersmstransport.php:25`	A way to send SMS and to read the SMS a provider hands back (the provider-neutral part of the SMS channel).	–

extension/expai (4)

All patterns of extension/expai

Class	Kind	File	Description	Extension point

Class	Kind	File	Description	Extension point
expAiFieldAction	interface	extension/expai/classes/fieldactions/expaifieldaction.php:16	An action next to a field of the content edit form (write, rewrite, shorten, translate, suggest, ...).	extension/expai/settings/rad.ini [Registry_expai_field_actions] Entries[Handler]; extension/expai/settings/rad.ini [Registry_expai_presets] Entries[Handler]
expAiProvider	interface	extension/expai/classes/expaiprovider.php:16	A model backend of expai.	extension/expai/settings/rad.ini [Registry_expai_provider_types] Implements
expAiRequestApplier	interface	extension/expai/classes/queue/expairequestapplier.php:18	Applies the answer of a queued request (expai.request), e.g.	extension/expai/settings/rad.ini [Registry_expai_appliers] Entries[Appliers]
expAiSegmenter	interface	extension/expai/classes/diff/expaisegmenter.php:28	Cuts the value of one datatype into blocks and sentences, and puts values together again (doc/diff.md).	extension/expai/settings/rad.ini [Registry_expai_segmenters] Entries[FallbackSegmenter]; extension/expai/settings/rad.ini [Registry_expai_segmenters] Entries[Segmenters]

extension/explayouts (2)

All patterns of extension/explayouts

Class	Kind	File	Description	Extension point
expLayoutsBlockHandlerInterface	interface	extension/explayouts/classes/explayoutsblockhandlerinterface.php:2	–	–
expLayoutsQueryHandlerInterface	interface	extension/explayouts/classes/explayoutsqueryhandlerinterface.php:2	–	–

extension/expquery_translator (2)

All patterns of extension/expquery_translator

Class	Kind	File	Description	Extension point
QueryTranslator\Parsing	interface	extension/expquery_translator/lib/Parsing.php:10	Interface for parsing a sequence of tokens into a syntax tree.	–

Class	Kind	File	Description	Extension point
QueryTranslator\Tokenizing	interface	extension/expquery_translator/lib/Tokenizing.php:8	Interface for tokenizing a string into a sequence of tokens.	–

extension/expqueue (1)

All patterns of extension/expqueue

Class	Kind	File	Description	Extension point
expQueueHandler	interface	extension/expqueue/classes/expqueuehandler.php:27	A job handler: the code that runs the jobs of one type.	extension/expqueue/settings/rad.ini [Registry_expqueue_job_types] Entries[Handler]

extension/exp_oe_tiptap (1)

All patterns of extension/exp_oe_tiptap

Class	Kind	File	Description	Extension point
expOETiptapAIProvider	interface	extension/exp_oe_tiptap/classes/ai/expoetiptapaiprovider.php:16	A text generation backend of the AI hooks.	–

extension/ezfind (2)

All patterns of extension/ezfind

Class	Kind	File	Description	Extension point
ezfIndexPlugin	interface	extension/ezfind/classes/indexplugins/ezfindexplugin.php:18	Description of ezfIndexPlugin.	–
eZFindExtendedAttributeFilterInterface	interface	extension/ezfind/classes/ezfindextendedattributefilterinterface.php:10	Extended attribute filter interface	–

extension/ezflow (2)

All patterns of extension/ezflow

Class	Kind	File	Description	Extension point
eZFlowFetchInterface	interface	extension/ezflow/classes/ezflowfetchinterface.php:28	–	–
eZHTTPCacheManagerInterface	interface	extension/ezflow/classes/ezhttpcachemanagerinterface.php:32	Interface declaration	–

extension/ezie (1)

All patterns of extension/ezie

Class	Kind	File	Description	Extension point
eZIEEzcConversions	interface	extension/ezie/classes/interfaces/conversions.php:11	–	–

extension/ezjscore (1)

All patterns of extension/ezjscore

Class	Kind	File	Description	Extension point
ezpAjaxUploaderHandlerInterface	interface	extension/ezjscore/classes/ajaxuploader/ezpajaxuploaderhandlerinterface.php:19	Interface of the AJAX uploader handler	–

extension/ezmultiupload (1)

All patterns of extension/ezmultiupload

Class	Kind	File	Description	Extension point
eZMultiuploadHandlerInterface	interface	extension/ezmultiupload/classes/ezmultiuploadhandlerinterface.php:12	–	–

extension/ezoe (1)

