



# **Apache Geronimo v2**

## serwer aplikacyjny Java EE 5

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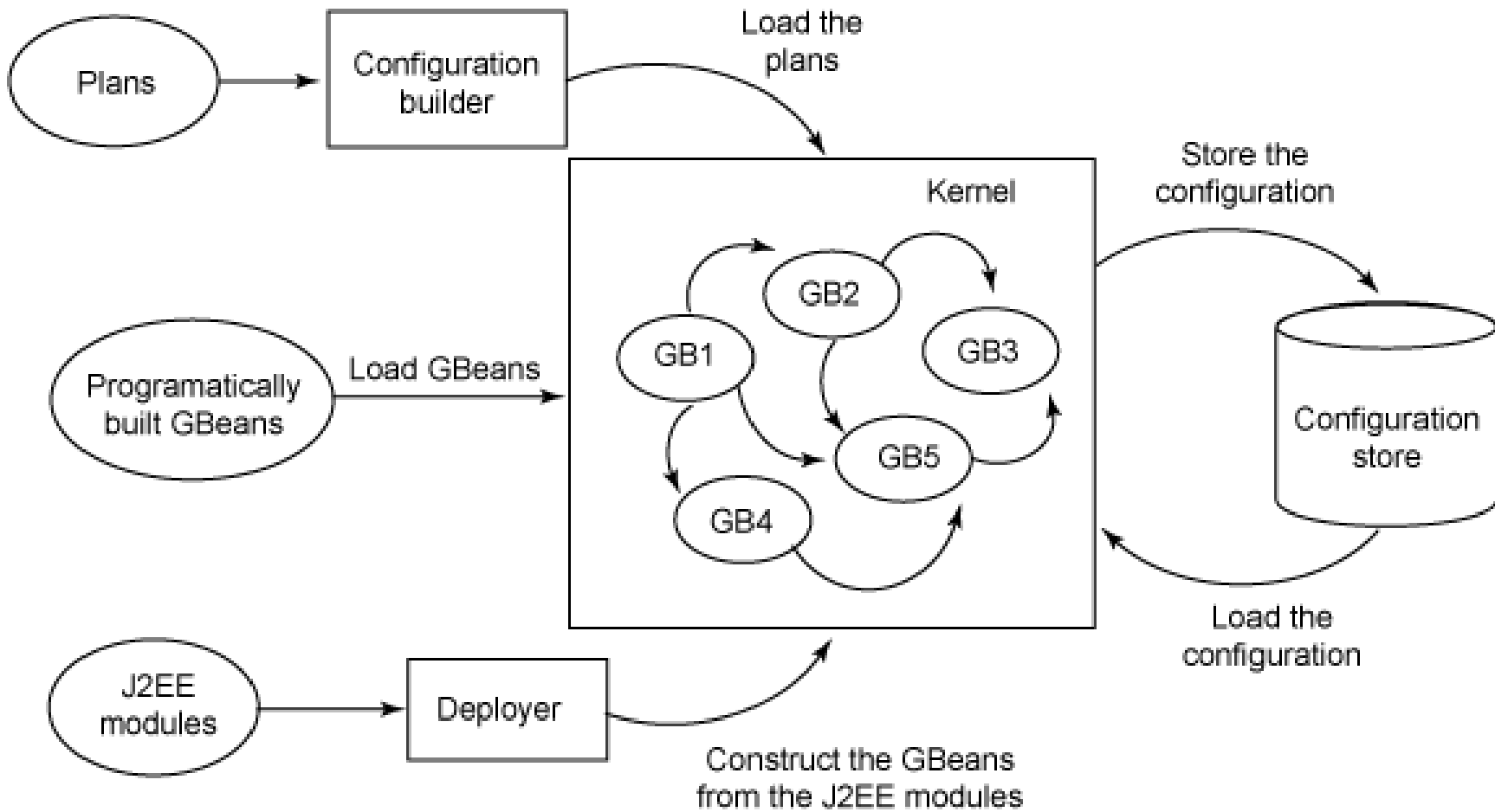
# O mnie...

