

CADI installation manual

(version beta)

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CADI is programmed using the JAVA language. The used compiler is the SUN JAVA 1.5. Hence, to run the application the Runtime Environment is necessary. CADIViwer can save the recovered image in different image types CADI, so it uses the JAI (Java Advanced Imaging) library. Thus, if you need to manage different image formats apart of raw images you should install it. This software can be freely downloaded from <http://java.sun.com>.

CADI is provided with a single jar file (*dist/CADI.jar*), that contains the following two applications: CADIServer, CADIViwer. To run one of these applications you can use the following command: *java-classpath dist/CADIServer.java* and *java-classpath dist/CADIViwer.java* applications. In a GNU/Linux environment you can also use the shell scripts *CADIServer*, *CADIViwer*, ... situated at the root of the CADI directory.

To install CADI as a system program you can follow the following steps:

1. Decompress the CADI distribution and locate the *CADIServer.jar* and *CADIViwer.jar* files in some directory, for example in */usr/local/CADI/CADIServer.jar* and */usr/local/CADI/CADIViwer.jar*.
2. Create the following shell script (for windows environments you can create a bat file):

```
#!/bin/sh
java -classpath /usr/local/CADI/CADIServer.jar CADI.CADIServer $@
```

Rename this file and call it *CADIServer*.

3. Create another shell script (or bat file) for the client called *CADIViwer*.
4. Put both shell scripts in some directory included in your execution PATH variable.
5. To execute the server or the client run *CADIServer* or *CADIViwer* from your shell.