All patterns of extension/ezoe

Class	Kind	File	Description	Extension point
expOEEditorEngine	interface	extension/ezoe/classes/expoeeditorengine.php:21	An editor engine of the online editor: the thing that turns an ezxmltext attribute into an editor in the browser.	extension/ezoe/settings/rad.ini [Registry_ezoeengines] Entries[Engines]

extension/ezurlmultisite (1)

All patterns of extension/ezurlmultisite

Class	Kind	File	Description	Extension point
eZURLMultisiteDataTypeHandler	interface	extension/ezurlmultisite/classes/ezurlmultisitedatatypehandler.php:3	–	–

extension/sqliimport (14)

All patterns of extension/sqliimport

Class	Kind	File	Description	Extension point
expImportAiTransport	interface	extension/sqliimport/classes/exp/ai/expimportaitransport.php:16	The way the AI assist of 7x SQLI Import (expImportAi) reaches a model.	–
expImportBoltTransport	interface	extension/sqliimport/classes/exp/nosql/expimportbolttransport.php:13	The byte stream the Bolt client (expImportBoltClient) talks over: a socket (expImportBoltSocket) or a test double.	–
expImportCassandraTransport	interface	extension/sqliimport/classes/exp/nosql/expimportcassandratransport.php:21	The connection the Cassandra/ScyllaDB source reads through: the PHP extension cassandra of DataStax (expImportCassandraExtension) where it is install…	–
expImportHandlerInterface	interface	extension/sqliimport/classes/exp/engine/expimporthandlerinterface.php:21	A handler of the 2.x engine: it turns records into content.	–
expImportImapTransport	interface	extension/sqliimport/classes/exp/mail/expimportimaptransport.php:15	The connection to an IMAP mailbox the IMAP source reads: the PHP extension imap where it is installed (expImportImapExtension), else a small client o…	–
expImportLdapTransport	interface	extension/sqliimport/classes/exp/ldap/expimportldaptransport.php:15	What the LDAP source needs of a directory server: connect, StartTLS, bind and search, nothing that writes.	–
expImportMongoDbTransport	interface	extension/sqliimport/classes/exp/nosql/expimportmongodbtransport.php:15	The connection the MongoDB source reads through: the PHP extension mongodb (expImportMongoDbExtension), or a test double.	–
expImportRecordProviderInterface	interface	extension/sqliimport/classes/exp/engine/expimporthandlerinterface.php:52	A handler that reads its records itself (a 1.x handler through the adapter): the engine takes the records from it instead of from a source.	–
expImportRedisTransport	interface	extension/sqliimport/classes/exp/nosql/expimportredistransport.php:15	The connection the Redis source reads through: the PHP extension redis (expImportRedisExtension), else a small RESP client of its own over a socket (…	–

Class	Kind	File	Description	Extension point
expImportSourceInterface	interface	extension/sqliimport/classes/exp/expimportsourceinterface.php:19	A source type: it reads records from a file (or, for later source types, an endpoint).	–
expImportTransformInterface	interface	extension/sqliimport/classes/exp/expimporttransforminterface.php:18	A named transform of a mapping line: it turns a source value into the value a class attribute takes (the fromString() form of its datatype).	–
expImportTriggerCallStore	interface	extension/sqliimport/classes/exp/expimporttriggerauth.php:14	Where the trigger keeps its recent calls: the signatures already used (replay protection) and the calls counted by the rate limit.	–
ISQLIDiffHandler	interface	extension/sqliimport/classes/content/diffhandlers/isqlidiffhandler.php:27	Interface for diff handlers.	–
ISQLIImportHandler	interface	extension/sqliimport/classes/sourcehandlers/isqliimporthandler.php:11	Interface for import handlers Must be implemented by all import handlers	–

extension/xrowmetadata (3)

All patterns of extension/xrowmetadata

Class	Kind	File	Description	Extension point
xrowSitemapImageConverterInterface	interface	extension/xrowmetadata/classes/interfaces/xrowsitemapimageconverterinterface.php:3	–	–
xrowSitemapNewsConverterInterface	interface	extension/xrowmetadata/classes/interfaces/xrowsitemapnewsconverterinterface.php:3	–	–
xrowSitemapVideoConverterInterface	interface	extension/xrowmetadata/classes/interfaces/xrowsitemapvideoconverterinterface.php:3	–	–

kernel/classes (1)