- Pasjonat technologii Java Enterprise Edition
- Aktywny uczestnik wielu projektów otwartych
- Członek zespołów [Apache Geronimo](#) oraz [Apache OpenEJB](#)
- Założyciel i lider [Warszawa JUG](#)
- Przemyslenia, opinie, relacje publikuje w Notatniku Projektanta Java EE - <http://www.JacekLaskowski.pl>
- Służbowo: konsultant oprogramowania w IBM

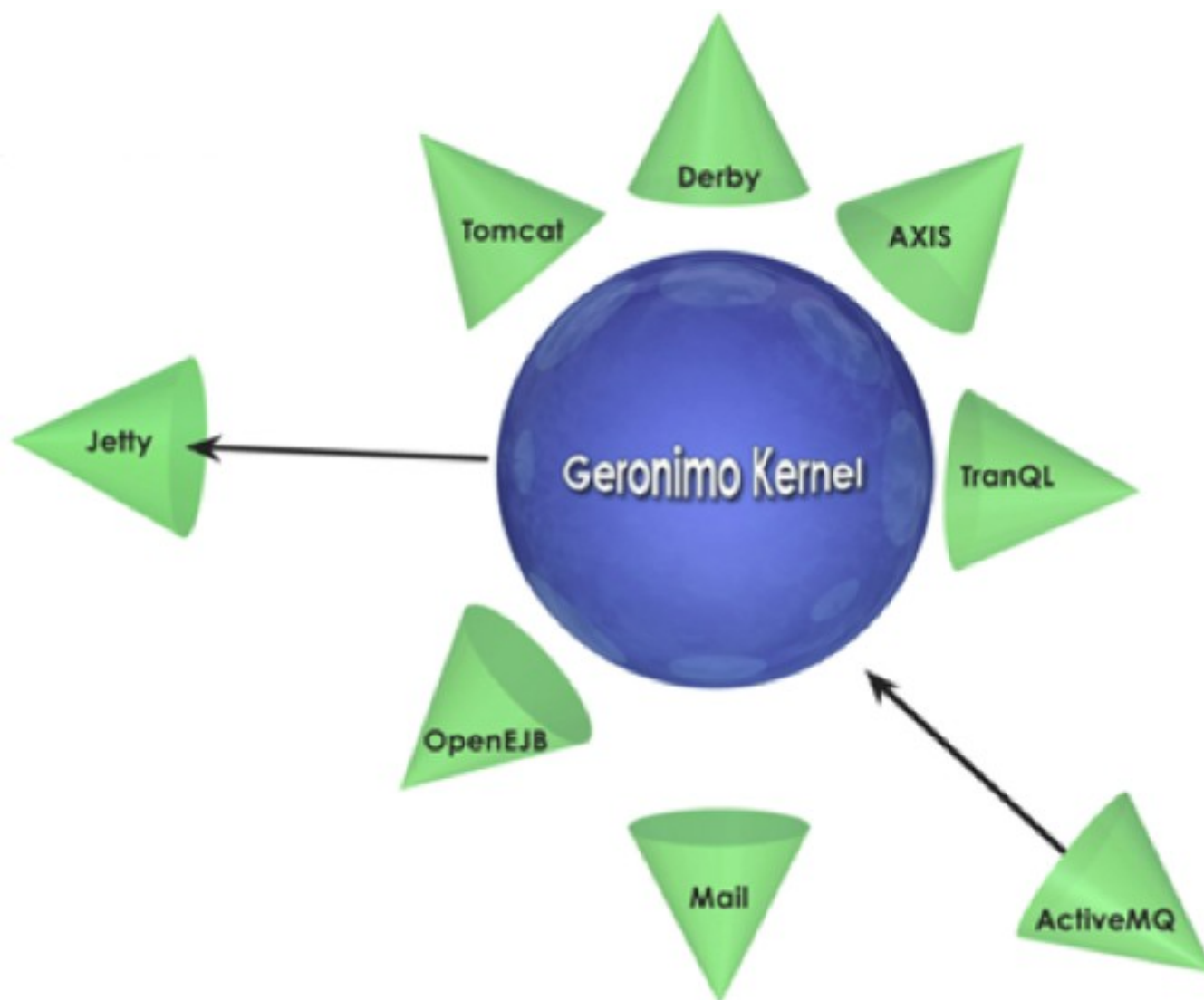
# O Apache Geronimo...

