## mono.txt Mono(tm) Binary Kernel Support for Linux

To configure Linux to automatically execute Mono-based .NET binaries (in the form of .exe files) without the need to use the mono CLR wrapper, you can use the BINFMT MISC kernel support.

This will allow you to execute Mono-based .NET binaries just like any other program after you have done the following:

1) You MUST FIRST install the Mono CLR support, either by downloading a binary package, a source tarball or by installing from CVS. Binary packages for several distributions can be found at:

http://go-mono.com/download.html

Instructions for compiling Mono can be found at:

http://www.go-mono.com/compiling.html

Once the Mono CLR support has been installed, just check that /usr/bin/mono (which could be located elsewhere, for example /usr/local/bin/mono) is working.

- 2) You have to compile BINFMT\_MISC either as a module or into the kernel (CONFIG\_BINFMT\_MISC) and set it up properly. If you choose to compile it as a module, you will have to insert it manually with modprobe/insmod, as kmod cannot be easily supported with binfmt\_misc. Read the file 'binfmt\_misc. txt' in this directory to know more about the configuration process.
- 3) Add the following entries to /etc/rc.local or similar script to be run at system startup:

4) Check that .exe binaries can be ran without the need of a wrapper script, simply by launching the .exe file directly from a command prompt, for example:

/usr/bin/xsd.exe

NOTE: If this fails with a permission denied error, check that the .exe file has execute permissions.