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.wr
apper.WrapperSimpleApp

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

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