

Apache News Online: Apache Cocoon

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24 January 2009 - Apache Cocoon 3.0.0 Alpha 1 Now Available

[The Apache Cocoon Community](#) is proud to announce the release of Cocoon 3.0.0-alpha-1. Apache Cocoon 3 is a major rewrite of Cocoon 2.2. Like Cocoon 2 it is based around the concept of pipelines and sitemaps and it is very similar to Cocoon 2.2 in many respects but is slimmed down and designed to be *easily usable from within any Java environment*. Here is an example of a pipeline that uses SAX components: Pipeline pipeline = new NonCachingPipeline(); pipeline.addComponent(new StringGenerator("")); pipeline.addComponent(new XSLTTransformer(this.getClass().getResource("/test1.xslt"))); pipeline.addComponent(new XSLTTransformer(this.getClass().getResource("/test2.xslt"))); pipeline.addComponent(new XMLSerializer()); pipeline.setup(System.out); pipeline.execute(); On top of this, Cocoon 3 has the goal to become an integration platform for RESTful webservices and web applications. There are several Maven 2 archetypes available that help you to get started. Find a list and usage instructions at

<http://cocoon.apache.org/3.0/download.html> The release artifacts are available from the central Maven repository (<http://repo1.maven.org/maven2/>) or you can download them from the distribution area (<http://cocoon.apache.org/3.0/download.html>). More information about Cocoon 3 is available at <http://cocoon.apache.org/3.0/>

***** W A R N I N G ***** Some user accessible points in this software package should be considered "alpha". This means that the developer team is not investing any effort to provide backward compatibility between alpha releases for these parts. This software will continue to be released as "alpha" until its code, schemas, and APIs are considered stable. Until then, there will be no warranty that newer versions will maintain backward compatibility for such parts, even in the most simple cases. However, once "beta" status is reached, backward incompatible changes will be made only when absolutely necessary to reach "final" status. The Cocoon development team understands the importance of reliable software as well protecting user investments through the creation of a solid development platform that doesn't change. On the other hand, Cocoon 3 should give its developers the freedom to experiment and to react quickly on feedback. Thus, reliability cannot be guaranteed before the software achieves its "final" status. Until then, no effort will be provided to guarantee backward compatibility for any parts considered alpha. -- [The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at 2009-01-24T15:17:57

16 May 2008 - Apache Cocoon 2.2.0 Released

The Apache Cocoon Community is proud to announce the release of Cocoon 2.2.0. Apache Cocoon is a Spring-based framework (since version 2.2 of Cocoon) built around the concepts of separation of concerns and component-based development. Cocoon implements these concepts around the notion of component pipelines, each component on the pipeline specializing on a particular operation. Cocoon 2.2 introduces the idea of blocks. A block is the unit of modularization in Cocoon, allowing the framework to be built upon. (in comparison: Eclipse uses the term plugins, OSGi uses bundles). Everything that goes beyond what Cocoon provides in its core modules (Spring integration, sitemap and pipeline implementation) is provided as block (see below). Custom Cocoon applications are also developed as blocks. A block can provide the following additional features: * general servlet services (any servlet can be managed by the Cocoon servlet-service framework), * special services that provide pipelines as services, * component services (Spring beans, Avalon services/components), * a container for classes and resources. A block is packaged as a Java archive (jar) following certain conventions concerning the directory structure. To read more information about the new features within Cocoon 2.2.0 please go to: http://cocoon.apache.org/2.2/1420_1_1.html.

Alternatively for more information about Apache Cocoon 2.2, please go to, please go to <http://cocoon.apache.org> or follow our getting started guide at

http://cocoon.apache.org/2.2/1159_1_1.html. The release artifacts are available from the central Maven repository (<http://repo1.maven.org/maven2/>) or you can download them from the distribution area (http://cocoon.apache.org/1284_1_1.html). - o -

Additionally we are proud to announce some additional releases: SUBPROJECTS
----- * Cocoon Servlet-Service Framework 1.0.0 The Servlet Service Framework makes it easy to use servlets as components which can communicate with each other. The current implementation is based on Spring 2.5. There are no dependencies on Cocoon core libraries at all.

<http://cocoon.apache.org/subprojects/servlet-service/1.0/> * Cocoon Configuration 1.0.2 The...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2008-05-16T02:25:23](#)

10 January 2008 - Apache Cocoon 2.1.11 Released

[The Apache Cocoon Community](#) is proud to announce the new release of Apache Cocoon.

Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD.

The latest version is downloadable from <http://cocoon.apache.org/mirror.cgi> (Please use the mirrors to download the release - it might take a little bit more time until the latest release is available on all mirrors, so give the mirrors some time - approx. 24h to update.)

This release includes many bug fixes and smaller enhancements.

For more information about Apache Cocoon 2.1.10, please go to <http://cocoon.apache.org>. You'll find the whole list of changes at <http://cocoon.apache.org/2.1/changes.html>.

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2008-01-10T06:16:31](#)

08 November 2007 - Apache Cocoon 2.2 RC2 Now Available

[The Apache Cocoon Community](#) is proud to announce the second release candidate of Cocoon 2.2.

Apache Cocoon is a Spring-based framework (since version 2.2) built around the concepts of separation of concerns and component-based development.

Cocoon implements these concepts around the notion of component pipelines, each component on the pipeline specializing on a particular operation.

Cocoon 2.2 introduces blocks. A block is the unit of modularization in Cocoon (in comparison: Eclipse uses the term plugins, OSGi uses bundles). Everything that goes beyond what Cocoon provides in its core modules (Spring integration, sitemap and pipeline implementation) is provided as block (see below). Custom Cocoon applications are also developed as blocks. A block can provide the following features:

- general servlet services (any servlet can be managed by the Cocoon servlet-service framework),
- special services that provide pipelines as services,

- component services (Spring beans, Avalon services/components),
- a container for classes and resources.

A block is packaged as a Java archive (jar) following certain conventions concerning the directory structure.

Find information about the new features at http://cocoon.apache.org/2.2/1420_1_1.html.

For more information about Apache Cocoon 2.2, please go to <http://cocoon.apache.org> or follow our getting started guide at http://cocoon.apache.org/2.2/1159_1_1.html.

The release artifacts are available from the central Maven repository (<http://repo1.maven.org/maven2/>).

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Additionally we also want to announce some more releases:

SUBPROJECTS

* Cocoon Servlet-Service Framework 1.0.0-RC1

The Servlet Service Framework makes it easy to use servlets as components which can communicate with each other. The current implementation is based on Spring 2.0. There are no dependencies on Cocoon core libraries at all.

<http://cocoon.apache.org/subprojects/servlet-service/1.0/>

* Cocoon Configuration 1.0.1

The Cocoon Configuration subproject provides basic support for configuring web applications. Its current implementation, the Spring Configurator, is a useful component providing support in common configuration issues when using the Spring framework. There are no dependencies on Cocoon core libraries at all.

<http://cocoon.apache.org/subprojects/configuration/1.0/>

BLOCKS

* Cocoon Ajax 1.0.0-RC1

Partial page and form reloads

<http://cocoon.apache.org/2.2/blocks/ajax/1.0/>

* Cocoon Apples 1.0.0-RC2
Pure Java implementations of controller logic.

* Cocoon Auth 1.0.0-RC2
Authentication and authorization of pipelines and control-flow based Cocoon applications.

<http://cocoon.apache.org/2.2/blocks/auth/1.0/>

* Cocoon Batik 1.0.0-RC2
Create Scalable Vector Graphics (SVG) using Cocoon pipelines.

<http://cocoon.apache.org/2.2/blocks/batik/1.0/>

* Cocoon Captcha 1.0.0-RC2
A reader to create CAPTCHAs

<http://cocoon.apache.org/2.2/blocks/captcha/1.0/>

* Cocoon Database 1.0.0-RC2
Direct usage of relational databases with sitemap components.

<http://cocoon.apache.org/2.2/blocks/databases/1.0/>

* Cocoon Flowscript 1.0.0-RC2
Flowscript is a continuation-based implementation of Cocoon control flow based on Rhino (Javascript/ECMAScript).

<http://cocoon.apache.org/2.2/blocks/flowscript/1.0/>

* Cocoon FOP 1.0.0-RC2
Use Apache FOP, an XSL-FO driven print formatter to render pages to PDF or Postscript.

<http://cocoon.apache.org/2.2/blocks/fop/1.0/>

* Cocoon Forms 1.0.0-RC1
Cocoon has an advanced forms framework. Together with Flow and JXTemplates, Cocoon Forms (or CForms) provides a solid basis for building interactive web applications. Cocoon Forms handles complex use cases while still being simple enough to be used by non-Java-programmers who want to add forms to their site.