All patterns of kernel/classes

Class	Kind	File	Description	Extension point

Class	Kind	File	Description	Extension point
expNamePatternResolverInterface	interface	kernel/classes/expnamepatternresolverinterface.php:27	A PHP class that makes the name of a content object, or the name its URL alias is made from, instead of the attribute tokens of the class's name patt…	–

kernel/classes/audit (5)

All patterns of kernel/classes/audit

Class	Kind	File	Description	Extension point
expAuditAlertRule	interface	kernel/classes/audit/expauditalertrule.php:14	An alert rule class, registered in audit.ini: [AuditAlertSettings] RuleClasses[]= Counted by the RAD survey (registry "auditalertrules").	–
expAuditFormatHandler	interface	kernel/classes/audit/expauditformathandler.php:14	An archive format (gzip, bzip2, xz, zstd, zip), registered in audit.ini: [AuditArchiveSettings] FormatHandlers[]= Counted by the RAD survey (registry…	–
expAuditSink	interface	kernel/classes/audit/expauditsink.php:15	A copy of the audit records outside the file (syslog, webhook, mail), registered in audit.ini: [AuditSinkSettings] SinkClasses[]= Counted by the RAD…	–
expAuditSource	interface	kernel/classes/audit/console/expauditsource.php:23	An optional source of the audit console: an extension that writes its own events (usually into a channel of its own) and tells the console's views ho…	settings/rad.ini [Registry_auditsources] Entries[Sources]
expAuditTaxonomyBranch	interface	kernel/classes/audit/expaudittaxonomybranch.php:15	An extension's branch of the audit taxonomy, registered in audit.ini: [AuditEventSettings] Branches[myext]=myExtAuditBranch Counted by the RAD survey…	–

kernel/classes/contentcheck (1)

All patterns of kernel/classes/contentcheck

Class	Kind	File	Description	Extension point
expContentCheckFileHandler	interface	kernel/classes/contentcheck/expcontentcheckfilehandler.php:15	Says which storage files a file-backed field stands for (doc/eng-us/features/6.0/content-checks.md, "Missing files").	–

kernel/classes/contentjob (1)

All patterns of kernel/classes/contentjob

Class	Kind	File	Description	Extension point
expContentJobType	interface	kernel/classes/contentjob/expcontentjobtype.php:22	A kind of content job, registered in content.ini [ContentJobSettings] JobTypes[]=.	–

kernel/classes/datatable (1)

All patterns of kernel/classes/datatable

Class	Kind	File	Description	Extension point
expDataTableFieldSource	interface	kernel/classes/datatable/expdatatablefieldsource.php:33	Something that can hand the fields of a new data table to the module table wizard (doc/eng-us/features/6.0/data-tables.md, "The module table wizard"...	–

kernel/classes/debugbar (1)

All patterns of kernel/classes/debugbar

Class	Kind	File	Description	Extension point
expDebugBarPanelInterface	interface	kernel/classes/debugbar/expdebugbarpanelinterface.php:26	A panel of the Exp Debug bar from an extension: its own tab after Memory, optionally a chip in the summary and data in the page's JSON.	–

kernel/classes/help (2)

All patterns of kernel/classes/help

Class	Kind	File	Description	Extension point
expHelpContextPageInterface	interface	kernel/classes/help/exphelpcontextpageinterface.php:16	A context help provider (expHelpContextProviderInterface) that also serves pages which are not files below doc/: help topics maintained as content, w...	–
expHelpContextProviderInterface	interface	kernel/classes/help/exphelpcontextproviderinterface.php:15	A class that answers "help for this page" in code, for what one Map[] entry per view cannot say (a view whose help depends on its parameters, an exte...	–

kernel/classes/ini (2)

All patterns of kernel/classes/ini

Class	Kind	File	Description	Extension point
expIniAction	interface	kernel/classes/ini/actions/expiniaction.php:15	One action of the exp:ini command (get, set, add, rem, ...).	–
expIniScopeProvider	interface	kernel/classes/ini/expiniscopeprovider.php:20	A source of INI scopes (places an INI file can be written).	–

kernel/classes/logviewer (1)

All patterns of kernel/classes/logviewer

Class	Kind	File	Description	Extension point
expLogManagerInterface	interface	kernel/classes/logviewer/explogmanagerinterface.php:19	Log management (doc/eng-us/features/6.0/log-rotation.md, "For developers"): what the command line, the cronjob part "logs" and the log viewer's actio...	–

kernel/classes/mailpreferences (1)

