TER installation manual

(version 2.0 beta)

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http://www.gici.uab.es - http://www.gici.uab.es/TER

http://sourceforge.net/projects/ter

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TER 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. Except for raw and pgm format, to load and save the different image types TER 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*.

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

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

1. Decompress the TER distribution and locate the *TERcode.jar*, *TERcode.jar*, and *TERdisplay.jar* files in some directory, for example in */usr/local/TER/TERcode.jar*, */usr/local/TER/TERdecode.jar*, and */usr/local/TER/TERdisplay.jar*.

2. Create the following shell script (for windows environments you can create a bat file):

   ```
   #!/bin/sh
   java -classpath /usr/local/TER/TERcode.jar TER.TERcode $@
   ```

   Rename this file and call it TERcode.

3. Create another shell script (or bat file) for the decoder called *TERdecode*.

4. Create another shell script (or bat file) for the decoder called *TERdisplay*.

5. Put all shell scripts in some directory included in your execution PATH variable.

6. To execute the encoder or decoder run *TERcode*, *TERdecode*, or *TERdisplay* from your shell.