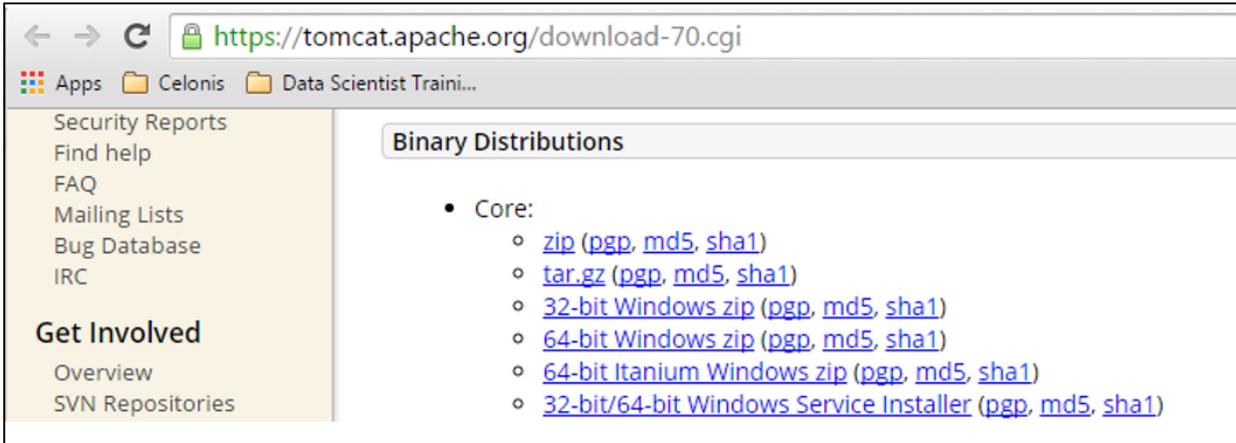
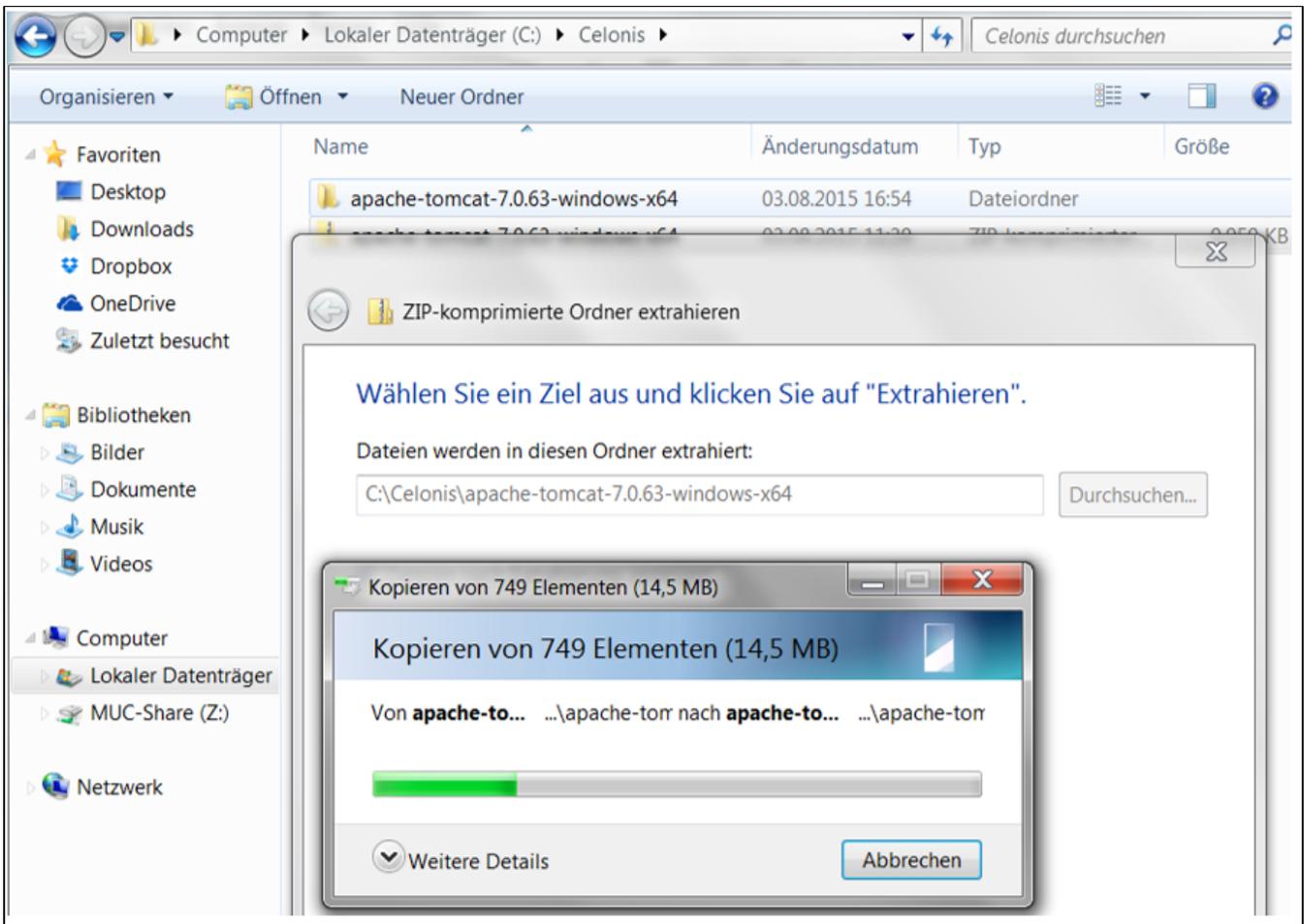


