

Review of sitemap component documentation (2.1 legacy document)

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Warning:

This document was copied as is from the Cocoon 2.1 documentation, but has not yet been fully reviewed or moved to its new home.

1. Introduction

This is a coordination table to assist the systematic review of the "sitemap component documentation" which is the set of documentation available at [/userdocs/](#) for each sitemap component (actions generators matchers readers selectors serializers transformers).

This review focusses only on this set of documentation, as part of the overall documentation [review](#). This set is a key part, because it addresses the heart of Cocoon - the sitemap components. Having a well-defined "User Guide" will assist both users and developers to be more productive.

Please assist by sending discussion to the dev mailing list and patches of xdocs and java code via the issue tracker. See the [To Do](#) section at the bottom.

This documentation is generated as part of the Cocoon 'build docs' process. An anttask (tools/anttasks/SitemapTask) scans the java code looking for javadoc-like tags (e.g. `@cocoon.sitemap.component.name`) and extracts that information. For each component there is also a default document at `src/documentation/xdocs/userdocs/` which contains additional manual content. The two sources are merged to form each final xdoc, with two new sections being added (Description and Info). Then Forrest builds the final set of documents as part of the normal 'build docs' process.

These are the SitemapTask attributes that are used in the code:

- `@cocoon.sitemap.component.documentation` - The documentation (optional)
- `@cocoon.sitemap.component.name` - The name of the component in the sitemap (required)
- `@cocoon.sitemap.component.logger` - The logger category (optional)
- `@cocoon.sitemap.component.label` - The label for views (optional)
- `@cocoon.sitemap.component.mimetype` - The mime type for serializers and readers (optional)
- `@cocoon.sitemap.component.hide` - If this tag is specified, the component is not added to the sitemap (optional)
- `@cocoon.sitemap.component.documentation.disabled` - If this tag is specified, no documentation is generated (optional)
- `@cocoon.sitemap.component.configuration` - Configuration (optional)
- `@cocoon.sitemap.component.documentation.caching` - Caching info (optional)
- `@cocoon.sitemap.component.pooling.min` - Pooling min (optional)
- `@cocoon.sitemap.component.pooling.max` - Pooling max (optional)
- `@cocoon.sitemap.component.pooling.grow` - Pooling grow (optional)

2. Coordination table

The table columns are:

- Java source - The name of the Java source file and link to javadoc.
- Document - The name of the generated document and a link to it. This is also the `@cocoon.sitemap.component.name`
- A - The xdoc is available to supply additional manual content.
- B - The java code is in "core" or as a "block".
- C - The javadoc-like tags (SitemapTask attributes) are available in the code.
- D - The component parameters are properly described.
- E - The code and xdoc are synchronised between Cocoon trunk and 2.1 branch.

Cell values are:

- blank - Not yet investigated.
- y - Yes.
- n - No.
- - - Not relevant.
- * - Has issues, needs more work.

There are 314 entries.

2.1. Actions

Java source	Document	A	B	C	D	E
AbstractAction		n	core	n		
AbstractCommand		n	core	n		
AbstractConfiguration		n	core	n		
AbstractDataAccess		n	databases	n		
AbstractForm		n	forms	n		
AbstractMultiPage		n	core	n		
AbstractValidator		n	core	n		
AuthAction		n	authentication	n		
AuthAction		n	portal-fw	n		
BookmarkAction		n	portal	n		
CacheEventAction		n	eventcache	n		
ClearCacheAction		n	core	n		
ClearPersistence		n	core	n		
CommandAction		n	scratchpad	n		
ComposerAction		n	core	n		
ConfigurableComponent		n	core	n		
ConfigurableServlet		n	core	n		
CookieCreator		n	scratchpad	n		
CookieValidator		n	scratchpad	n		
CopletSetData		n	portal	n		
CopySourceAction		n	core	n		
DatabaseAdapter		n	databases	n		
DatabaseAuthenticator		n	databases	n		
DatabaseConnector		n	databases	n		
DatabaseDeleter		n	databases	n		

