



# Architecture des Systèmes d'Information

JBOSS



**Traduction en cours**



# Jboss open source.



- Marc Fleury a démarré le projet **JBoss** en 1999
- Puis a créé la société Jboss en 2001.
- JBoss a été rachetée ( \$350M) par **Red Hat** en avril 2006.





# JBoss Enterprise Middleware Suite (JEMS)

- Application Server (JBoss AS, Tomcat)
- O/R Mapping and Persistence (Hibernate)
- Portal Platform (JBoss Portal)
- Business Process Management and Rules (JBoss jBPM, JBoss Rules)
- Object/Data Cache (JBoss Cache)
- Distributed Transaction Management (JBoss Transactions)
- Development Tools (JBoss Tools plugin for Eclipse)

# JBoss architecture



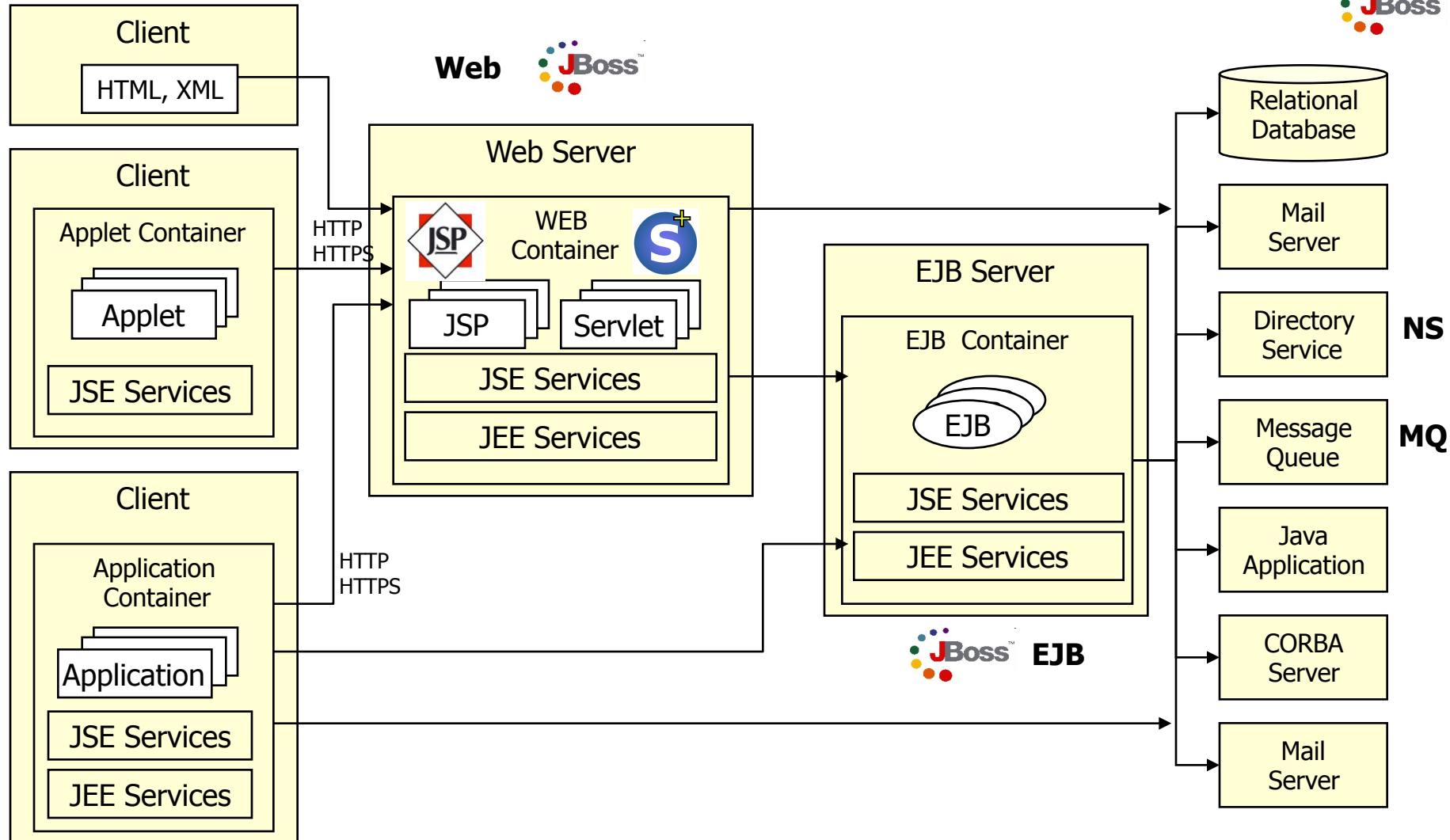
- the JBoss architecture consists of the JMX MBean server, the microkernel, and a set of pluggable component services, the Mbeans.

