

Version	Date	Changes
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0.0.0	27th March 2006	Created
0.0.1	10th April 2006	Major change to all to use log4php
0.0.2	19th April 2006	Change directory structure and start adding error/exceptions properly
0.1.0	24th May 2006	First issue (Hop Vine site and Paloose site both use it)
0.2.0	13th July 2006	Views mechanism sorted to work on more components
0.3.0	20th July 2006	i18n translation completely rewritten (handles dates (not time yet))
0.4.0	1st August 2006	PageHit and Gallery Transformer added
0.5.0	12th August 2006	Preliminary TidyGenerator added
0.5.1	13th August 2006	Changed base class for WildcardURIMatcherException
0.5.2	21st August 2006	Added XInclude in FileGenerator
0.6.0	12th September 2006	Added browser selector
0.6.1	4th October 2006	Date/time localisation changes
0.6.2	16th October 2006	Minor cosmetic changes
0.6.3	19th October 2006	Minor change to the way date is processed in I18nTransformer.
0.7.0	24th October 2006	Added RegexpURIMatcher. Cleaned up use of matchers. Changed WildcardURIException to be a more general matcher exception, MatcherException. Cleaned up comments that were misleading (still some more to sort out unfortunately).
0.8.0	26th October 2006	Updated HTMLSerializer Added XHTMLSerializer, TextSerializer, XMLSerializer.
0.9.0	2nd November 2006	Added Resources/Call mechanism. Cleaned up several areas of bad code and documentation. Cured several bugs in the error reporting. Made sure all pipe building components used same creation process in PipeElement class.
0.9.1	15th November 2006	Temporarily removed PipeElementInterface.
0.9.2	16th November 2006	Restored PipeElementInterface with suitable corrections to dependant classes.
0.9.2b1	17th November 2006	Strong PHP checking allowed for (and all subsequent betas at this level) ...
0.10.0	21st November 2006	Major work making the code more robust after turning on local server full PHP error reporting
0.10.1	22nd November 2006	Corrected uninitialised variable \$badip in PageHitTransformer
0.11.0	5th December 2006	Added POST information into RequestParameterModule. Removed global variable for error messages (now passed through exceptions). Added SendMail action (Action, Actions, SendMailAction classes added). Cured bug in ErrorPage that occasionally gave errors in display. Many minor cosmetic changes. Major code documentation changes (still more to do).
0.11.1	5th December 2006	global \$gConfiguration missing in TidyGenerator.

0.12.0	10th December 2006	<p>Converted to use output buffer</p> <p>Added redirect-to pipeline element</p> <p>More code documentation changes</p> <p>Added internal-only pipelines</p>
0.13.0	December 2006	Major clean up of documentation and code
0.14.0	11th January 2007	Adding authorisation/session/continuations mechanism (not complete)
0.14.1	16th January 2007	<p>Cured minor bug in ResourceReader (unset variable).</p> <p>Cured bug in Mount where sitemap variables were not expanded.</p> <p>Cured bug in I18nTransformer (wrong check, unset variable in time evaluate).</p>
0.15.0	12th February 2007	<p>Changed the way subsitemap declarations work. You can now declare components within appropriate subsitemap, not always put them in the master sitemap</p> <p>Some minor documentation changes.</p>
1.0.0b1	26th March 2007	<p>Added PXTemplateGen generator for expanding embedded sitemap variables.</p> <p>Added SourceWriteTransformer for diverting XML to external file (cf Cocoon).</p> <p>Added PasswordTransformer for encrypting passwords in Authorisation framework.</p> <p>Added Authorisation actions: AuthAction, AuthenticationActions, LoginAction and LogoutAction.</p> <p>Added Paloose Form framework.</p> <p>Added Paloose Continuations/Flow framework.</p> <p>Cured problem where sitemap pseudo-protocols parameters were not being expanded.</p> <p>More minor code documentation updates.</p>
1.0.0b2	27th March 2007	Added LogTransformer for pipeline logging.