DatabaseSelect		n	databases	n		
DatabaseUpdate		n	databases	n		
DbXMLAuthen		n	xmldb	n		
FacesAction		n	faces	n		
ExpiresPipeline		n	scratchpad	n		
FormManager		n	session-fw	n		
FormValidator		n	core	n		
HandleFormS		n	forms	n		
HelloAction		n	core	n		
HttpCacheAc		n	core	n		
HttpHeaderAc		n	core	n		
InputModuleA		n	core	n		
JMSPublishe		n	jms	n		
LinkTranslator		n	scratchpad	n		
LocaleAction		n	core	n		
LoggedInActi		n	authentication	n		
LoginAction		n	authentication	n		
LoginAction		n	portal	n		
LogoutAction		n	authentication	n		
LogoutAction		n	portal	n		
MailAction		n	mail	n		
MakeFormAc		n	forms	n		
modular/Data		n	databases	n		
modular/Data		n	databases	n		
modular/Data		n	databases	n		
modular/Data		n	databases	n		
modular/Data		n	databases	n		
modular/Data		n	databases	n		
ObjectModelA		n	portal	n		
OraAddAction		n	databases	n		
OraUpdateAc		n	databases	n		
PropagatorAc		n	core	n		
RequestPara		n	core	n		

RequestPara		n	core	n		
ResourceExis		n	core	n		
SaveAction		n	portal	n		
ScriptAction	script	y	bsf	n		
SectionCutter		n	scratchpad	n		
SendmailActi	sendmail	y	mail	n		
ServerPages		n	xsp	n		
ServiceableA		n	core	n		
SessionAction	session	n	session-fw	n		
SessionForm		n	session-fw	n		
SessionInvali		n	core	n		
SessionIsVali		n	core	n		
SessionPropa		n	core	n		
SessionState		n	core	n		
SessionValida		n	core	n		
SetCharacter		n	core	n		
TagtestAction		n	taglib	n		
modular/Test		n	core/samples	n		
castor/TestBe		n	scratchpad	n		

2.2. Generators

Java source	Document	A	B	C	D	E
AbstractCople		n	portal	n		
AbstractGene		n	core	n		
AntBuildGene		n	scratchpad	n		
AsciiArtSVGC		n	asciiart	n		
BasketConter		n	portal	n		
BasketGenera		n	portal	n		
CalendarGen	calendar	y	core	y		
ClientBinding		n	scratchpad/flo	n		
ComposerGe		n	core	n		
Configuration		n	authentication	n		
Configuration		n	portal-fw	n		
DirectoryGen	directory	y	core	y		

	error	y		n		
EventCacheGenerator		n	eventcache	n		
ExceptionGenerator		n	core/samples	n		
	extractor	y		n		
FileGenerator	file	y	core	y		
FormsGenerator		n	mail	n		
FragmentExtractor		n	batik	n		
GarbageGenerator		n	scratchpad	n		
GenericProxyGenerator		n	proxy	n		
HTMLGenerator	html	y	html	y		
HttpProxyGenerator		n	proxy	n		
ImageDirectoryGenerator	imagedirectory	y	core	y		
IMAPGenerator		n	mail	n		
JellyGenerator		n	scratchpad	n		
JSGenerator		n	xsp	n		
JSPGenerator	jsp	y	jsp	n		
JXTemplateGenerator	jx	y	core	y		
LinkStatusGenerator	linkstatus	y	core	y		
LogicsheetCompiler		n	xsp	n		
MarkupCodeGenerator		n	xsp	n		
MP3DirectoryGenerator	mp3directory	y	core	y		
NekoHTMLGenerator		n	html	y		
NotifyingGenerator		n	core	n		
ParseExceptionGenerator		n	chaperon	n		
PauseGenerator		n	core/test	n		
PhpGenerator	php	y	php	n		
PortalGenerator		n	portal	n		
PortalGenerator		n	portal-fw	n		
	profile	y		n		
ProfilerGenerator		n	profiler	n		
ProgramGenerator		n	xsp	n		
xsp/PythonGenerator		n	python	n		
RequestAttributeGenerator		n	scratchpad	y		

RequestGenerator	request	y	core	y		
RequestParser		n	scratchpad	n		
ScriptGenerator	script	y	bsf	n		
SearchGenerator	search	y	lucene	n		
ServerPagesGenerator	serverpages	y	xsp	n		
ServiceableGenerator		n	core	n		
ServletGenerator		n	core	n		
SessionAttributeGenerator		n	core	y		
SlopGenerator		n	slop	n		
StatusGenerator	status	y	core	y		
StreamGenerator	stream	y	core	y		
SWFGenerator		n	swf	n		
TextGenerator		n	chaperon	n		
TraversableGenerator		n	repository	n		
TraversableServletGenerator		n	repository	n		
TraxGenerator		n	scratchpad	n		
VelocityGenerator	velocity	y	velocity	n		
	wsproxy	y		n		
WebServiceProxyGenerator		n	proxy	n		
XMidiGenerator		n	midi	n		
XMLDBGenerator	xmldb	y	xmldb	n		
XMLDBCollector	xmldbcollector	y	xmldb	n		
XPathDirector	xpathdirector	y	core	y		
XPathTraverser		n	repository	n		
XSPGenerator		n	xsp	n		