[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)



Traduction en cours

# Web Server Enterprise Components

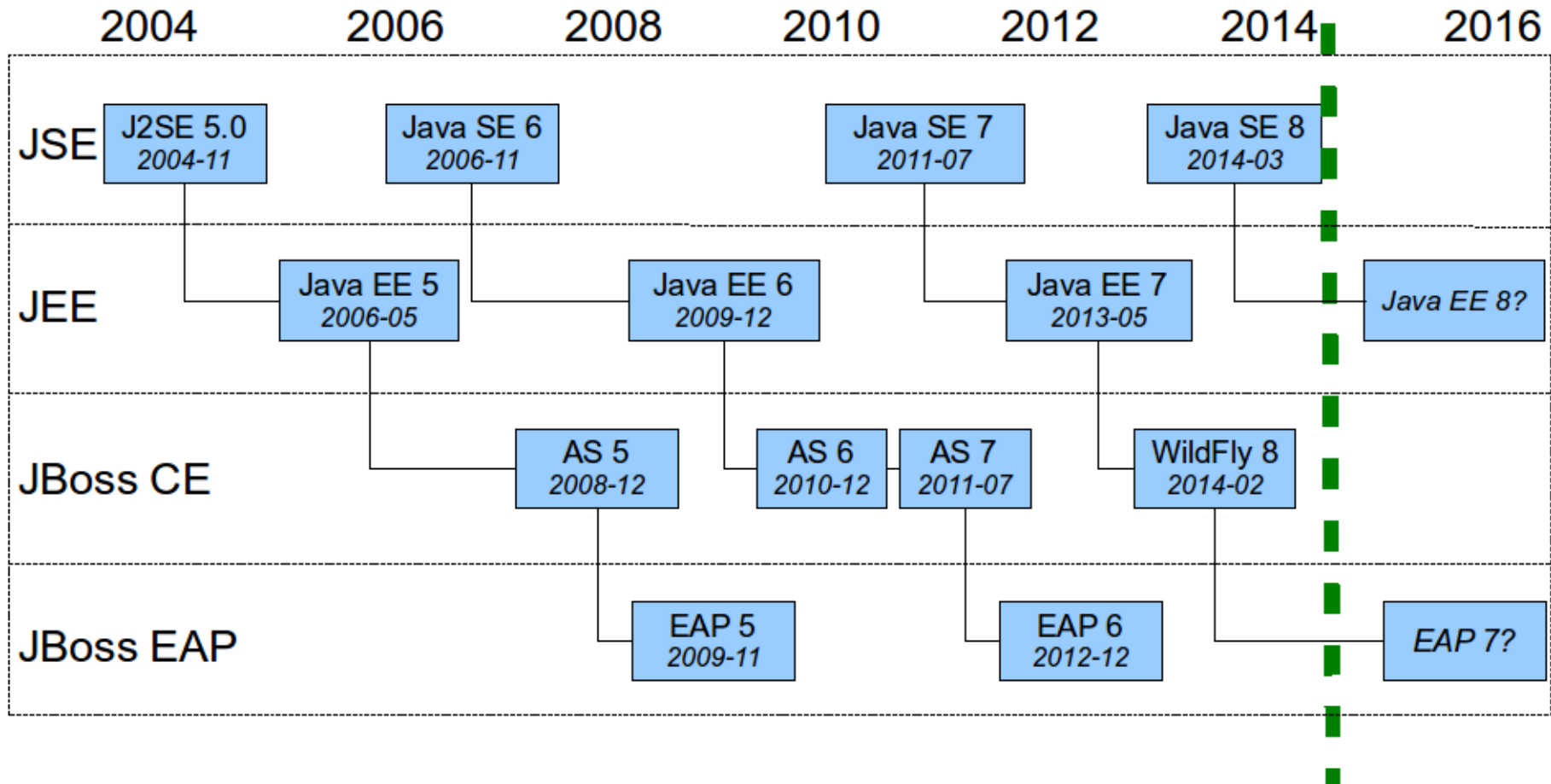




# JBoss Revision History

- 1999 open-source EJB container
- Version 2.x : a full J2EE application server
- Version 3.x : based on JMX microkernel and service-oriented architecture (May 2002)
- Version 4.x : AOP aspect-oriented middleware services, EJB 3 (September 2004)
- Version 5.x : JBoss Microcontainer (also a stand-alone project) and replaces JMX Microkernel of the 3.x and 4.x JBoss series (December 2008)
- Version 6.x : Java EE 6 APIs and Profiles. Replaces JBoss Messaging with HornetQ (6.0.0.M3 released in April 2010)
- **WildFly 8.0 : JEE 7** compliant application server

