

Apache Geronimo

by The Apache Incubator Project

Apache Geronimo - J2EE Container

1. 概要

Apache Geronimo は、Apache Software Foundation による、J2EE互換コンテナ開発の為の新作です。はじまりの経緯については、[提案](#)ページをお読み下さい。

より一層の情報につきましては、どうぞ[FAQ](#) (以下) を最新スナップショット用に、また、[こちら \(Wiki\)](#) をライブ版としてお読みになってください。

Apache内でのインキュベーション段階の間、このページがGeronimoの公式サイトとなります。私たちには既に、[将来のプロジェクトサイト](#)のアルファバージョンがあります。

2. どのように参加すればよいでしょうか？

サマリ

[メーリングリスト](#)にSubscribeします。

[CVS](#)から、コードとデータをダウンロードします。

[FAQ](#)を読みます。

はい、どうぞ参加・投稿をお願いします！

The most important step is to join the [mailing list](#). It is not necessary to post a "Hi" message or to join the project. By subscribing to the list, you're joining the project. After that, it is all down to participation.

As with all [Apache](#) projects, the usual form is to get the project's source via CVS tools, join the mailing list(s), find something to do, and submit a patch to the mailing list for their approval and application.

We assume that patch donators are familiar with CVS, diff and patch. If you are not familiar with those tools, or want additional information about how things work, here are some links:

[Apache Contributors Technical Guide](#)
[Jakarta's Get Involved page.](#)

Geronimo, if it passes the incubation stage, will become an [Apache](#) project. As an Apache project, the Apache approach to open source community and development will apply. If you aren't familiar with how things are done by Apache projects, please familiarize yourself with the information available on the [site](#). Here are some good selections from the Jakarta project site that should help you understand the Apache community process :

[Roles and Responsibilities](#)
[Decision Making](#)
[Source Repositories](#)

3. Mailing Lists

Apache Geronimo has two mailing lists of interest, the geronimo-dev list, where all the discussion occurs, and the geronimo-cvs list, which receives commit mails each time a commit is made to the incubator-geronimo [CVS](#) module.

You can subscribe to the mailing lists by sending an email to one or both of the following addresses :

geronimo-dev-subscribe@incubator.apache.org
geronimo-cvs-subscribe@incubator.apache.org

To send a message to the Geronimo mailing list without subscribing, try the following link:

geronimo-dev@incubator.apache.org

However, unless you subscribe to the list, you may not get a response. Subscribing to the list is how you join the project, and follow events.

There is also a [mailing list archive](#), where you can catch up on prior discussion.

4. The Wiki

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The project Wiki is [here](#).

5. Where is the source and download?

We have a number of code donations "on deck" which are being evaluated. Once those donations are processed, then they will be checked into the Apache Geronimo CVS module.

The CVS module is named `incubator-geronimo`. Here is an example of checking out Apache Geronimo with the CVS command-line client:

```
$ export CVSROOT=:pserver:anoncvs@cvs.apache.org:/home/cvspublic
$ cvs login
Logging in to :pserver:anoncvs@cvs.apache.org:2401/home/cvspublic
CVS password:
$ cvs checkout incubator-geronimo
...
```

Note:

Use "anoncvs" for the anoncvs user's CVS password.

The code can be browsed through ViewCVS at <http://cvs.apache.org/viewcvs/incubator-geronimo/>.

6. FAQ

Note:

Updated : 2003-08-07 1500 GMT

Note:

The following is a snapshot from the FAQ on the Apache Wiki. It's here for your convenience, but may be out of date at any moment. For the updated FAQ, please go [here](#).

These are questions that have come up on the mailing list so far. They are unofficial, but are best efforts by community members to record useful answers.

Some questions are unanswered as yet. Have an answer? Please discuss it on the mailing list, and record the conclusion here.

Q: I'd like to find out more and help etc. What do I do next?

A: Participation on the project is via the mailing list and the source code repository. You join by joining the mailing list, and by participating in discussion. You help by contributing your ideas, enthusiasm, code, documentation, tests, and intangibles.

The fundamental tenet of the ASF is that Great Communities build great code. The emphasis is on Community; the code comes from that. If you want to help, just join the mailing list, see what needs to be done, and do it.

Welcome. :-)

Q: Where is the mailing list? How do I subscribe?

A: The mailing list is geronimo-dev@incubator.apache.org. You subscribe by sending e-mail to [\[geronimo-dev-subscribe@incubator.apache.org\]](mailto:geronimo-dev-subscribe@incubator.apache.org).

Q: Is there an archive?

A: [\[Apache J2EE Archives\]](#)

Q: Can you mail me if you're interested in me helping.

A: That's not how open source communities generally work. To the people who have asked to be contacted if Apache are interested, it's unlikely that this will happen with all the huge interest that this has generated. Better to stay in touch with the mailing list.

Q: Where is the Apache CVS module

A: [incubator-geronimo \[Browse CVS\]](#)

Q: The CVS module is empty, is there an issue

A: No. The initial committers have not publicly released the base code. Be patient.

Q: Will it involve JBoss code.

A: No.

This is a new Apache project, running under Apache guidelines. The Apache Software Foundation accepts only voluntary contributions of material from

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authors who possess the legal right to donate it.

Q: Will it <insert some technical phrase here>?

A: It's probably worth holding these questions off for the moment. This project is bringing together members and contributions from many existing J2EE communities, and is just starting to come together.

Q: What are the rules for Geronimo?

A: See the [\[Apache Incubator\]](#) web site.

Q: What's the website?

A: [\[Apache J2EE Project\]](#)

Q: What tools do I need to learn?

A: CVS. patch. Using a mail list.

Q: Relationship to JBoss and in particular, the JBoss source base.

A: Several (former) JBoss committers are Geronimo committers. The JBoss codebase cannot, and will not, be used, at all (it is LGPL).

Q: Does Geronimo replace Tomcat, JSTL etc.

A: No. Geronimo includes other services like Tomcat or Jetty for the web container, OpenJMS for the JMS, Tyrex for the transaction manager etc. So Geronimo focusses on being the J2EE container allowing other services to drop in via JMX.

Q: What other projects will Geronimo reuse?

A: We suspect in the grand scheme of things to reuse various existing open source projects. Anything which has a suitable BSD / ASF licence is up for grabs. e.g. the following is a likely list of the things we'll be using (though in no way is this definitive)...

From the ASF licenced projects...

- MX4J for JMX
- Tomcat or Jetty for Web Container
- Axis for Web Services Stack

James for email
OJB for JDO
commons-jndi for JNDI

As well as some non-ASF licenced stuff which is BSD licenced

OpenJms for JMS
Tyrex for Transaction Manager

As well as the usual infrastructure...

commons-logging / log4j for logging
Xerces for XML parsing
maybe more of JakartaCommons as needed
Maven for building the distributions & website
JUnit for unit testing

(1) There is currently a JNDI implementation in Tomcat's CVS. It might be better to move this to Jakarta Commons so we can all work & extend it - there are various features from Jetty and OpenEjb we'd like to add?

Q: Administration Overview such as an amalgamation of many projects or one large project with subject areas.

Q: Timeline to 1.0 (what does it include).

Q: Will Geronimo be compliant with Sun's CTS.

Q: What is Geronimo's Architectural vision and what does the back plane look like (i.e., is it JMX based?).

Q: What standards are targeted and which are under active development?