- Projekt otwarty serwera aplikacyjnego Java EE w Apache Software Foundation (ASF)
- Strona domowa – <http://geronimo.apache.org>
- Utworzony w 2003 r. przez programistów z wielu otwartych projektów (JBoss, OpenEJB, MX4J, Jetty) na licencji ASL 2.0
- 2004-04-29 – Geronimo 1.0M1 – Java EE 1.4
- 2007-03-04 – Geronimo 2.0M3 – Java EE 5
- IBM WebSphere Application Server Community Edition (IBM WASCE)

# Architektura Geronimo



# Architektura Geronimo



# Układanka Geronimo

Apache CXF



**ActiveMQ**



OpenJPA

mx4j



APACHE  
GERONIMO

axis

Apache Derby 



**jetty://**

# Java EE 5 w Geronimo

- Servlet 2.5 – Apache Tomcat 6 oraz Jetty 6
- JSP 2.1 – Apache Tomcat 6 oraz Jetty 6
- JSF 1.2 – Apache MyFaces 1.2
- EJB 3.0 – Apache OpenEJB 3
- JPA 1.0 – Apache OpenJPA 0.9
- JAX-WS 2.0 – Apache Axis 2 oraz Apache CXF
- Web Services Metadata 2.0 – Axis2 oraz CXF

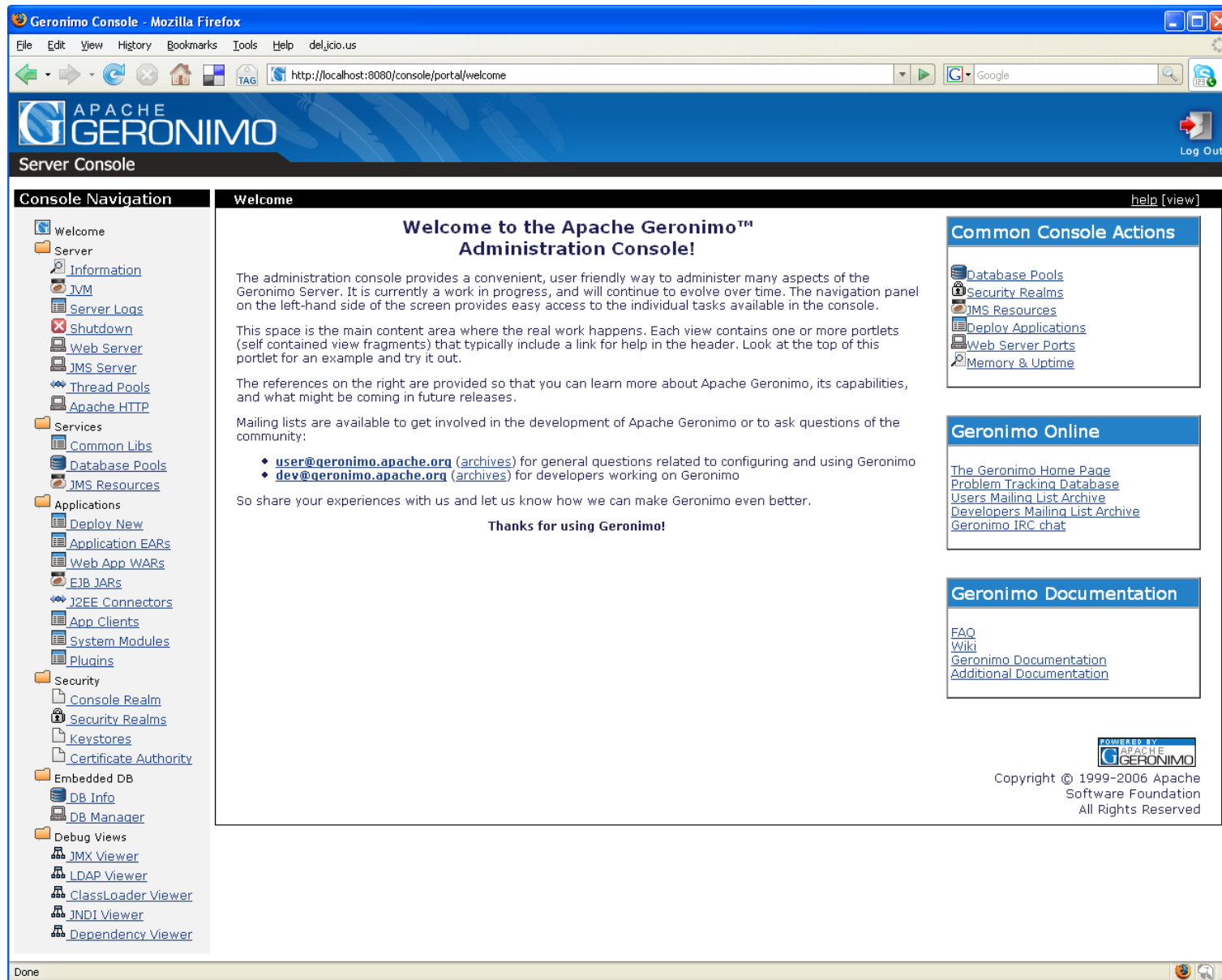
# Administracja to trudne zadanie...