# Time Line (since JEE)

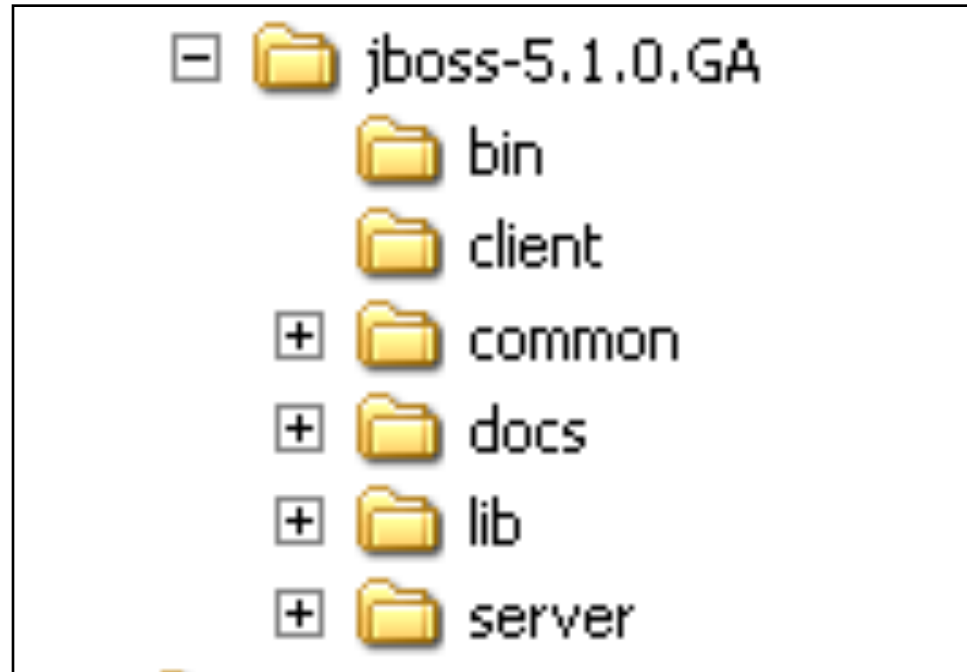


<http://redpill-linpro.com/blogpost/debunking-myths-about-naming-and-version-numbering-jboss>

**CE** : Community Edition  
**EAP** : Enterprise Application Platform



# JBoss 5 Main Directories





# JBoss 6 Main Directories



Nom	Date de modification
.DS_Store	21:12
▶ bin	24/01/13
▶ client	24/01/13
▶ common	16/08/11
▶ docs	16/08/11
▶ lib	24/01/13
▶ server	10/08/13
copyright.txt	16/08/11
LICENSE.txt	16/08/11
README.txt	16/08/11
jar-versions.xml	16/08/11

Macintosh HD ▶ Utilisateurs ▶ emmanuelfuchs ▶ jboss-6.1.0.Final

# Main Directories



## ■ bin:

- contains startup and shutdown and other system-specific scripts. We've already seen the run script which starts JBoss.

## ■ client:

- stores configuration and JAR files which may be needed by a Java client application or an external web container.
- You can select archives as required or use jbossall-client.jar.

## ■ docs:

- contains the XML DTDs used in JBoss for reference (these are also a useful source of documentation on JBoss configuration specifics).
- There are also example JCA (Java Connector Architecture) configuration files for setting up datasources for different databases (such as MySQL, Oracle, Postgres).

**[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)**



Traduction en cours

# Main Directories



## ■ Lib:

- JAR files which are needed to run the JBoss microkernel. You should never add any of your own JAR files here.

## ■ server:

- each of the subdirectories in here is a different server configuration.
- The configuration is selected by passing `-c <config-name>` to the run script.

[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)



