

Running Cruise Control as a Windows Service

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There are a number of solutions to get cruise control running as a windows service, but I found it the easiest to download Java Service Wrapper (<http://wrapper.tanukisoftware.org/doc/english/index.html>) and configure one file.

You then need to do the following:

- 1) Extract the file wrapper-windows-x86-32-3.2.0 to a temporary location.
- 2) Copy the conf and bin directory into your cruise control directory eg. C:\cc-sandbox\cruisecontrol-bin-2.4.0.
- 3) Copy the wrapper.jar and wrapper.dll in the lib directory to your cruise control lib directory.
- 4) Edit the wrapper.conf file and configure it with the following example as a guideline:

```
\#*****\*
# TestWrapper Properties
\#
# NOTE - Please use src/conf/wrapper.conf.in as a template for your
# own application rather than the values used for the
# TestWrapper sample.
\#*****\*
# Java Application
wrapper.java.command=java

# Java Main class. This class must implement the WrapperListener interface
# or guarantee that the WrapperManager class is initialized. Helper
# classes are provided to do this for you. See the Integration section
# of the documentation for details.
wrapper.java.mainclass=org.tanukisoftware.wrapper.WrapperSimpleApp

# Java Classpath (include wrapper.jar) Add class path elements as
# needed starting from 1
wrapper.java.classpath.1=C:/cc-sandbox/cruisecontrol-bin-2.4.0/lib/wrappertest.jar
wrapper.java.classpath.2=C:/cc-sandbox/cruisecontrol-bin-2.4.0/lib/wrapper.jar
wrapper.java.classpath.3=C:/cc-sandbox/cruisecontrol-bin-2.4.0/lib/*.jar
wrapper.java.classpath.4=C:/j2sdk1.4.2_08/lib/tools.jar

# Java Library Path (location of Wrapper.DLL or libwrapper.so)
wrapper.java.library.path.1=C:/cc-sandbox/cruisecontrol-bin-2.4.0/lib

# Java Additional Parameters
wrapper.java.additional.1=-cp "%CRUISE_PATH%"

# Initial Java Heap Size (in MB)
wrapper.java.initmemory=128

# Maximum Java Heap Size (in MB)
wrapper.java.maxmemory=256

# Application parameters. Add parameters as needed starting from 1
wrapper.app.parameter.1=CruiseControl
wrapper.app.parameter.2=-configfile ../config.xml

\#*****\*
# Wrapper Logging Properties
\#*****\*
# Format of output for the console. (See docs for formats)
```

```
wrapper.console.format=PM

# Log Level for console output. (See docs for log levels)
wrapper.console.loglevel=INFO

# Log file to use for wrapper output logging.
wrapper.logfile=../logs/wrapper.log

# Format of output for the log file. (See docs for formats)
wrapper.logfile.format=LPTM

# Log Level for log file output. (See docs for log levels)
wrapper.logfile.loglevel=INFO

# Maximum size that the log file will be allowed to grow to before
# the log is rolled. Size is specified in bytes. The default value
# of 0, disables log rolling. May abbreviate with the 'k' (kb) or
# 'm' (mb) suffix. For example: 10m = 10 megabytes.
wrapper.logfile.maxsize=0

# Maximum number of rolled log files which will be allowed before old
# files are deleted. The default value of 0 implies no limit.
wrapper.logfile.maxfiles=0

# Log Level for sys/event log output. (See docs for log levels)
wrapper.syslog.loglevel=NONE

\#*****\#
# Wrapper Windows Properties
\#*****\#
# Title to use when running as a console
wrapper.console.title=Cruise Control 2.4.0

\#*****\#
# Wrapper Windows NT/2000/XP Service Properties
\#*****\#
# WARNING - Do not modify any of these properties when an application
# using this configuration file has been installed as a service.
# Please uninstall the service before modifying this section. The
# service can then be reinstalled.

# Name of the service
wrapper.ntservice.name=cruisecontrol

# Display name of the service
wrapper.ntservice.displayname=Cruise Control Application (2.4.0)
# Description of the service
wrapper.ntservice.description=Cruise Control Description

# Service dependencies. Add dependencies as needed starting from 1
wrapper.ntservice.dependency.1=

# Mode in which the service is installed. AUTO_START or DEMAND_START
wrapper.ntservice.starttype=AUTO_START
```

```
# Allow the service to interact with the desktop.  
wrapper.ntservice.interactive=false
```

- 5) Now run the InstallTestWrapper-NT.bat file. This will install the service.
- 6) Go to the windows services under computer management, and you will see your new cruise control service.
- 7) Set the service to automatic start.

FYI : You might need to hard code all the pathings in your config.xml file.