2.3. Matchers

Java source	Document	A	B	C	D	E
AbstractPreprocessor		n	core	n		
AbstractRegexpMatcher		n	core	n		
AbstractWildcardMatcher		n	core	n		
CookieMatcher		n	core	n		
HeaderMatcher		n	core	n		
LocaleMatcher		n	core	n		

modular/Cach		n	core	n		
modular/Cach		n	core	n		
modular/Wildc		n	core	n		
MountTableM		n	core	n		
ParameterMa		n	core	n		
PreparableMa		n	core	n		
RegexpHead		n	core	n		
RegexpHostM		n	core	n		
RegexpParan		n	core	n		
RegexpRequ		n	core	n		
RegexpRequ		n	core	n		
RegexpSessi		n	core	n		
RegexpURIM		n	core	n		
RegexpURID		n	scratchpad	n		
RequestAttrib		n	core	n		
RequestPara		n	core	n		
SessionAttrib		n	core	n		
WildcardHead	wildcardhead	y	core	n		
WildcardHost		n	core	n		
WildcardPara		n	core	n		
WildcardRequ		n	core	n		
WildcardRequ		n	core	n		
WildcardSess		n	core	n		
WildcardURIM	wildcarduri	y	core	n		

2.4. Readers

Java source	Document	A	B	C	D	E
AbstractRead		n	core	n		
AxisRPCRea	axisrpc	y	axis	n		
ComposerRe		n	core	n		
DatabaseReg	database	y	databases	n		
DirectoryZipA	directoryzipar	y	scratchpad	n		
ImageReader	image	y	core	n		
JSPReader	jsp	y	jsp	n		

ProxyReader		n	portal	n		
ResourceReader	resource	y	core	n		
ServiceableReader		n	core	n		

2.5. Selectors

Java source	Document	A	B	C	D	E
AbstractReader		n	core	n		
AbstractSwitcher		n	core	n		
BrowserSelector	browser	y	core	n		
CookieSelector		n	core	n		
ComponentsSelector		n	core	n		
DateSelector	date	y	scratchpad	n		
ExceptionSelector		n	core	n		
GeneratorSelector		n	xsp	n		
HeaderSelector		n	core	n		
HostSelector	host	y	core	n		
MailCommand		n	mail	n		
MediaSelector		n	session-fw	n		
NamedPattern		n	core	n		
OutputComponent		n	core	n		
ParameterSelector	parameter	y	core	n		
RegexHeader	regular-expression	y	core	n		
RegexRequest		n	core	n		
RequestAttribute	requestattribute	y	core	n		
RequestMethod	requestmethod	y	core	n		
RequestParameter	requestparameter	y	core	n		
ResourceExists		n	core	n		
SessionAttribute		n	core	n		
SimpleSelector		n	core	n		
SitemapComponent		n	core	n		
SwitchSelector		n	core	n		
XPathException		n	core	n		

2.6. Serializers

Java source	Document	A	B	C	D	E
AbstractSerializer		n	core	n		
AbstractSerializer		n	scratchpad/ga	n		
AbstractTextSerializer		n	core	n		
ElementProcessor		n	poi	n		
EncodingSerializer		n	serializers	n		
EncodingSerializer		n	scratchpad/ga	n		
FOPSerializer		n	fop	n		
HSSFSerializer		n	poi	n		
HTMLSerializer	html	y	core	y		
HTMLSerializer		n	serializers	n		
HTMLSerializer		n	scratchpad/ga	n		
IncludingHTML		n	portal	n		
iTextSerializer		n	itext	n		
LinkSerializer	link	y	core	n		
	pcl	y		n		
	pdf	y		n		
POIFSSerializer		n	poi	n		
	ps	y		n		
RTFSerializer		n	jfor	n		
Serializer		n	scratchpad/ga	n		
SVGSerializer	svg	y	batik	n		
	svgjpeg	y		n		
	svgpng	y		n		
	svgtiff	y		n		
	svgxml	y		n		
SWFSerializer		n	swf	n		
TextSerializer	text	y	core	n		
	vrml	y		n		
	wap	y		n		
	xhtml	y		n		
XHTMLSerializer		n	serializers	n		
XHTMLSerializer		n	scratchpad/ga	n		

	xls	y		n		
XMidiSerialize		n	midi	n		
XMLSerialize	xml	y	core	n		
sax/XMLSerialize		n	serializers	n		
XMLSerialize		n	serializers	n		
XMLSerialize		n	scratchpad/ga	n		
ZipArchiveSe	ziparchive	y	core	n		