Traduction en cours

# Server Configurations



## ■ minimal:

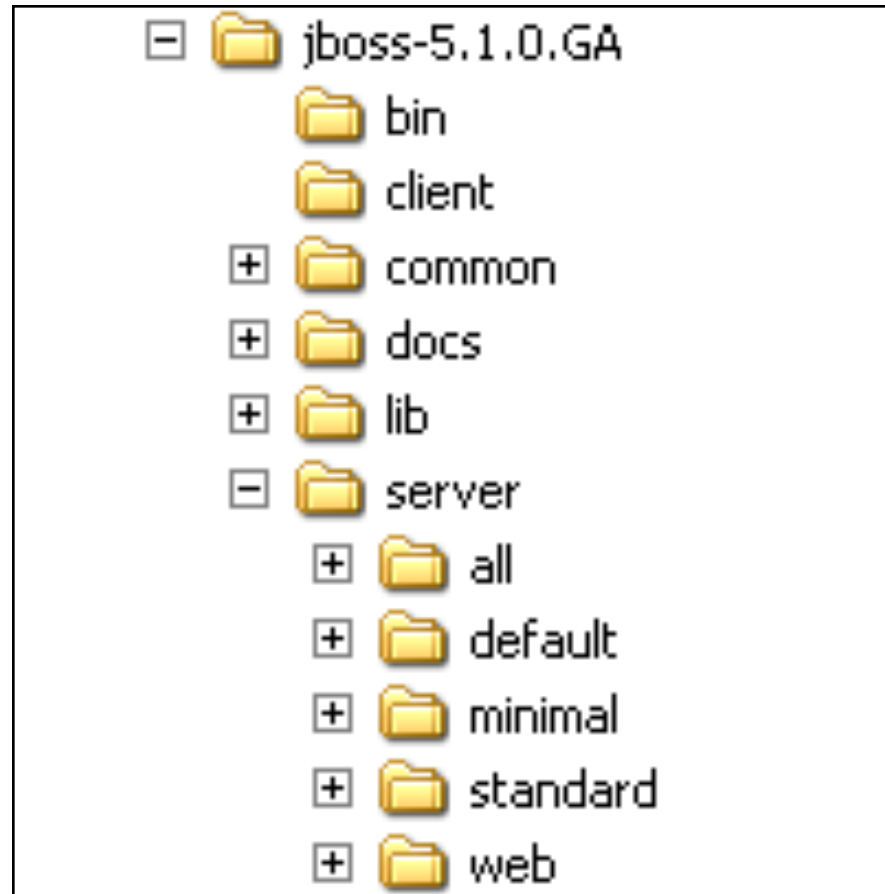
- The minimal configuration contains the bare minimum services required to start JBoss.
- It starts the logging service, a JNDI server and a URL deployment scanner to find new deployments.
- This is what you would use if you want to use JMX/JBoss to start your own services without any other J2EE technologies.
- This is just the bare server.
- There is no web container, no EJB or JMS support.

**[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)**



Traduction en cours

# Server Configurations



# Server Configurations



## ■ default:

- The default configuration consists of the standard services needed by most J2EE applications.
- It does not include the JAXR service, the IIOP service, or any of the clustering services.

## ■ all:

- The all configuration starts all the available services. This includes the RMI/IIOP and clustering services, which aren't loaded in the default configuration.

**[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)**



Traduction en cours

# Server Configurations



- Within the server directory, there are three example server configurations: all, default and minimal, each of which provides a different set of services.
- the default configuration is the one used if you don't specify another one when starting up the server, so that's the one we were running in the previous chapter.

[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)



Traduction en cours

# JBoss directory server configuration



- The directory server configuration you're using, is effectively the server root while JBoss is running.
- It contains all the code and configuration information for the services provided by the particular configuration.
- It's where the log output goes, and it's where you deploy your applications.

[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)



Traduction en cours



# Directory server configuration



## ■ conf:

- This directory contains the jboss-service.xml file which specifies the core services.
- Also used for additional configuration files for these services.

## ■ data:

- This directory holds persistent data for services intended to survive a server restart.
  - Ex : Map Background
- Several JBoss services, such as the embedded Hypersonic database instance, store data there.

[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)



Traduction en cours

# Directory server configuration



## ■ deploy:

- The deploy directory contains the hot-deployable services (those which can be added to or removed from the running server) and applications for the current server configuration.
- You deploy your application code by placing application packages (JAR, WAR and EAR files) in the deploy directory.
- The directory is constantly scanned for updates, and any modified components will be re-deployed automatically.

**[http://docs.jboss.org/jbossas/getting\\_started/v4/html/tour.html](http://docs.jboss.org/jbossas/getting_started/v4/html/tour.html)**



Traduction en cours

# Directory server configuration



- lib:
  - This directory contains JAR files needed by this server configuration. You can add required library files here for JDBC drivers etc.
- log:
  - This is where the log files are written.
  - JBoss uses the Jakarta log4j package for logging and you can also use it directly in your own applications from within the server.
- tmp:
  - The tmp directory is used for temporary storage by JBoss services.
  - The deployer, for example, expands application archives in this directory.
- work:
  - This directory is used by Tomcat for compilation of JSPs.



Traduction en cours

# Wildfly directory



File Explorer window showing the contents of the **wildfly-11.0.0.Final** directory.

Navigation pane (left): Récents, Dossier personnel, Documents, Images, Musique, Téléchargements, Vidéos, Corbeille, KINGSTON, Lexar.