1.0.0b3	30th March 2007	<p>Created new class hierarchy for the pipeline elements. Only of note if you have created your own pipeline components. The inheritance is now from an intermediate class not the PipeElement class. For example TransformerPipeElement for all transformers. This affects generators, actions, transformers, selectors, readers, and serializers.</p> <p>Cured bug in Readers that would cause exception on duplicate Reader name in subsitemaps, rather than redefine.</p>
1.0.0b4	4th April 2007	Cured bug in GalleryTransformer.
1.0.0b5	23rd April 2007	<p>Made error reporting a little cleaner for XML/XSLT problems (not well formed etc).</p> <p>Minor cosmetics.</p>
1.0.0b6	24th April 2007	Corrected some untidiness in the base classes for components (Transformers, Generators etc).
1.0.0b7	2nd May 2007	Added DirectoryGenerator.
1.0.1	11th August 2007	Better error reporting in WildcardURIMatcher
1.0.3	15th November 2007	<p>Checking for null description in GalleryTransformer</p> <p>Added RequestParameterSelector</p> <p>Cured bug in _BrowserSelector (wrong name for getBrowserName method)</p>
1.0.4	18th December 2007	Added support for ImageMagick if no PHP5 support for jpeg, png, gif.
1.0.5	25th December 2007	Added better error reporting in GalleryTransformer when image file does not exist.
1.0.6	13th May 2008	<p>Added better browser checking</p> <p>Added iPhone support</p>

1.0.7	20th May 2008	Cured toString() in PipeElement producing malformed XML Cured problem in SelectorPipeElement with nested select constructions.
1.1.0	3rd June 2008	Cured discrepancy between Cocoon and Paloose in call statements.
1.1.1	14th June 2008	Cured bug in Aggregator stopping context:// pseudo-protocols from working. Cured namespace problem in Galleries (must have namespace in gallery.xml)
1.1.1b1	25th August 2008	Minor cosmetics and included (undocumented) Gedcom Generator support. Cured bug in Aggregator stopping context:// pseudo-protocols from working. Cured namespace problem in Galleries (must have namespace in gallery.xml)
1.1.1b2	5th October 2008	Cured bug where ImageMagick files had fixed bin path
1.1.1b3	6th October 2008	Tidied up I18nTransformer where I18n namespace was being used on attributes Improved I18nTransformer default time.date patterns
1.1.2	15th October 2008	Release GedCom support
1.1.2b1	26th November 2008	Removed Log4PHP from Paloose distribution
1.2.0	20th December 2008	Added FilterTransformer Added SQLTransformer Added ParameterModule Added GlobalModule Numerous minor updates Add documentation and correct many mistakes within documentation
1.2.0b1	21st December 2008	Cleaned up documentation for new Classes and removed spurious methods Changed error numbering
1.3.0	4th January 2009	Added caching system (TRAXTransformer, Aggregator, GedComGenerator and FileGenerator) Changed Exception system constants to PalooseException only Cured append bug in LogTransformer Improved error reporting in Match.php Cured RequestParameter bug that prevent store of query parameters Removed parameter detection into PipeElement base class Removed label detection into PipeElement base class Additional PHPDocumentation comments Added file locking in page hit code - should have been there on day 1 :-(General code cleaning
1.3.0b1	14th January 2009	cure bug in GedComGenerator that prevented cache file being accessed correctly
1.3.0b2	22nd January 2009	cure bug in PageHitTransformer that resulted from locking
1.3.0b3	5th February 2009	cure bug in FileGenerator, PXTemplateGenerator and GedComGenerator with undefined variable cured bug in TraxTransformer with undefined variables
1.3.0b4	11th February 2009	Sorted out several uninitialised variables Develop source with Eclipse instead of oXygen from now on
1.3.1	18th February 2009	Added XIncludeTransformer Removed xinclude stuff from the generators (use a tranformer now)
1.3.1b1	24th February 2009	Cured problem of namespaces in XHTMLSerializer
1.3.2	5th March 2009	Added EntityTransformer (only very beta at this stage)