Installation of Apache Tomcat Application Server

Download the Apache Tomcat Windows 64-bit Zip Distribution. (Filename: [64-bit Windows zip](#)). Click here for the [Direct Download](#) (from <https://tomcat.apache.org/download-70.cgi>).

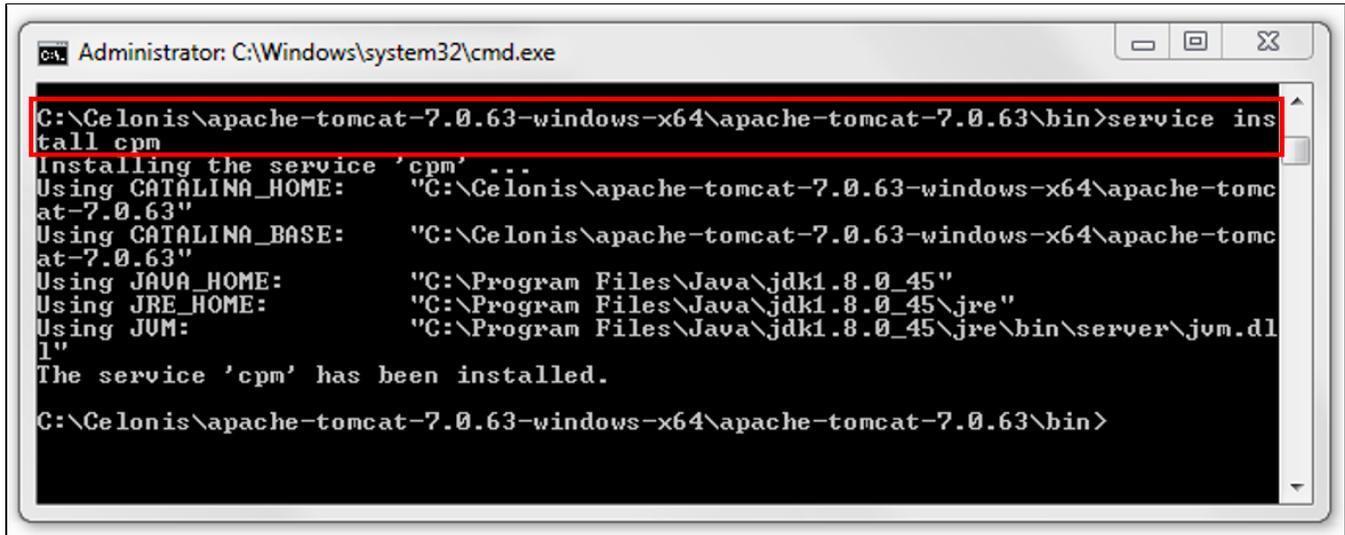


Create a *Celonis* folder on your hard disk and **extract** the distribution into it