All patterns of kernel/classes/mailpreferences

Class	Kind	File	Description	Extension point

Class	Kind	File	Description	Extension point
expMailCategoryHandler	interface	kernel/classes/mailpreferences/expmailcategoryhandler.php:26	The optional PHP class of a category ([Category_]HandlerClass): it reads data that existed before the preference system (subtree notifications, dige...	–

kernel/classes/reauth (1)

All patterns of kernel/classes/reauth

Class	Kind	File	Description	Extension point
expReauthCodeHandler	interface	kernel/classes/reauth/expreauthcodehandler.php:14	A class that checks the code of a two-step sign-in method for "Verify it's you" (expReauth).	–

kernel/classes/requestclassifier (2)

All patterns of kernel/classes/requestclassifier

Class	Kind	File	Description	Extension point
expRequestRuleSetInterface	interface	kernel/classes/requestclassifier/exprequestrulesetinterface.php:24	A rule set of the request classifier (settings/requestclassifier.ini, RuleSets[] and [RuleSet-] Class=).	–
expRequestVerdictListenerInterface	interface	kernel/classes/requestclassifier/exprequestverdictlistenerinterface.php:18	Told about every verdict of the request classifier after its security.log line is written (settings/requestclassifier.ini [ClassifierSettings] Listen...	–

kernel/classes/syscard (1)

All patterns of kernel/classes/syscard

Class	Kind	File	Description	Extension point
expSysCardProvider	interface	kernel/classes/syscard/expsyscardprovider.php:19	A provider of the system card: one class per group of facts (the machine, PHP, the engine, the database ...).	–

kernel/classes/transfer (1)

All patterns of kernel/classes/transfer

Class	Kind	File	Description	Extension point
expKernelTransferTask	interface	kernel/classes/transfer/expkerneltransfertask.php:38	The work of one background run of an import or export tool, whatever engine runs it (expKernelTransferRunner: expqueue, the kernel's content jobs, th…	–

kernel/classes/uiswitch (1)

All patterns of kernel/classes/uiswitch

Class	Kind	File	Description	Extension point
expUISwitchProviderInterface	interface	kernel/classes/uiswitch/expuiswitchproviderinterface.php:19	One switchable preference of the administration interface (the "UI chrome"): the display language, the design, or what an extension adds.	–

kernel/classes/user (1)

All patterns of kernel/classes/user

Class	Kind	File	Description	Extension point
expSignInSecondFactorHandler	interface	kernel/classes/user/expsigninsecondfactorhandler.php:18	What a two-step sign-in extension tells the kernel about sign-ins outside the web login form (REST with a password, WebDAV, SOAP, the expservices log…	–

kernel/private (24)

All patterns of kernel/private

Class	Kind	File	Description	Extension point
eZClusterFileHandlerInterface	interface	kernel/private/interfaces/ezclusterfilehandlerinterface.php:15	Cluster file handlers interface	–

Class	Kind	File	Description	Extension point
ezpAsynchronousPublisherOutput	interface	kernel/private/interfaces/asynchronouspublisheroutput.php:16	This interface is used as the basis for the ezpasynchronouspublisher.php daemon	–
ezpAsynchronousPublishingFilterInterface	interface	kernel/private/interfaces/asynchronouspublishingfilter.php:17	Base interface for eZ Asynchronous Publishing filter classes	–
ezpAttributeOperatorFormatterInterface	interface	kernel/private/eztemplate/ezpattributeoperatorformatterinterface.php:12	–	–
ezpAutoloadOutput	interface	kernel/private/interfaces/ezpautoloadoutput.php:17	Interface for classes providing output for autoload generation.	–
ezpContentCriteriaInterface	interface	kernel/private/api/interfaces/content_criteria.php:16	This interface is the base one when it comes to implementing content query criteria	–
ezpContentLimitationHandler	interface	kernel/private/interfaces/ezpcontentlimitationhandler.php:29	Evaluates a policy limitation of the content module that the kernel does not know itself.	–
ezpContentLimitationSolrHandler	interface extends ezpContentLimitationHandler	kernel/private/interfaces/ezpcontentlimitationsolrhandler.php:23	A content limitation handler that can also restrict a search in a search engine that filters by the policies of the user itself, such as eZ Find with...	–
ezpContentPublishingQueueReaderInterface	interface	kernel/private/interfaces/ezpcontentpublishingqueuereader.php:18	This interface describes an asynchronous publishing queue reader Queue readers are meant to provide the asynchronous publishing system with the next...	–
ezpDatabaseBasedClusterFileHandler	interface	kernel/private/interfaces/ezpdatabasebasedclusterfilehandler.php:20	This interface describes a database based cluster file handler	–
ezpKernelHandler	interface	kernel/private/interfaces/ezpkernelhandler.php:14	Interface for kernel handlers	–

