Patterns in kernel/classes/syscard

Every class, view, fetch function, operator and plugin point of kernel/classes/syscard 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/syscard` 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 (25)

Class	Kind	Patterns	File	Description
expSysCardAboutProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardaboutprovider.php:19	The project information of exp:about: what Exponential is, the Foundation and 7x, Velocity, the license, the links, how to contribute, the partner pr...
expSysCardBaseProvider	abstract class implements expSysCardProvider	Strategy / handler, Template Method / abstract base class	kernel/classes/syscard/expsyscardbaseprovider.php:23	The usual provider: set the properties, write collect(), and use fact() and the helpers.
expSysCardCacheProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardcacheprovider.php:15	The caches: which are on (view cache, template compilation, the static cache), and for exp:info the size of the cache directory and of each cache in...

Class	Kind	Patterns	File	Description
expSysCardColor	class	Utility (static helper)	kernel/classes/syscard/expsyscardcolor.php:21	The colors of the system card on a terminal: which color depth the terminal has, and the ANSI codes of a color at that depth.
expSysCardComposerProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardcomposerprovider.php:16	Composer: how many packages vendor/ has (vendor/composer/installed.json) and, when the ezupdate extension is active, how many of them do not agree be...
expSysCardContext	class	Factory and static factory methods	kernel/classes/syscard/expsyscardcontext.php:31	Everything a system card provider reads from the machine goes through its context, so a test can hand a provider made-up values instead of the real m...
expSysCardCronProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardcronprovider.php:14	The cronjobs: when one last ran (the newest cronjob log or Setup › Cronjobs run) and, for exp:info, every part of cronjob.ini with its scripts.
expSysCardDatabaseProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscarddatabaseprovider.php:15	The database: its type, the server's version (when syscard.ini [Database] AskVersion=enabled: one connection, one question) and the host it is on.
expSysCardExponentialProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardexponentialprovider.php:14	Exponential itself: the version and its line, and, for a git checkout, the branch and the commit.

Class	Kind	Patterns	File	Description
expSysCardExtensionsProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardextensionsprovider.php:14	exp:info: every active extension with its version, from its extension.xml or ezinfo.php, then its composer.json (the same sources as the about page).
expSysCardFact	class	Factory and static factory methods	kernel/classes/syscard/expsyscardfact.php:19	One line of the system card (exp:expfetch, exp:info, exp:about): a label, a value, a severity and the section it belongs to.
expSysCardHelpProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardhelpprovider.php:15	The help: how many pages it serves, its languages, and whether its index is current (an index older than the pages is a hint: ./console exp:help inde…
expSysCardHostProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardhostprovider.php:14	The machine: operating system, kernel, host name, uptime, load, CPU, memory, the disk of the installation (exp:info: every local disk), the shell and…
expSysCardLogo	class	Factory and static factory methods	kernel/classes/syscard/expsyscardlogo.php:23	The logo of the system card: the orange "e" of Exponential in three sizes, in Unicode block art and in plain ASCII, and the wordmark "EXPONENTIAL" th…
expSysCardPhpProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardphpprovider.php:17	PHP: version and SAPI, how long the branch has security support (syscard.ini [Php] SecuritySupportEnds[]), OPcache and its JIT, the extensions that m…
expSysCardProvider	interface	Interface (contract), Strategy / handler	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 …).

Class	Kind	Patterns	File	Description
expSysCardQueueProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardqueueprovider.php:14	exp:info: the job queue of the expqueue extension, when it is active: its service, how many workers are alive and the last action on it (expQueueServ…
expSysCardRegistry	class	Factory and static factory methods, Registry	kernel/classes/syscard/expsyscardregistry.php:30	The providers of the system card and how they run (settings/syscard.ini [Providers] and [Runtime]):
expSysCardRenderer	class	–	kernel/classes/syscard/expsyscardrenderer.php:27	Turns the facts of the system card into text: the logo and the facts side by side (text()), plain lines for pasting (plain()) or one JSON document (j…
expSysCardSettingsProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardsettingsprovider.php:15	exp:info: the INI settings of an allowlist (syscard.ini [Inventory] Settings[]=//).
expSysCardSiteAccessProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardsiteaccessprovider.php:14	exp:info: how a request finds its siteaccess (site.ini [SiteAccessSettings] MatchOrder: uri, host, port …) and, for each siteaccess of AvailableSit…
expSysCardSiteProvider	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	kernel/classes/syscard/providers/expsyscardsiteprovider.php:14	The site: the siteaccesses and the default one, the active extensions, demo mode, debug output and the mail transport (its type only: file, sendmail,…
expSysCardTheme	class	Factory and static factory methods	kernel/classes/syscard/expsyscardtheme.php:20	A color theme of the system card (syscard.ini [Theme-]): a #RRGGBB color for each role, the stops of the gradient and its direction.

Class	Kind	Patterns	File	Description
`expSysCardVelocityProvider`	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	`kernel/classes/syscard/providers/expsyscardvelocityprovider.php:17`	Exponential Velocity, the application server of 6.0.15: its version, whether it runs, the live and configured workers, the ports and TLS, the environ…
`expSysCardWebServerProvider`	class extends expSysCardBaseProvider	INI plugin point (extension point), Strategy / handler	`kernel/classes/syscard/providers/expsyscardwebserverprovider.php:15`	The other web servers on the machine: Apache, nginx, Caddy, FrankenPHP, and PHP-FPM with its masters (one per PHP version) and pool workers (exp:info…

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