2.7. Transformers

Java source	Document	A	B	C	D	E
AbstractCons		n	scratchpad	n		
AbstractCople		n	portal	n		
AbstractDOM		n	core	n		
AbstractExtra		n	core	n		
AbstractSAXT		n	core	n		
AbstractSess		n	session-fw	n		
AbstractTrans		n	core	n		
AugmentTrans	augment	y	core	y		
BasketTransf		n	portal	n		
BetwixtTransf		n	scratchpad	n		
CastorTransf		n	scratchpad	n		
CIncludeTrans	cinclude	y	core	y		
CopletTransf		n	portal	n		
DASLTransfo		n	webdav	n		
DeliTransform		n	deli	n		
EncodeURLT	encodeurl	y	core	y		
ErrorAwareTr		n	scratchpad	n		
EventLinkTra		n	portal	n		
ExtendedPars		n	chaperon	n		
	extractor	y		n		
FragmentExtr		n	batik	n		
FilterTransfor	filter	y	core	y		
FormsTempla		n	forms	n		
HTMLEventL		n	portal	n		

HTMLRootTransformer		n	portal	n		
HTMLTransformer		n	html	n		
I18nTransformer	i18n	y	core	y		
IncludeTransformer	include	y	scratchpad	y		
JPathTransformer		n	core	y		
JXTemplateTransformer	jx-template	n	core	n		
LDAPTransformer	ldap	y	naming	n		
LuceneIndexTransformer		n	lucene	n		
LexicalTransformer	lexer	y	chaperon	n		
LinkTransformer		n	portal	n		
LinkRewriterTransformer		n	linkrewriter	n		
LogTransformer	log	y	core	y		
NewEventLinkTransformer		n	portal	n		
ParserTransformer	parser	y	chaperon	n		
PatternTransformer	pattern	y	chaperon	n		
ProxyTransformer		n	portal	n		
ReadDOMSessionTransformer	readdomsession	y	core	y		
RoleFilterTransformer		n	core	y		
RSSTransformer		n	portal	n		
SendMailTransformer		n	mail	n		
ServiceableTransformer		n	core	n		
SessionTransformer		n	session-fw	n		
SessionPostTransformer		n	session-fw	n		
SessionPreTransformer		n	session-fw	n		
SimpleFormListener		n	core	y		
SimpleFormTransformer		n	core	y		
SourcePropertiesTransformer		n	repository	n		
SourceWritingTransformer	sourcewriting	y	core	y		
SQLTransformer	sql	y	databases	n		
TagTransformer		n	taglib	n		
TraxTransformer		n	core	n		
VariableRewriterTransformer		n	linkrewriter	n		
Web3RfcTransformer		n	web3	n		

WriteDOMSe	writedomsess	y	core	y		
XIncludeTran	xinclude	y	core	y		
XMLDBTrans		n	xmlldb	n		
TraxTransform	xslt	y	core	y		

3. To Do

Not a list of everything to be done, just a few notes ...

- Ask everyone to check the current table to see if any components were missed. Before we do anything, we need to be sure that the table is complete.
- Perhaps there are some superfluous entries.
- Create some complete entries to serve as examples and time estimates.
- Review the [LinkAlarm report](#) and fix broken links.
- Document the procedure for reviewing a document/code and for amending this table.
- Enhance the SitemapTask.java
- Add basic SitemapTask attributes to the java code for each compoent. This could be automated. Check if the SitemapTask.java copes with empty default values. Add to column C.
- Does SitemapTask scan the src/blocks/*.java ?
- Some trouble with names (e.g. EncodeURLTransformer) needs doc name lowercase (encodeurl-transformer). Perhaps need extra SitemapTask attribute or do toLower().
- Investigate docs in blocks. The "mail" block has some.
- Reduce the length of labels in the left-hand-panel of the documents, e.g. "Transformer" => "Tr" or delete the word entirely. In the generated */book.xml files.
- Develop tools to analyse the table and ensure that it remains synchronised. See the script in the repository at: tools/review-sitemap-docs/correlate-table.sh
- Monitor the email discussion on the cocoon-dev mailing list: [review of sitemap component documentation](#)

Other notes...

The "@cocoon.sitemap.component.documentation.caching" tag cannot be the last element or it will suck the rest of the javadoc description in with it.

Be careful with "@cocoon.sitemap.component.name" - it is also used for another purpose.

1. Comments

add your comments