1.3.3	24th May 2009	<p>Added removal of Paloose attributes from the HTML/XHTML serializers (___xxxxx)</p> <p>Corrected Reader error-number bug</p> <p>Added GALLERY_ERROR</p> <p>Added some more logging lines in Pipeline.php</p> <p>Created ErrorMessage.php and extended HandleError.php to handle errors better</p>
1.3.4	5th June 2009	<p>Added entity translation in generators (File and PXTemplate)</p> <p>Added regular expression variables to global module</p>
1.3.4b1	15th July 2009	Cleaned up XHTMLSerializer
1.3.4b2	22nd July 2009	<p>Changed entity translation to ignore "lt", "gt", "amp" and "quote" which are the standard HTML supported entities.</p>
1.3.4b3	5th October 2009	<p>Added time zone setting in setup. Cures a bug found when porting to Mac OS X Snow Leopard</p> <p>Changed eregi() to preg_match etc in Browser.php</p>
1.3.4b4	1st December 2009	<p>Changed missed eregi() to preg_match etc in Browser.php</p> <p>Updated documentation which was wrong for flows (extended it as well)</p>
1.3.5b5	12th January 2010	<p>Changed GalleryTransformer etc to allow for richer text in image/folder descriptions</p> <p>Updated SQLTransformer to handle entities correctly</p> <p>Updated SQLTransformer to handle query return values better (existing users check the sql:query attributes change)</p> <p>Added is_utf8 function in Utilities</p> <p>Added utf8ToUnicodeEntities function in Utilities</p> <p>Rewrote the variable expander in StringResolver to handle expansion more efficiently (and correctly)</p> <p>Added makeStringHex function in Utilities (debugging aid)</p> <p>Updated logging to the latest log4php V2.0.0</p> <p>Changed Request Parameter Handling to ensure internal UTF format is used</p> <p>Cured bug in RequestParameterModule that did not encode arrays properly as UTF-8</p> <p>Cured bug in LogTransformer where too much logging was enabled (info should have been debug)</p> <p>Rewrote the string expander in StringResolver.php to handle expansion more efficiently (and correctly)</p>
1.3.6	2nd August 2010	Added HTML meta data to record version etc in XHTMLSerializer and HTMLSerializer
1.3.6b1	6th September 2010	Cured bug in Browser.php in regular expression handler for Opera browser detection
1.4.0b2	24th December 2010	<p>Removed all globals where possible into Environment class</p> <p>Removed spurious commented out code (finally)</p> <p>Added PALOOSE_SESSIONS_REQUIRED and PALOOSE_CLIENT in config.inc.php</p> <p>Added sessionsRequired and client in config.inc.php</p> <p>Added necessary code to use above for Paloose to act as client to WordPress server</p> <p>Huge change to naming standard to ensure no clashes (as far as possible) with calling systems such as Wordpress</p>
1.4.0b3	24th December 2010	<p>Added client output buffer to Environment and associated code</p> <p>Cleaned up exit from Paloose</p>
1.4.0b4	1st January 2011	Refined the root directory variables etc. to ensure multi-site working in WordPress

1.4.0b5	12th January 2011	Added clean-up code on exit (though needs more)
1.5.0b1	13th January 2011	Major change to way Paloose is invoked (now through class wrapper) Removed config.inc.php file and incorporated code into Paloose class Change the initiation files for each Paloose web site (server)
1.5.0b2	22nd January 2011	Cured bug that stopped request parameters being recognised
1.5.0b3	10th February 2011	Removed spurious debug output in SourceWritingTransformer
1.5.0b4	13th February 2011	Updated PasswordTransformer to handle null passwords Updated variable names in SourceWritingTransformer to make unambiguous meaning clear
1.5.1b25	12th April 2011	Updated Error routines Added VariableTransformer to convert embedded Paloose variables in the text
1.5.2	3rd August 2011	Added lib/environment/Cookie.php Added lib/environment/CookiesModule.php Added lib/acting/CookiesAction.php Added lib/selection/RegexpSelector.php Added lib/selection/VariableSelector.php Added lib/transforming/ModuleWriteTransformer.php Added cookies support in lib/environment/Environment.php Added cookies support in lib/serialization/HTMLSerializer.php Added cookies support in lib/serialization/XHTMLSerializer.php Added cookies support in lib/Paloose.php Added cookies support in resources/schemas/sitemap/paloose-sitemap-1.3.4.rng Added more logging in lib/error-handling/ErrorMessage.php and lib/error-handling/HandleError.php Added exit exception in lib/pipelines/Pipeline.php to handle run errors properly Minor code cosmetics