Open the command line as *administrator* and **install** the Apache Tomcat application server by navigating to the Tomcat *bin* folder and type in:

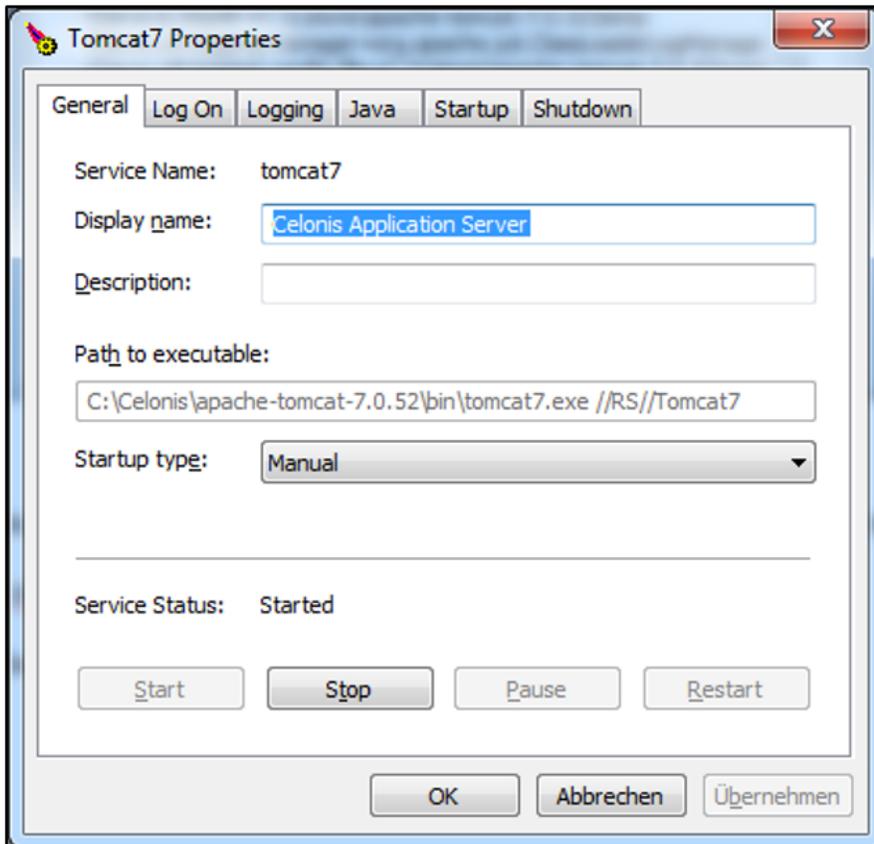
```
service install cpm
```



```
Administrator: C:\Windows\system32\cmd.exe
C:\Celonis\apache-tomcat-7.0.63-windows-x64\apache-tomcat-7.0.63\bin>service install cpm
Installing the service 'cpm' ...
Using CATALINA_HOME:      "C:\Celonis\apache-tomcat-7.0.63-windows-x64\apache-tomcat-7.0.63"
Using CATALINA_BASE:     "C:\Celonis\apache-tomcat-7.0.63-windows-x64\apache-tomcat-7.0.63"
Using JAVA_HOME:         "C:\Program Files\Java\jdk1.8.0_45"
Using JRE_HOME:          "C:\Program Files\Java\jdk1.8.0_45\jre"
Using JUM:                "C:\Program Files\Java\jdk1.8.0_45\jre\bin\server\jum.dll"
The service 'cpm' has been installed.
C:\Celonis\apache-tomcat-7.0.63-windows-x64\apache-tomcat-7.0.63\bin>
```

Open the service configuration by running tomcat7w.exe which has been created in the *bin* folder of the application server installation.

On tab *General*, **provide** a meaningful name to the service like *Celonis Application Server*.



On tab *Java*, **adjust** the memory settings (please note that they should depend on your available RAM). Add the following settings to *Java Options*.

