

EmbeddedJava Application Environment Specification

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EmbeddedJava Application Environment Specification

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EmbeddedJava Application Environment Specification

Introduction

The EmbeddedJava™ Application Environment (EJAE) is a Java application environment that executes software written in the Java programming language. The EJAE addresses the software needs of dedicated-purpose embedded devices. This document describes the facilities that the EJAE provides to Java applications.

Definitions

The following definitions describe the degree of API support provided by the EJAE.

Configurable

The package is supported by the EJAE. Any class, method or field in the package that is unnecessary for a target device may be omitted from an EJAE implementation.

Unsupported

The package is not supported by the EJAE. None of the classes, methods or fields in the package may present in an implementation of the EJAE.

Requirements

An implementation of the EJAE includes the following:

- Full support for the Java programming language as defined in **The Java Language Specification**.
- Full support for the Java virtual machine as defined in **The Java Virtual Machine Specification** with the following exception. Class loading and verification semantics are **optional** as a group. An implementation that supports one must support both of these features.
- The EJAEE API is derived from the **JDK 1.1.7 API** based on the table below.

EJAEE API

The table below describes the EJAEE API by listing the packages available in the JDK 1.1.7 API and indicating how the EJAEE supports each package.

Package	Support Level
<code>java.applet</code>	unsupported
<code>java.awt</code>	configurable
<code>java.awt.datatransfer</code>	configurable
<code>java.awt.event</code>	configurable
<code>java.awt.image</code>	configurable
<code>java.awt.peer</code>	configurable
<code>java.beans</code>	configurable
<code>java.io</code>	configurable
<code>java.lang</code>	configurable
<code>java.lang.reflect</code>	configurable
<code>java.math</code>	configurable
<code>java.net</code>	configurable
<code>java.rmi</code>	configurable
<code>java.rmi.dgc</code>	configurable
<code>java.rmi.registry</code>	configurable
<code>java.rmi.server</code>	configurable
<code>java.security</code>	configurable
<code>java.security.acl</code>	configurable
<code>java.security.interfaces</code>	configurable
<code>java.sql</code>	configurable
<code>java.text</code>	configurable
<code>java.text.resources</code>	configurable
<code>java.util</code>	configurable
<code>java.util.zip</code>	configurable