...ale nie z Apache Geronimo!



# Konsola administracyjna



**Geronomo Console - Mozilla Firefox**  
File Edit View History Bookmarks Tools Help deljcio.us  
http://localhost:8080/console/portal/welcome

## Server Console

Log Out

### Console Navigation

- Welcome
- Server
  - Information
  - JVM
  - Server Logs
  - Shutdown
  - Web Server
  - JMS Server
  - Thread Pools
  - Apache HTTP
- Services
  - Common Libs
  - Database Pools
  - JMS Resources
- Applications
  - Deploy New
  - Application EARs
  - Web App WARs
  - EJB JARs
  - J2EE Connectors
  - App Clients
  - System Modules
  - Plugins
- Security
  - Console Realm
  - Security Realms
  - Keystores
  - Certificate Authority
- Embedded DB
  - DB Info
  - DB Manager
- Debug Views
  - JMX Viewer
  - LDAP Viewer
  - ClassLoader Viewer
  - JNDI Viewer
  - Dependency Viewer

### Welcome

help [view]

#### Welcome to the Apache Geronimo™ Administration Console!

The administration console provides a convenient, user friendly way to administer many aspects of the Geronimo Server. It is currently a work in progress, and will continue to evolve over time. The navigation panel on the left-hand side of the screen provides easy access to the individual tasks available in the console.

This space is the main content area where the real work happens. Each view contains one or more portlets (self contained view fragments) that typically include a link for help in the header. Look at the top of this portlet for an example and try it out.

The references on the right are provided so that you can learn more about Apache Geronimo, its capabilities, and what might be coming in future releases.

Mailing lists are available to get involved in the development of Apache Geronimo or to ask questions of the community:

- ♦ [user@geronimo.apache.org](mailto:user@geronimo.apache.org) (archives) for general questions related to configuring and using Geronimo
- ♦ [dev@geronimo.apache.org](mailto:dev@geronimo.apache.org) (archives) for developers working on Geronimo

So share your experiences with us and let us know how we can make Geronimo even better.

