

Setting up MRS Server on a Linux platform

At the time this document is written there is no automatic setup program for the MRS Server for the Linux platform. Here are instructions for manual setup of the server.

Create the following directories:

/usr/infodraw/bin

/usr/infodraw/Data

Place the file MRS_ServerProgram.exe that you have downloaded from the website in the directory:

/usr/infodraw/bin

Place the following file server.sh in the directory: /usr/infodraw/bin

```
#!/bin/sh
```

```
while [ 1 ]; do
    /usr/infodraw/bin/MRS_ServerProgram.exe
    RETCODE=$?
    if [ $RETCODE -eq 2 ]; then
        echo "Server could not start"
        exit $RETCODE
    fi
done
```

Place the following file MRS_Server in the directory /etc/init.d

```
#!/bin/sh
```

```
prog=/usr/infodraw/bin/server.sh
```

```
test -x "$prog" || exit 0
```

```
case "$1" in
    start)
        echo "Starting MRS Server"
        cd /usr/infodraw/bin
        $prog &
        cd -
        ;;
    stop)
        echo "Stopping MRS Server"
        killall MRS_ServerProgram.exe
        ;;
    restart)
        echo "Restarting MRS Server"
        killall MRS_ServerProgram.exe
        sleep 2
        cd /usr/infodraw/bin
```

Setting up MRS Server on a Linux platform, Gadi Bergman, February 17, 2016

```
$prog &
cd -
;;
*)
echo "Usage: /etc/init.d/MRS_Server.sh {start|stop}"
exit 1
esac

exit 0
```

To make the server start automatically when the OS comes up do the following:

Find the run level: `sudo runlevel`

Go to (cd) the automatic scripts directory, for example for run level 2, go to `/etc/rc.2`

Create a symbolic link starting with 'S' to the script above:

```
sudo ln -s ../init.d/MRS_Server S95MRS_Server
```

To start the server manually:

```
sudo /etc/init.d/MRS_Server start
```

To stop the server manually:

```
sudo /etc/init.d/MRS_Server stop
```