System with RAM < 12 GB:

-XX:MaxPermSize=512m – *not necessary with Java 8*
-XX:MaxDirectMemorySize=2048m

Set the *initial memory pool* to 1024 MB

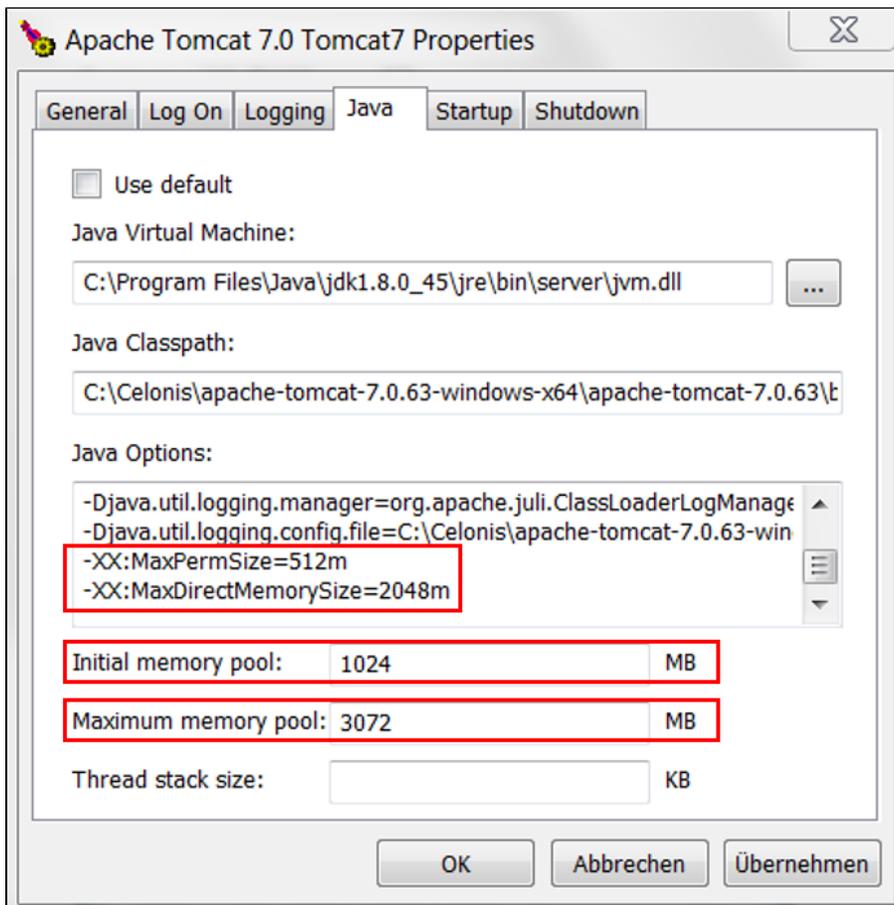
Set the *maximum memory pool* to 3072 MB

System with RAM >= 12 GB:

-XX:MaxPermSize=1024m – *not necessary with Java 8*
-XX:MaxDirectMemorySize=4096m

Set the *initial memory pool* to 1024 MB

Set the *maximum memory pool* to 6144 MB



Start the application server by pressing the *Start* button in tab *General*. Make sure that the server is running by navigating to the URL <http://localhost:8080/> in a web browser.

The screenshot shows a web browser window with the title "Apache Tomcat/7.0.52" and the address bar displaying "localhost:8080". The page features a navigation menu with links for "Home", "Documentation", "Configuration", "Examples", "Wiki", "Mailing Lists", and "Find Help". The main heading is "Apache Tomcat/7.0.52" with the Apache Software Foundation logo and URL "http://www.apache.org/". A green banner reads "If you're seeing this, you've successfully installed Tomcat. Congratulations!". Below this, there is a "Recommended Reading" section with links to "Security Considerations HOW-TO", "Manager Application HOW-TO", and "Clustering/Session Replication HOW-TO", accompanied by a Tomcat logo. To the right are buttons for "Server Status", "Manager App", and "Host Manager". A "Developer Quick Start" section contains links for "Tomcat Setup", "First Web Application", "Realms & AAA", "JDBC Data Sources", "Examples", "Servlet Specifications", and "Tomcat Versions". At the bottom, three yellow boxes provide information on "Managing Tomcat" (including a security warning and file path), "Documentation" (with links to Tomcat 7.0 Documentation, Configuration, and Wiki), and "Getting Help" (with links to FAQ and Mailing Lists, and a list of mailing lists including "tomcat-announce").

The next step is the [Installation of SAP Process Mining by Celonis](#).