Address bar: Dossier personnel > Téléchargements > **wildfly-11.0.0.Final**

Nom	Taille	Type	Propriétaire	Groupe	Permissions
▶ appclient	1 élément	Dossier	Moi	fuchs	drwxr--
▶ bin	50 éléments	Dossier	Moi	fuchs	drwxr--
▶ <b>docs</b>	4 éléments	Dossier	Moi	fuchs	drwxr--
▶ domain	3 éléments	Dossier	Moi	fuchs	drwxr--
▶ modules	1 élément	Dossier	Moi	fuchs	drwxr--
▶ standalone	6 éléments	Dossier	Moi	fuchs	drwxr--
▶ welcome-content	10 éléments	Dossier	Moi	fuchs	drwxr--
copyright.txt	2,5 ko	Texte	Moi	fuchs	-rw-r--
jboss-modules.jar	403,7 ko	Archive	Moi	fuchs	-rw-r--
LICENSE.txt	26,5 ko	Texte	Moi	fuchs	-rw-r--
README.txt	2,2 ko	Texte	Moi	fuchs	-rw-r--

« docs » sélectionné (contenant 4 éléments)

# Wildfly directory



Navigation bar: < > Téléchargements wildfly-11.0.0.Final standalone

Left sidebar:

- Récents
- Dossier personnel
- Documents
- Images
- Musique
- Téléchargements
- Vidéos
- Corbeille
- KINGSTON
- Lexar
- /

Nom	Taille	Type	Propriétaire	Groupe	Permiss
configuration	12 éléments	Dossier	Moi	fuchs	drwxr-
data	4 éléments	Dossier	Moi	fuchs	drwxr-
deployments	1 élément	Dossier	Moi	fuchs	drwxr-
lib	1 élément	Dossier	Moi	fuchs	drwxr-
log	2 éléments	Dossier	Moi	fuchs	drwxr-
tmp	2 éléments	Dossier	Moi	fuchs	drwxr-

# Wildfly directory



Dossier personnel > Téléchargements > wildfly-11.0.0.Final > bin						
	Nom	Taille	Type	Propriétaire	Groupe	Permissions
🕒 Récents	▶ client	4 éléments	Dossier	Moi	fuchs	drwxr-xr-x
🏠 Dossier personnel	add-user.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x
📁 Documents	appclient.sh	4,5 ko	Application	Moi	fuchs	-rwxr-xr-x
📷 Images	domain.sh	11,2 ko	Application	Moi	fuchs	-rwxr-xr-x
🎵 Musique	elytron-tool.sh	1,8 ko	Application	Moi	fuchs	-rwxr-xr-x
⬇️ Téléchargements	jboss-cli.sh	2,5 ko	Application	Moi	fuchs	-rwxr-xr-x
📺 Vidéos	jconsole.sh	2,1 ko	Application	Moi	fuchs	-rwxr-xr-x
🗑️ Corbeille	jdr.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x
📁 KINGSTON	standalone.sh	12,1 ko	Application	Moi	fuchs	-rwxr-xr-x
📁 Lexar	vault.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x
📁 /	wsconsume.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x
+ Autres emplacements	wsprovide.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x
	add-user.bat	2,2 ko	Texte	Moi	fuchs	-rw-r--r--
	add-user.properties	2,4 ko	Texte	Moi	fuchs	-rw-r--r--
	add-user.ps1	1,1 ko	Texte	Moi	fuchs	-rw-r--r--
	appclient.bat	3,7 ko	Texte	Moi	fuchs	-rw-r--r--
	appclient.conf	1,8 ko	Texte	Moi	fuchs	-rw-r--r--
	appclient.conf.bat	2,5 ko	Texte	Moi	fuchs	-rw-r--r--
	appclient.conf.ps1	2,5 ko	Texte	Moi	fuchs	-rw-r--r--
	appclient.ps1	1,2 ko	Texte	Moi	fuchs	-rw-r--r--
	common.ps1	9,2 ko	Texte	Moi	fuchs	-rw-r--r--
	domain.bat	6,1 ko	Texte	Moi	fuchs	-rw-r--r--
	domain.conf	2,7 ko	Texte	Moi	fuchs	-rw-r--r--
	domain.conf.bat	3,3 ko	Texte	Moi	fuchs	-rw-r--r--
	domain.conf.ps1	2,9 ko	Texte	Moi	fuchs	-rw-r--r--
	domain.ps1	3,1 ko	Texte	Moi	fuchs	-rw-r--r--
	elytron-tool.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--
	elytron-tool.ps1	1,0 ko	Texte	Moi	fuchs	-rw-r--r--
	jboss-cli.bat	3,0 ko	Texte	Moi	fuchs	-rw-r--r--
	jboss-cli.ps1	861 octets	Texte	Moi	fuchs	-rw-r--r--
	jboss-cli.xml	1,9 ko	Balisage	Moi	fuchs	-rw-r--r--
	jboss-cli-logging.properties	1,9 ko	Texte	Moi	fuchs	-rw-r--r--
	jconsole.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--