Class	Kind	File	Description	Extension point
ezpLanguageSwitcherCapable	interface	kernel/private/interfaces/ezplanguageswitchercapable.php:17	Interface for classes providing language switcher functionality.	–
ezpMobileDeviceDetectFilterInterface	interface	kernel/private/classes/ezpmobiledevicedetectfilterinterface.php:12	–	–
ezpMultivariateTestHandlerInterface	interface	kernel/private/classes/ezpmultivariatetesthandlerinterface.php:12	–	–
ezpRestAuthenticationStyleInterface	interface	kernel/private/rest/classes/auth/auth_style.php:12	–	–
ezpRestPreRoutingFilterInterface	interface	kernel/private/rest/classes/interfaces/prerouting_filter.php:12	–	–
ezpRestProviderInterface	interface	kernel/private/rest/classes/interfaces/rest_provider.php:12	–	–
ezpRestRequestFilterInterface	interface	kernel/private/rest/classes/interfaces/request_filter.php:12	–	–
ezpRestResponseFilterInterface	interface	kernel/private/rest/classes/interfaces/response_filter.php:12	–	–
ezpRestResultFilterInterface	interface	kernel/private/rest/classes/interfaces/result_filter.php:12	–	–
ezpRestViewControllerInterface	interface	kernel/private/rest/classes/interfaces/view_controller.php:12	–	–
ezpSearchEngine	interface	kernel/private/interfaces/ezpsearchengine.php:18	This interface is used as the basis for the different search engine implementation	–
ezpStaticCache	interface	kernel/private/interfaces/ezpstaticcache.php:16	This interface is used as the basis for the different StaticCache engine implementation	–

Class	Kind	File	Description	Extension point
ezpWebBasedKernelHandler	interface extends ezpKernelHandler	kernel/private/interfaces/ezpwebbasedkernelhandler.php:14	Interface for web-based kernel handlers	–

kernel/private/classes/clusterfilehandlers (5)

All patterns of kernel/private/classes/clusterfilehandlers

Class	Kind	File	Description	Extension point
eZClusterEventListener	interface	kernel/private/classes/clusterfilehandlers/interfaces/ezclustereventlistener.php:14	Interface to be implemented by any cluster event listener	–
eZClusterEventLogger	interface	kernel/private/classes/clusterfilehandlers/interfaces/ezclustereventlogger.php:20	Interface for eZClusterEvent loggers.	–
eZClusterEventNotifier	interface	kernel/private/classes/clusterfilehandlers/interfaces/ezclustereventnotifier.php:15	Interface that must be implemented by cluster backends supporting events notification.	–
eZDFSFileHandlerDFSBackendFactoryInterface	interface	kernel/private/classes/clusterfilehandlers/dfsbackends/ezdfsfilehandlerdfsbackendfactoryinterface.php:14	Makes a DFSBackend handler instantiable using the build static method.	–
eZDFSFileHandlerDFSBackendInterface	interface	kernel/private/classes/clusterfilehandlers/dfsbackends/ezdfsfilehandlerdfsbackendinterface.php:17	Interface for a DFS FS handler, that offers CRUD support for binary files.	–

kernel/private/classes/requestrules (5)

All patterns of kernel/private/classes/requestrules

Class	Kind	File	Description	Extension point
ezpRequestFactProvider	interface	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:90	Adds facts to every request's context before the rules run.	–
ezpRequestRuleAction	interface	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:57	An action: what happens when every condition of a rule matches.	–

Class	Kind	File	Description	Extension point
ezpRequestRuleCondition	interface	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:23	A condition: one test on the facts of a request.	–
ezpRequestRuleProvider	interface	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:76	Adds rules from PHP: an extension whose rules are computed (from a database table, from another INI file) rather than written in requestrules.ini.	–
ezpRequestRuleStableCondition	interface	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:46	Marks a condition whose answer is the same for every request that the page caches would answer with one stored page: it reads only what their keys ho…	–

lib/ezi18n (1)

All patterns of lib/ezi18n

Class	Kind	File	Description	Extension point
expI18nFallbackRuleInterface	interface	lib/ezi18n/classes/expi18nfallbackruleinterface.php:27	A translation fallback rule: says which translation a locale falls back to when a translation root (the kernel's share/translations, or an extension'…	–

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