

Modis Reprojection Tool (MRT) 的安装方法

美国NASA网站上提供了 MRT的下载(<http://edcdaac.usgs.gov/datatools.asp>)，并且还提供了安装的文档，我开始的时候下载下来以后也不知道怎么装，看了文档以后才明白：

- 1、首先要明确你的计算机上是否安装有java虚拟机；可以在你的计算机上搜索：java.exe 如果没有的话可以到java的官方网站上去下载 (<http://java.sun.com/>)
- 2、在 DOS 界面下，进入下载的 MRT 文件夹，运行 install 命令,如下图



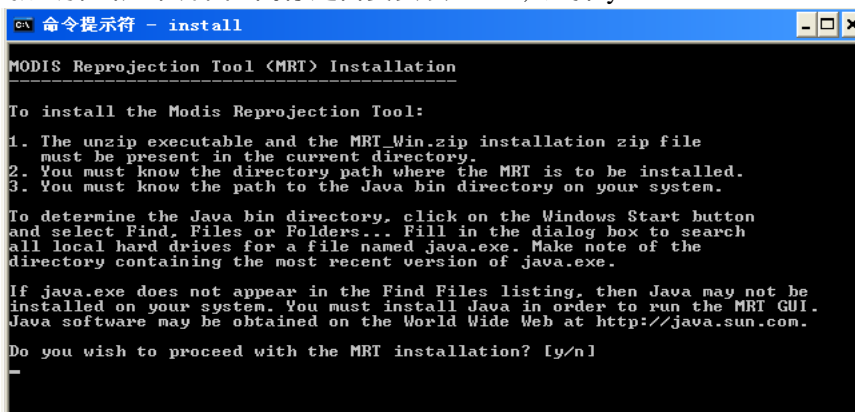
```
命令提示符
D:\MRT>
D:\MRT>dir
驱动器 D 中的卷没有标签。
卷的序列号是 B806-D170

D:\MRT 的目录

2006-01-03  21:03    <DIR>          .
2006-01-03  21:03    <DIR>          ..
2005-12-25  19:44                557 a2.prm
2005-12-20  21:39           577,536 bash.exe
2005-12-20  21:39           107,008 cp.exe
2005-12-20  21:39           971,618 cygwin1.dll
2005-12-20  21:39                95 install.bat
2005-12-20  21:39           10,320 install.win
2005-12-20  21:40           80,896 mkdir.exe
2005-12-20  21:34       23,181,081 MRT_Win.zip
2005-12-20  21:40           6,144 reg_set.exe
2005-12-20  21:40          63,488 tr.exe
2005-12-20  21:36          159,744 unzip.exe
                11 个文件      25,158,487 字节
                2 个目录      9,598,365,696 可用字节

D:\MRT>install
```

- 3、就会弹出如下界面: 问你是否要安装 MRT，选择 y



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命令提示符 - install

MODIS Reprojection Tool (MRT) Installation

To install the Modis Reprojection Tool:

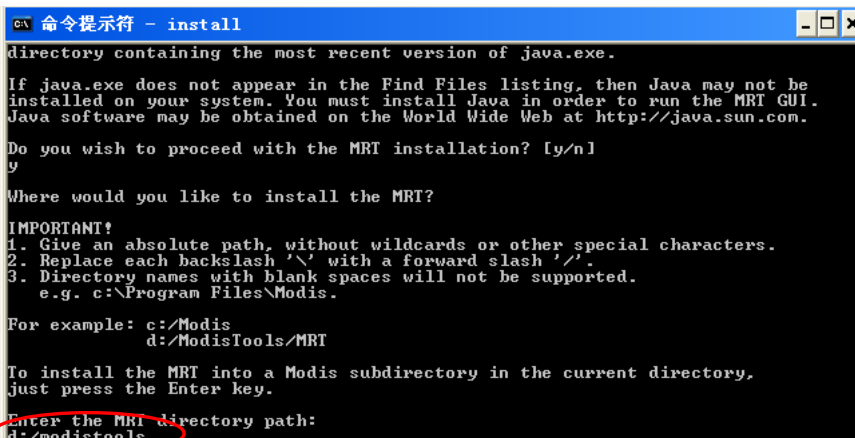
1. The unzip executable and the MRT_Win.zip installation zip file
   must be present in the current directory.
2. You must know the directory path where the MRT is to be installed.
3. You must know the path to the Java bin directory on your system.

To determine the Java bin directory, click on the Windows Start button
and select Find, Files or Folders... Fill in the dialog box to search
all local hard drives for a file named java.exe. Make note of the
directory containing the most recent version of java.exe.

If java.exe does not appear in the Find Files listing, then Java may not be
installed on your system. You must install Java in order to run the MRT GUI.
Java software may be obtained on the World Wide Web at http://java.sun.com.