# Wildfly directory



Dossier personnel Téléchargements wildfly-11.0.0.Final bin							
	Nom	Taille	Type	Propriétaire	Groupe	Permissions	
🕒 Récents	domain.sh	11,2 ko	Application	Moi	fuchs	-rwxr-xr-x	
🏠 Dossier personnel	elytron-tool.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--	
📁 Documents	elytron-tool.ps1	1,0 ko	Texte	Moi	fuchs	-rw-r--r--	
📷 Images	elytron-tool.sh	1,8 ko	Application	Moi	fuchs	-rwxr-xr-x	
🎵 Musique	jboss-cli.bat	3,0 ko	Texte	Moi	fuchs	-rw-r--r--	
⬇️ Téléchargements	jboss-cli.ps1	861 octets	Texte	Moi	fuchs	-rw-r--r--	
📺 Vidéos	jboss-cli.sh	2,5 ko	Application	Moi	fuchs	-rwxr-xr-x	
🗑️ Corbeille	jboss-cli.xml	1,9 ko	Balisage	Moi	fuchs	-rw-r--r--	
	jboss-cli-logging.properties	1,9 ko	Texte	Moi	fuchs	-rw-r--r--	
	jconsole.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--	
📁 KINGSTON	jconsole.ps1	863 octets	Texte	Moi	fuchs	-rw-r--r--	
📁 Lexar	jconsole.sh	2,1 ko	Application	Moi	fuchs	-rwxr-xr-x	
	jdr.bat	1,9 ko	Texte	Moi	fuchs	-rw-r--r--	
	jdr.ps1	693 octets	Texte	Moi	fuchs	-rw-r--r--	
	jdr.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x	
📁 /	launcher.jar	41,8 ko	Archive	Moi	fuchs	-rw-r--r--	
+ Autres emplacements	product.conf	57 octets	Texte	Moi	fuchs	-rw-r--r--	
	standalone.bat	8,5 ko	Texte	Moi	fuchs	-rw-r--r--	
	standalone.conf	2,6 ko	Texte	Moi	fuchs	-rw-r--r--	
	standalone.conf.bat	3,0 ko	Texte	Moi	fuchs	-rw-r--r--	
	standalone.conf.ps1	2,8 ko	Texte	Moi	fuchs	-rw-r--r--	
	standalone.ps1	1,6 ko	Texte	Moi	fuchs	-rw-r--r--	
	standalone.sh	12,1 ko	Application	Moi	fuchs	-rwxr-xr-x	
	vault.bat	2,0 ko	Texte	Moi	fuchs	-rw-r--r--	
	vault.ps1	709 octets	Texte	Moi	fuchs	-rw-r--r--	
	vault.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x	
	wildfly-elytron-tool.jar	2,3 Mo	Archive	Moi	fuchs	-rw-r--r--	
	wsconsume.bat	1,6 ko	Texte	Moi	fuchs	-rw-r--r--	
	wsconsume.ps1	784 octets	Texte	Moi	fuchs	-rw-r--r--	
	wsconsume.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x	
	wsprovide.bat	1,5 ko	Texte	Moi	fuchs	-rw-r--r--	
	wsprovide.ps1	787 octets	Texte	Moi	fuchs	-rw-r--r--	
	wsprovide.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x	