<http://cocoon.apache.org/2.2/blocks/ajax/1.0/>

* Cocoon Hsqldb-Client 1.0.0-RC2
JDBC access of a Hsql database

<http://cocoon.apache.org/2.2/blocks/hsqldb-client/1.0/>

* Cocoon Hsqldb-Server 1.0.0-RC2
Start a Hsql database server as part of your Cocoon application.

<http://cocoon.apache.org/2.2/blocks/hsqldb-server/1.0/>

* Cocoon HTML 1.0.0-RC2
Generators to deal with HTML.

<http://cocoon.apache.org/2.2/blocks/html/1.0/>

* Cocoon Linkrewriter 1.0.0-RC2
Transformers to rewrite all elements containing links.

<http://cocoon.apache.org/2.2/blocks/linkrewriter/1.0/>

* Cocoon Mail 1.0.0-RC2
Sitemap components to send emails.

<http://cocoon.apache.org/2.2/blocks/mail/1.0/>

* Cocoon Template 1.0.0-RC2
XML-based templating

<http://cocoon.apache.org/2.2/blocks/template/1.0/>

TOOLS

* Cocoon Maven plugin 1.0.0-M1
The Cocoon Maven plugin contains several goals that make the life of software developers easier, e.g. support for running blocks as webapps or support for patching the web.xml at deployment time.

<http://cocoon.apache.org/2.2/maven-plugins/maven-plugin/1.0/>

* Cocoon Block Archetype 1.0.0-RC2
This archetype creates a Cocoon block that comes with some small samples.

<http://cocoon.apache.org/2.2/maven-plugins/>

* Cocoon Plain-Block Archetype 1.0.0-RC2

Use this archetype to create the simplest possible Cocoon block.

<http://cocoon.apache.org/2.2/maven-plugins/>

* Cocoon Webapp Archetype 1.0.0-RC2

Use this archetype to create a web application that is configured to host Cocoon blocks.

<http://cocoon.apache.org/2.2/maven-plugins/>

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2007-11-08T21:38:12](#)

22 December 2006 - Apache Cocoon 2.1.10 Released

[The Apache Cocoon Community](#) is proud to announce the new release of Apache Cocoon.

Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD.

The latest version is downloadable from <http://cocoon.apache.org/mirror.cgi> (Please use the mirrors to download the release - it might take a little bit more time until the latest release is available on all mirrors, so give the mirrors some time - approx. 24h to update.)

This release includes many bug fixes and smaller enhancements.

For more information about Apache Cocoon 2.1.10, please go to <http://cocoon.apache.org/>. You'll find the whole list of changes at <http://cocoon.apache.org/2.1/changes.html>.

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2006-12-22T08:14:24](#)

09 April 2006 - Apache Cocoon 2.1.9 Released

[The Apache Cocoon Community](#) is proud to announce the new release of Apache Cocoon.

Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD.

The latest version is downloadable from <http://cocoon.apache.org/mirror.cgi> (Please use the mirrors to download the release - it might take a little bit more time until the latest release is available on all mirrors, so give the mirrors some time - approx. 24h to update.)

This release includes many bug fixes and smaller enhancements.

For more information about Apache Cocoon 2.1.9, please go to <http://cocoon.apache.org>. You'll find the whole list of changes at <http://cocoon.apache.org/2.1/changes.html>.

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2006-04-09T03:05:03](#)

19 November 2005 - Apache Cocoon 2.1.8 Released

The Apache Cocoon community released the version 2.1.8 of Apache Cocoon. -- [\(read more\)](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2005-11-19T16:57:12](#)

24 March 2005 - Apache Cocoon 2.1.7 Released

Apache Cocoon 2.1.7 Released

[The Apache Cocoon Community](#) is proud to announce the new release of Apache Cocoon. This release is licensed under the Apache License, Version 2.0, and

builds/run under JDK 5.0.

Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD.

Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming.

We like to think at Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts.

The latest version is downloadable from

<http://cocoon.apache.org/mirror.cgi>

(Please use the mirrors to download the release - it might take a little bit more time until the latest release is available on all mirrors, so give the mirrors some time - approx. 24h to update.)

For more information about Apache Cocoon 2.1.7, please go to

<http://cocoon.apache.org>.

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at 2005-03-24T08:57:26

19 November 2004 - Apache Cocoon 2.1.6 Released

The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. This release is licensed under the Apache License, Version 2.0.

Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD.

Cocoon implements these concepts around the notion of 'component pipelines'

modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming.

We like to think at Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts.

The latest version is downloadable from <http://cocoon.apache.org/mirror.cgi> (Please use the mirrors to download the release - it might take a little bit more time until the latest release is available on all mirrors, so give the mirrors some time - approx. 24h to update.)

For more information about Apache Cocoon 2.1.6, please go to <http://cocoon.apache.org>.

[-- The Apache Cocoon Project](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2004-11-19T23:58:01](#)

27 June 2004 - Apache Lenya 1.2 released

[Apache Lenya](#) 1.2 is now Available.

Apache Lenya is an Open-Source Content Management System written in Java and based on open standards such as XML and XSLT. Lenya is built on top of [Apache Cocoon](#) and other components from the Apache Software Stack. Its XML-centric architecture allows for content delivery targeted to the capabilities of various devices, and avoids data lock-in. Apache Lenya is built around Off the Shelf components from [the Apache Software Foundation](#).

Downloads:

<http://www.apache.org/dyn/closer.cgi/lenya>

[-- The Apache Lenya Community](#)

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2004-06-27T22:56:22](#)

25 May 2004 - Apache Cocoon 2.1.5 Released

The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. This release is licensed under the [Apache License, Version 2.0](#). Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD. Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming. We like to think at Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts. The latest version is downloadable from <http://cocoon.apache.org/mirror.cgi> For more information about Apache Cocoon 2.1.5, please go to <http://cocoon.apache.org>.

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2004-05-25T09:50:50](#)

13 February 2004 - Apache Cocoon 2.1.4 Released

The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD. Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming. The latest version is downloadable from here For more information about Apache Cocoon 2.1.4, please go to [Apache Cocoon Home Page](#). The Apache Cocoon Project...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2004-02-13T22:32:32](#)

14 November 2003 - Apache Cocoon 2.1.3 Released

The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. This new release is a major maintenance release focusing on minor improvements and bug fixes. Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other's toes) and component-oriented web RAD. Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming. We like to think of Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts. For more information about Apache Cocoon 2.1.3, please go to the Apache Cocoon website...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2003-11-14T04:03:37](#)

02 October 2003 - Apache Cocoon 2.1.2 Released

Apache Cocoon 2.1.2 Released ----- The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other's toes) and component-oriented web RAD. Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming. We like to think of Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts. For more information about Apache Cocoon 2.1.2, please go to <http://cocoon.apache.org/> The Apache Cocoon Project...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2003-10-02T04:44:58](#)

13 August 2003 - Apache Cocoon 2.1 Released

The Apache Cocoon Community is proud to announce the new release of Apache Cocoon. Apache Cocoon is a web development framework built around the concept of separation of concerns (that is: allowing people to do their job without having to step on each other toes) and component-oriented web RAD. Cocoon implements these concepts around the notion of 'component pipelines' modelled after the 'process chain' concept where each worker specializes on a particular operation. This makes it possible to use a Lego(tm)-like approach in building web solutions where these components can be hooked together into pipelines without requiring further programming. We like to think at Cocoon as "web glue" for your web application development needs. But most important, a glue that can keep concerns separate and allow parallel evolution of the two sides, improving development pace and reducing the chance of conflicts. For more information about Apache Cocoon 2.1, please go to <http://cocoon.apache.org/> The Apache Cocoon Project...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2003-08-13T06:11:19](#)

30 Jul 2003 - Apache Cocoon 2.1 Release Candidate released

The Apache Cocoon team is proud to announce the new release of Apache Cocoon. Check out the Cocoon website <http://cocoon.apache.org/2.1/> for more information. Apache Cocoon is an XML framework that raises the usage of XML and XSLT technologies for server applications to a new level. Designed for performance and scalability around pipelined SAX processing, Cocoon offers a flexible environment based on the separation of concerns between content, logic and style. A centralized configuration system and sophisticated caching top this all off and help you to create, deploy and maintain rock-solid XML server applications. Today, most web engineers consider XML as the key for an improved web model and web site managers see XML as a way to reduce costs and ease production. In an era where services rather than software will be key for economic success, a better and less expensive model for web publishing will be a winner, especially one based on open standards. The Apache Cocoon Team...

Note:

Apache Cocoon -- Posted by [Tetsuya Kitahata](#) at [2003-07-30T06:32:43](#)