

JBoss

JBoss

- Implementa:
 - EJB (Enterprise Java Beans)
 - JMS (Java Message Service)
 - JTS / JTA (Java Transaction Service/API)
 - Servlets e JSP
 - JNDI (Java Naming and Directory Interface)
 - Clusterização
 - JMX
 - Web Services
 - IIOP

JBoss

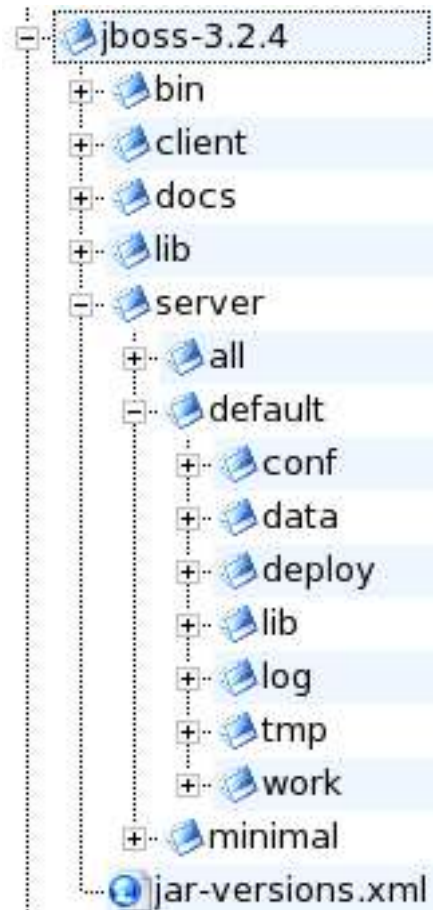


Fig. 1: Estrutura de diretório

Directory	Description
<code>bin</code>	Scripts to start and shut down JBoss.
<code>client</code>	Client-side Java libraries (JARs) required to communicate with JBoss.
<code>docs</code>	Sample configuration files (for database configuration, etc.)
<code>docs/dtd</code>	DTDs (Document Type Definitions) for the various XML files used in JBoss.
<code>lib</code>	JARs loaded at startup by JBoss and shared by all JBoss configurations. (You won't put your own libraries here.)
<code>server</code>	Various JBoss configurations. (Each configuration must be in a different sub-directory. The name of the sub-directory represents the name of the configuration. As distributed, JBoss contains three configurations: <code>minimal</code> , <code>default</code> , and <code>all</code> .)
<code>server/all</code>	JBoss's complete configuration; starts all services, including clustering and IIOP.
<code>server/minimal</code>	JBoss's minimal configuration; starts only very basic services; cannot be used to deploy EJBs.
<code>server/default</code>	JBoss's default configuration; used when no configuration name is specified on JBoss command line.
<code>server/default/conf</code>	JBoss's configuration files. (You will learn more about the content of this directory in the next section.)
<code>server/default/data</code>	JBoss's database files (embedded database or JBossMQ, for example).
<code>server/default/deploy</code>	JBoss's hot-deployment directory. (Any file or directory dropped in this directory is automatically deployed in JBoss: EJBs, WARs, EARs, and even services.)
<code>server/default/lib</code>	JARs that JBoss loads at startup when starting this particular configuration. (The <code>all</code> and <code>minimal</code> configurations also have this directory and the next two.)
<code>server/default/log</code>	JBoss's log files.
<code>server/default/tmp</code>	JBoss's temporary files.

JBoss

Table 2: JBoss configuration files

File	Description
<i>jacorb.properties</i>	JBoss IIOP configuration
<i>jbossmq-state.xml</i>	JBossMQ (JMS implementation) user configuration
<i>jboss-service.xml</i>	Definition of JBoss's services launched at startup (class loaders, JNDI, deployers, etc.)
<i>log4j.xml</i>	Log4J logging configuration
<i>login-config.xml</i>	JBoss security configuration (JBossSX)
<i>standardjaws.xml</i>	Default configuration for JBoss's legacy CMP 1.1 engine; contains JDBC-to-SQL mapping information for various databases, default CMP settings, logging configuration, etc.
<i>standardjboss.xml</i>	Default container configuration
<i>standardjbosscmp-jdbc.xml</i>	Same as <i>standardjaws.xml</i> except that it is used for JBoss's CMP 2.0 engine.

JBoss

- Disponibilização (Deployment)
 - Copiar o(s) arquivo(s) para o diretório:
`..../jboss-3.2.4/server/default/deploy`
 - Tipos de arquivo:
 - jar (Java Application aRquive)
 - war (Web Application aRquive)
 - ear (Enterprise Application aRquive)
 - xml

JBoss

- Arquitetura

Figure 2: JBoss server spine with some hot-deployed services