**Thanks for using Geronimo!**

#### Common Console Actions

- Database Pools
- Security Realms
- JMS Resources
- Deploy Applications
- Web Server Ports
- Memory & Uptime

#### Geronomo Online

- The Geronimo Home Page
- Problem Tracking Database
- Users Mailing List Archive
- Developers Mailing List Archive
- Geronomo IRC chat

#### Geronomo Documentation

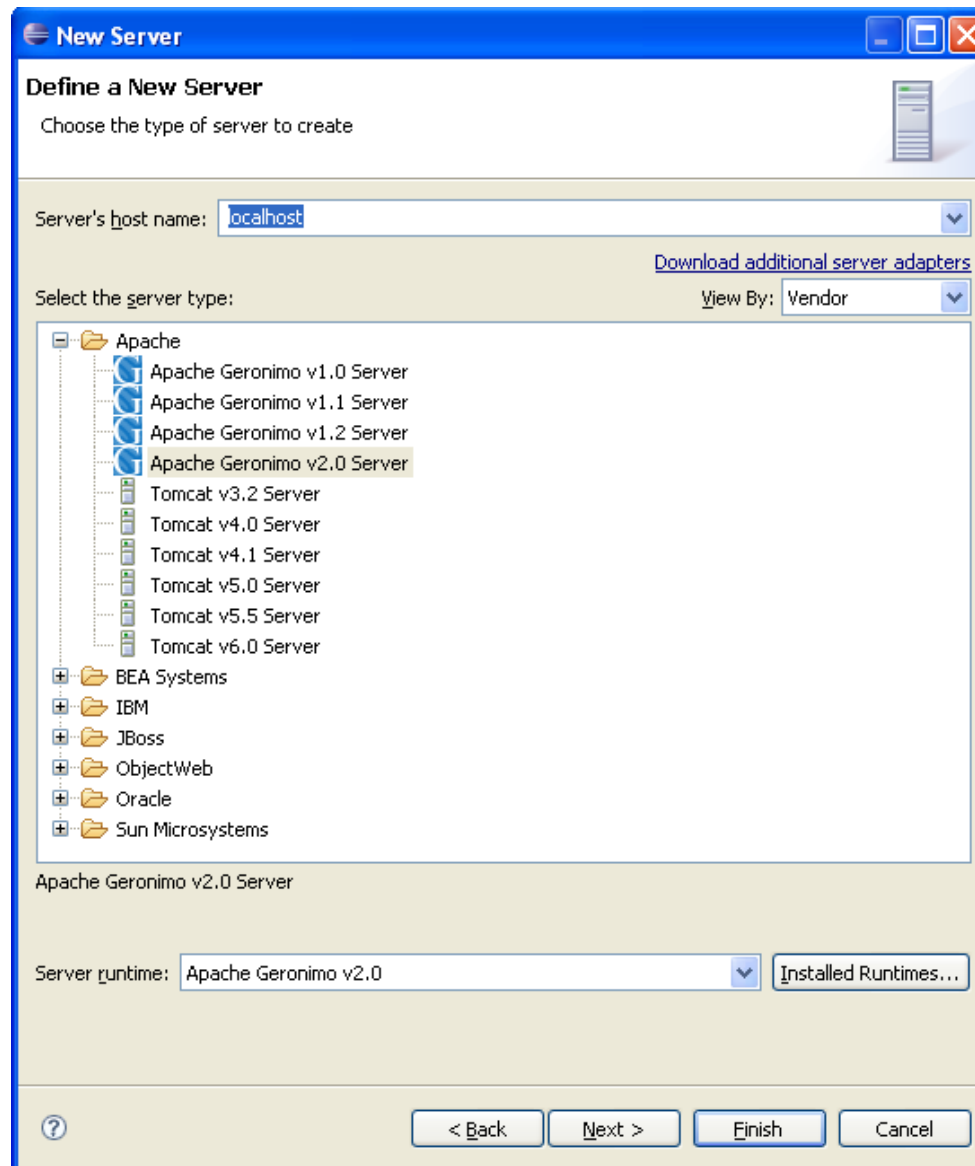
- FAQ
- Wiki
- Geronomo Documentation
- Additional Documentation

POWERED BY  
APACHE  
GERONIMO

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Done

# Wtyczka Geronimo do Eclipse IDE



# Plany rozwojowe

- Certyfikowana wersja Apache Geronimo 2.0 z Java EE 5 przed JavaOne – 8-11.05.2007
- Pełne klastrowanie – nie tylko w warstwie kontenera servletów
- Wsparcie dla NetBeans IDE
- Jądro oparte o OSGi

# Pytania