# Wildfly directory



Dossier personnel Téléchargements wildfly-11.0.0.Final bin						
	Nom	Taille	Type	Propriétaire	Groupe	Permissions
🔍 Récents	domain.sh	11,2 ko	Application	Moi	fuchs	-rwxr-xr-x
🏠 Dossier personnel	elytron-tool.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--
📁 Documents	elytron-tool.ps1	1,0 ko	Texte	Moi	fuchs	-rw-r--r--
📷 Images	elytron-tool.sh	1,8 ko	Application	Moi	fuchs	-rwxr-xr-x
🎵 Musique	jboss-cli.bat	3,0 ko	Texte	Moi	fuchs	-rw-r--r--
⬇️ Téléchargements	jboss-cli.ps1	861 octets	Texte	Moi	fuchs	-rw-r--r--
📺 Vidéos	jboss-cli.sh	2,5 ko	Application	Moi	fuchs	-rwxr-xr-x
🗑️ Corbeille	jboss-cli.xml	1,9 ko	Balisage	Moi	fuchs	-rw-r--r--
📁 KINGSTON	jboss-cli-logging.properties	1,9 ko	Texte	Moi	fuchs	-rw-r--r--
📁 Lexar	jconsole.bat	1,7 ko	Texte	Moi	fuchs	-rw-r--r--
📁 /	jconsole.ps1	863 octets	Texte	Moi	fuchs	-rw-r--r--
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	jdr.bat	1,9 ko	Texte	Moi	fuchs	-rw-r--r--
	jdr.ps1	693 octets	Texte	Moi	fuchs	-rw-r--r--
	jdr.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x
	launcher.jar	41,8 ko	Archive	Moi	fuchs	-rw-r--r--
	product.conf	57 octets	Texte	Moi	fuchs	-rw-r--r--
	standalone.bat	8,5 ko	Texte	Moi	fuchs	-rw-r--r--
	standalone.conf	2,6 ko	Texte	Moi	fuchs	-rw-r--r--
	standalone.conf.bat	3,0 ko	Texte	Moi	fuchs	-rw-r--r--
	standalone.conf.ps1	2,8 ko	Texte	Moi	fuchs	-rw-r--r--
	standalone.ps1	1,6 ko	Texte	Moi	fuchs	-rw-r--r--
	standalone.sh	12,1 ko	Application	Moi	fuchs	-rwxr-xr-x
	vault.bat	2,0 ko	Texte	Moi	fuchs	-rw-r--r--
	vault.ps1	709 octets	Texte	Moi	fuchs	-rw-r--r--
	vault.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x
	wildfly-elytron-tool.jar	2,3 Mo	Archive	Moi	fuchs	-rw-r--r--
	wsconsume.bat	1,6 ko	Texte	Moi	fuchs	-rw-r--r--
	wsconsume.ps1	784 octets	Texte	Moi	fuchs	-rw-r--r--
	wsconsume.sh	2,2 ko	Application	Moi	fuchs	-rwxr-xr-x
	wsprovide.bat	1,5 ko	Texte	Moi	fuchs	-rw-r--r--
	wsprovide.ps1	787 octets	Texte	Moi	fuchs	-rw-r--r--
	wsprovide.sh	2,0 ko	Application	Moi	fuchs	-rwxr-xr-x



# WildFly Start



```
fuchs@fuchs-Latitude-E6530: ~/Téléchargements/wildfly-11.0.0.Final/bin
Fichier  Édition  Affichage  Rechercher  Terminal  Aide

fuchs@fuchs-Latitude-E6530:~/Téléchargements/wildfly-11.0.0.Final/bin$ sudo ./standalone.sh
```

