



Some phones won't be able to download *jar* files above some size from the internet unless a JAD file is used to get information about the *jar* file first.

To create a *jad* file from *jar* file:

1. Extract the *jar* file.  
If you don't know about a program to extract it, you can always rename it to *zip* and then extract it.
2. Locate the **META-INF/MANIFEST.MF** file and copy it to where the *jar* file is located.
3. Rename the copied **MANIFEST.MF** to the same name as the *jar* file but with *.jad* extension.
4. Open the copied file in text editor and edit the file as follows:
  1. Delete the lines, if they exist, that begin with:
    1. **MIDlet-Jar-URL:**
    2. **MIDlet-Jar-Size:**
  2. Add the following lines:
    1. **MIDlet-Jar-URL:** followed by a space character and the full *jar* filename.
    2. **MIDlet-Jar-Size:** followed by a space character and size (in bytes) of the *jar* file.
  3. Make sure the following lines exist, if they're not add each of them followed by space and its corresponding value:
    1. **MIDlet-Name:**
    2. **MIDlet-Version:**
    3. **MIDlet-Vendor:**
  4. Fix the following lines:
    1. It can cause problems if you have a non numeric text in the **MIDlet-Version:** line (. (dot) is permitted), if it's so you can just remove the non-numeric characters from the version value.
    2. Sometimes line's value will wrap to the next line. You should fix this, so that the whole value of that line will be on the same line. Happens a lot on **MIDlet-1:** (or 2,3.. instead of 1) lines.
    3. To place the Java application into the Games folder by default you can add or edit if it exists the following line:  
**Nokia-MIDlet-Category: Game**  
More info here: [How to install an application on the Game phone's menu](#)
5. It is safe to delete all lines that **DO NOT** begin with the following:
  1. **MIDlet-**
  2. **MicroEdition-**
  3. **Nokia-MIDlet-Category**
6. If the application's certificate is causing problems on installation, the lines that begin with the following can be removed:
  1. **MIDlet-Certificate-**
  2. **MIDlet-Jar-RSA-**

## Links

[Online JAD generator](#)