

# Appendix B - Starting Netarchivesuite automatically

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This manual contains the description about how to make the applications start automatically when the operating system is starting.

Currently, when a computer is rebooted, the applications has to be started manually. This describes how to make the operating systems start the applications during startup.

## Linux

Note: This has been tested with Redhat Enterprise Linux 5, so it probably works on Fedora (Core) as well.

Login in as administrator. Create the following script in '/etc/init.d/' (the name of the script will be referred to as `netarkiv`):

```
#!/bin/bash
# chkconfig: 345 80 20
# description: netarkiv
[ -x /home/USERNAME/ENV_NAME/conf/startall.sh ] || exit 0
case $1 in
  start)
    su - netarkiv -c 'ENV_NAME/conf/startall.sh'
    ;;
  stop)
    su - netarkiv -c 'ENV_NAME/conf/killall.sh'
    ;;
  *)
    echo "Usage: $0 { start | stop }"
    exit 1
esac
```

Where `USERNAME` is the name of the user for the installation, and `ENV_NAME` is the environment name for NetarchiveSuite (defined in the configuration file).

The following command has to be run for the `netarkiv` script to be run during start-up and shut-down of Linux:

```
chkconfig --add netarkiv
```

The script can also be run manually, by the commands:

```
service netarkiv stop
service netarkiv start
```

## Windows

This is an example of how to make Windows 2003 Server automatically call a script during start-up. The restart script has to be run, since it might not have closed correctly last time (e.g. power-failure, spontaneous reboot, etc.). This cleans up before the applications are restarted.

Create the service.

- Install Microsoft Resource Kit Windows 2003 Server.

- Run the program `RkTools.exe`, and install with standard settings.
- Open a Command Prompt, and go to the directory where the Resource Kit has been installed (e.g. `C:\Program Files\Windows Resource Kits\Tools`).
- Install a service with the following command `Instsrv <ServiceName> <path to resource kit>\srvany.exe` (e.g. `Instsrv BitApp "C:\Program Files\Windows Resource Kits\Tools\srvany.exe"`).
- Open the registration database with `regedit`, and find the service through the path `HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\<ServiceName>`.
- Make sure that the start value is 2 (starting automatically).
- Create a new 'Key' called `Parameters`.
- In this 'Key' create a new 'String Value' called `Application`, which contains the complete path to the bat-script (e.g. `c:\users\USERNAME\ENV_NAME\conf\restart.bat`).
- Also within the 'Key' create another 'String Value' called `AppDirectory`, which should contain a path to the directory where the bat-script is placed (e.g. `c:\users\USERNAME\ENV_NAME\conf`).

Now the application should automatically start during Windows startup.