1.5.2b1	31st October 2011	Added date/time zone stuff for Mac OS X Lion (10.7.x)
1.5.2b2	2nd December 2011	Removed spurious line for \$documentRoot
1.5.2b3	3rd December 2011	Cured problems with cachable feature (null pointers on some components) Minor cosmetics
1.5.2b4	6th February 2012	Minor cosmetics and better logging in some classes
1.5.2b5	26th June 2012	Sorted undefined logging variable problem in compact version
1.5.3	7th April 2015	Bug fix to sort reader problem preventing direct sourcing of HTML files
1.5.4	25th May 2015	Updated to working with PHP 5.5 (Renamed Generator class to Generator not file)
1.5.5	25th May 2015	Created a separate defaults file
1.6.0	4th September 2015	Cosmetics in build system (invisible to users)
1.7.0	29th November 2015	Sorted several points which did not conform to PHP STRICT
1.7.2	22nd March 2016	Cured null include/exclude problem in DirectoryGenerator Added dir:empty tag for null returns from scan directory in DirectoryGenerator
1.8.0	6th February 2017	Added ResourceExistsSelector Cured null otherwise problem in pipe selectors
1.8.1	24th March 2017	Added expansion of module variables in sitemap globals

1.9.0	8th May 2017	Added String2XMLTransformer (to support PCMS) Cured bug which gave protected error (removed gTranslatedDOM variable in l18Transformer and GalleryTransformer)
1.9.1	13th May 2017	Cured bug that prevented certain cases of cachable behaviour
1.10.0	7th November 2020	Changed sizeof() function calls to use empty() and count() Updated to use PHP V5.5 Minor cosmetics
1.10.1	23rd November 2020	Cured nasty fault in DirectoryTransformer that stopped recursion of directories
1.11.0	7th December 2020	Added SCSS/SSS compiler
1.11.1	10th December 2020	Minor cosmetics
1.11.2	18th December 2020	Bug in SCSSCompiler
1.11.3	23rd March 2021	Added src/dst in pipeline for SCSS transformer (component values now default values)
1.11.4	28th May 2022	Corrected static call to non-static method DOMImplementation in HTMLSerializer
1.11.5	6th August 2022	Cured bug where GEDCOM tags starting with "_" were not being recognised.
1.12.0	12th August 2022	Added MobileSelector to support selection on mobile devices (should have been added months ago!).
1.12.3	4th October 2022	Cured problem preventing null namespaces in enclosed serializer elements. Updated RNG Schema for sitemaps. General cosmetics.
1.13.0	28th December 2022	Changed enclosed serializer elements to parameters. Changed enclosed global-variables elements to variables.
1.13.1	3rd January 2023	Cured problem of redirect-to not working in selectors.
1.13.2	4th January 2023	Updated expanded redirect URI.
1.13.4	28th January 2023	Cured bug in ModuleWriteTransformer preventing correct detection of paloose:module tag.
1.14.0	28th February 2023	Cured bug in StringResolver that would not expand variables embedded in strings.
1.15.0	10th March 2023	Added delete fragment in source:insert (not present in Cocoon?).
1.16.0	16th March 2023	Added EncryptBF to enhance security using the Blowfish algorithm. Updated PasswordTransformer to reflect this change. Major changes throughout authorise system to cope with Blowfish changes.
1.17.0	21st March 2023	Completely rewritten source:insert to cure numerous problems when running PCMS.
1.17.1	21st March 2023	Added single quote replacement to Entity in RequestParameterModule.
1.17.2	19th April 2023	Resolved obscure bug in StringResolver when in PCMS by a complete rewrite of pattern matching.
1.18.0	6th June 2023	Removed expanding Paloose variables in request parameter input (for URL parameters). Added CDATA processing in XHTMLSerializer and HTMLSerializer. Cosmetics throughout.
1.19.1	26th July 2023	Updated Paloose to use PHP8 Changed const declarations to define() in SCSSCompiler. Complete rewrite of WildcardURIMatcher() to use regular expressions.