JAD

This article needs to be updated: If you found this article useful, please fix the problems below then delete the {{ArticleNeedsUpdate}} template from the article to remove this warning.

Reasons: hamishwillee (27 Mar 2013)
This article should be merged with articles containing similar material: **JAD**, JAR, Java Application Descriptor (JAD) essentials, MIDlet JAR Manifest essentials

Java Application Descriptor (JAD) is a text file that describes a MIDlet or a suite of them, distributed as a JAR file. The file has a .jad extension and the name is selected by the developer.

This file is useful for the operating system of the mobile phone to detect requirements, names, icons of the application or game to be installed, before download or installing it.

The syntax of the file is:

```
Key: Value
Key2: Value2
```

There are a number of mandatory attributes, which need to be in the JAD file (or then in the Manifest file inside the JAR file), but you can also insert your own attributes in the JAD file, to convey information for your MIDlet (like server to connect to, etc.). The only restriction for those attributes is that the keys (attribute names) cannot start with "MIDlet" or "MicroEdition".

Warning: MIDlet attributes must be the same in both JAR manifest and the JAD! Otherwise the application will not work after being signed.
For more information on signing and Java verfied see this FAQ. In particular topics "Signing Java ME applications" and "Why doesn't my signed midlet work?"

Mandatory Information

- MIDlet-1: defines the class name of the main MIDlet in the JAR.
- MIDlet-Jar-Size: defines the size (in bytes) of the JAR file to install.
- MIDlet-Jar-URL: defines the name and URL of the JAR file. It can be just the name of the JAR if it's located in the same place, or a full URL (like http://domain.com/jarfile.jar)
- MIDlet-Name: defines the name of the suite that appears on the phone main menu
- MIDlet-Vendor: defines the company who develops the application
- MIDlet-Version: defines the version number of the application
- MicroEdition-Configuration: defines the configuration, like CLDC-1.1
- MicroEdition-Profile: defines the profile used, like MIDP-2.0

Additional Information

```
*MIDlet-Certificate: If the application is signed, the details are provided
*MIDlet-Jar-RSA : If the application is signed, the details are provided
*MIDlet-LOG-PATH : This is a user defined sample entry, just to provide the filesystem
path, so that you don't need to hardcode it anywhere in the source
```

Links

- Generate JAD from JAR file
- List of Jad & manifest entries/attributes
- Online JAD-checker

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