# WildFly Start



```
fuchs@fuchs-Latitude-E6530: ~/Téléchargements/wildFly-11.0.0.Final/bin

Fichier  Édition  Affichage  Rechercher  Terminal  Aide

fuchs@fuchs-Latitude-E6530:~/Téléchargements/wildFly-11.0.0.Final/bin$ sudo ./standalone.sh
=====
JBoss Bootstrap Environment

JBOSS_HOME: /home/fuchs/Téléchargements/wildfly-11.0.0.Final

JAVA: java

JAVA_OPTS: -server -Xms64m -Xmx512m -XX:MetaspaceSize=96M -XX:MaxMetaspaceSize=256m -Djava.net.preferIPv4Stack=true -Djboss.modules.system.pkgs=org.jboss.byteman -Djava.awt.headless=true
=====

21:30:26,961 INFO [org.jboss.modules] (main) JBoss Modules version 1.6.1.Final
21:30:27,769 INFO [org.jboss.msc] (main) JBoss MSC version 1.2.7.SP1
21:30:28,054 INFO [org.jboss.as] (MSC service thread 1-8) WFLYSRV0049: WildFly Full 11.0.0.Final (WildFly Core 3.0.8.Final) starting
21:30:32,062 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/core-service=management/management-interface=http-interface' is deprecated, and may be removed in future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
21:30:32,137 INFO [org.wildfly.security] (ServerService Thread Pool -- 19) ELY00001: WildFly Elytron version 1.1.6.Final
21:30:32,184 INFO [org.jboss.as.controller.management-deprecated] (ServerService Thread Pool -- 29) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/subsystem=undertow/server=default-server/https-listener=https' is deprecated, and may be removed in future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
21:30:32,507 INFO [org.jboss.as.server] (Controller Boot Thread) WFLYSRV0039: Creating http management service using socket-binding (management-http)
21:30:32,562 INFO [org.xnio] (MSC service thread 1-3) XNIO version 3.5.4.Final
21:30:32,588 INFO [org.xnio.nio] (MSC service thread 1-3) XNIO NIO Implementation Version 3.5.4.Final
21:30:32,734 INFO [org.jboss.remoting] (MSC service thread 1-6) JBoss Remoting version 5.0.5.Final
21:30:32,759 INFO [org.jboss.as.clustering.infinispan] (ServerService Thread Pool -- 42) WFLYCLINF0001: Activating Infinispan subsystem.
21:30:32,787 INFO [org.jboss.as.naming] (ServerService Thread Pool -- 50) WFLYNAM0001: Activating Naming Subsystem
21:30:32,835 INFO [org.jboss.as.security] (ServerService Thread Pool -- 57) WFLYSEC0002: Activating Security Subsystem
21:30:32,781 INFO [org.jboss.as.jsf] (ServerService Thread Pool -- 48) WFLYJSF0007: Activated the following JSF Implementations: [main]
21:30:32,814 WARN [org.jboss.as.txn] (ServerService Thread Pool -- 58) WFLYTX0013: The node-identifier attribute on the /subsystem=transactions is set to the default value. This is a danger for environments running multiple servers. Please make sure the attribute value is unique.
21:30:32,867 INFO [org.jboss.as.jaxrs] (ServerService Thread Pool -- 43) WFLYRS0016: RESTEasy version 3.0.24.Final
21:30:32,959 INFO [org.jboss.as.webservices] (ServerService Thread Pool -- 60) WFLYWS0002: Activating WebServices Extension
21:30:33,046 INFO [org.jboss.as.security] (MSC service thread 1-2) WFLYSEC0001: Current PicketBox version=5.0.2.Final
21:30:33,219 INFO [org.wildfly.extension.io] (ServerService Thread Pool -- 41) WFLYIO0001: Worker 'default' has auto-configured to 8 core threads with 64 task threads based on your 4 available processors
21:30:33,220 INFO [org.jboss.as.connector] (MSC service thread 1-4) WFLYJCA0009: Starting JCA Subsystem (WildFly/IronJacamar 1.4.6.Final)
21:30:33,314 INFO [org.jboss.as.naming] (MSC service thread 1-5) WFLYNAM0003: Starting Naming Service
21:30:33,318 INFO [org.jboss.as.connector.subsystems.datasources] (ServerService Thread Pool -- 36) WFLYJCA0004: Deploying JDBC-compliant driver class org.h2.Driver (version 1.4)
21:30:33,320 INFO [org.wildfly.extension.undertow] (MSC service thread 1-8) WFLYUT0003: Undertow 1.4.18.Final starting
21:30:33,383 INFO [org.jboss.as.mail.extension] (MSC service thread 1-6) WFLYMAIL0001: Bound mail session [java:jboss/mail/Default]
21:30:33,478 INFO [org.jboss.as.connector.deployers.jdbc] (MSC service thread 1-8) WFLYJCA0018: Started Driver service with driver-name = h2
21:30:34,660 INFO [org.wildfly.extension.undertow] (ServerService Thread Pool -- 59) WFLYUT0014: Creating file handler for path '/home/fuchs/Téléchargements/wildfly-11.0.0.Final/welcome-content' with options [directory-listing: 'false', follow-symlink: 'false', case-sensitive: 'true', safe-symlink-paths: '[]']
21:30:34,683 INFO [org.jboss.as.ejbb3] (MSC service thread 1-7) WFLYEJB0482: Strict pool mdb-strict-max-pool is using a max instance size of 16 (per class), which is derived from the number of CPUs on this host.
21:30:34,683 INFO [org.jboss.as.ejbb3] (MSC service thread 1-4) WFLYEJB0481: Strict pool slsb-strict-max-pool is using a max instance size of 64 (per class), which is derived from thread worker pool sizing
21:30:34,704 INFO [org.wildfly.extension.undertow] (MSC service thread 1-1) WFLYUT0012: Started server default-server.
21:30:34,716 INFO [org.wildfly.extension.undertow] (MSC service thread 1-1) WFLYUT0018: Host default-host starting
21:30:35,075 INFO [org.wildfly.extension.undertow] (MSC service thread 1-8) WFLYUT0006: Undertow HTTP listener default listening on 127.0.0.1:8080
21:30:35,146 INFO [org.jboss.as.ejbb3] (MSC service thread 1-4) WFLYEJB0493: EJB subsystem suspension complete
21:30:35,569 INFO [org.jboss.as.connector.subsystems.datasources] (MSC service thread 1-2) WFLYJCA0001: Bound data source [java:jboss/datasources/ExampleDS]
21:30:36,051 INFO [org.jboss.as.patching] (MSC service thread 1-5) WFLYPAT0050: WildFly Full cumulative patch ID is: base, one-off patches include: none
21:30:36,277 INFO [org.jboss.as.server.deployment.scanner] (MSC service thread 1-2) WFLYDS0013: Started FileSystemDeploymentService for directory /home/fuchs/Téléchargements/wildfly-11.0.0.Final/standalone/deployments
21:30:36,832 INFO [org.wildfly.extension.undertow] (MSC service thread 1-7) WFLYUT0006: Undertow HTTPS listener https listening on 127.0.0.1:8443
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