Do you wish to proceed with the MRT installation? [y/n]
y
```

- 4、下来就会提示你输入安装路径



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命令提示符 - install

directory containing the most recent version of java.exe.

If java.exe does not appear in the Find Files listing, then Java may not be
installed on your system. You must install Java in order to run the MRT GUI.
Java software may be obtained on the World Wide Web at http://java.sun.com.

Do you wish to proceed with the MRT installation? [y/n]
y

Where would you like to install the MRT?

IMPORTANT!
1. Give an absolute path, without wildcards or other special characters.
2. Replace each backslash '\' with a forward slash '/'.
3. Directory names with blank spaces will not be supported.
   e.g. c:\Program Files\Modis.

For example: c:/Modis
              d:/ModisTools/MRT

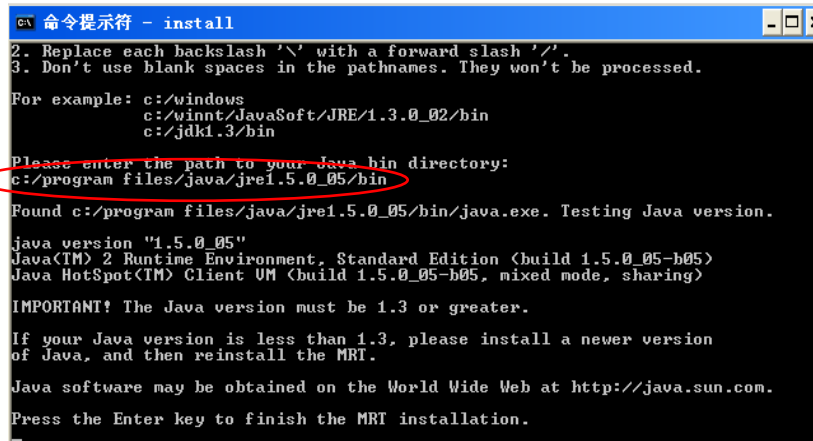
To install the MRT into a Modis subdirectory in the current directory,
just press the Enter key.

Enter the MRT directory path:
d:/modistools
```

一定要注意安装目录的盘符所用的“ / ”而不是“ \ ”, y 回车

5、下来就是选择你计算机所用的操作系统，按照提示选择即可；

6、这一步就是要输入 java 虚拟机执行程序的路径,输入你之前安装好的 java 程序的路径；其中所用到的斜杠和上面所规定的一样：c:/program files/java/jre1.0.5_05/bin



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命令提示符 - install
2. Replace each backslash '\' with a forward slash '/'.
3. Don't use blank spaces in the pathnames. They won't be processed.

For example: c:/windows
              c:/winnt/JavaSoft/JRE/1.3.0_02/bin
              c:/jdk1.3/bin

Please enter the path to your Java bin directory:
c:/program files/java/jre1.5.0_05/bin

Found c:/program files/java/jre1.5.0_05/bin/java.exe. Testing Java version.

java version "1.5.0_05"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_05-b05)
Java HotSpot(TM) Client VM (build 1.5.0_05-b05, mixed mode, sharing)

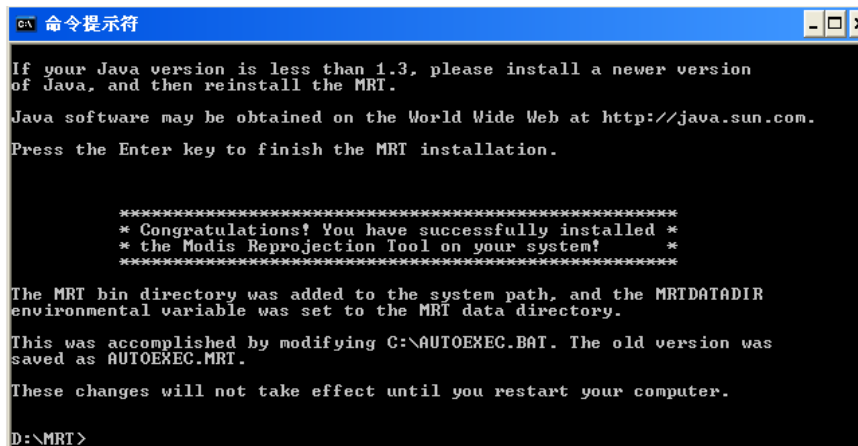
IMPORTANT! The Java version must be 1.3 or greater.

If your Java version is less than 1.3, please install a newer version
of Java, and then reinstall the MRT.

Java software may be obtained on the World Wide Web at http://java.sun.com.

Press the Enter key to finish the MRT installation.
```

7、安装成功



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命令提示符

If your Java version is less than 1.3, please install a newer version
of Java, and then reinstall the MRT.

Java software may be obtained on the World Wide Web at http://java.sun.com.

Press the Enter key to finish the MRT installation.

*****
* Congratulations! You have successfully installed *
* the Modis Reprojection Tool on your system! *
*****

The MRT bin directory was added to the system path, and the MRIDATADIR
environmental variable was set to the MRT data directory.

This was accomplished by modifying C:\AUTOEXEC.BAT. The old version was
saved as AUTOEXEC.MRT.

These changes will not take effect until you restart your computer.

D:\MRT>
```

8、进入安装目录文件夹：D:\modistools\bin 找到运行即可，或者在这个图标上点击右键选择



“发送快捷方式到桌面”，然后再桌面上找到这个快捷方式点击右键选择“属性”：更改图标，找到 D:\modistools\bin\ModisTool.ICO 下面的就完成了 M R T 的全部安装，点击该图标就可以进入操作界面！

