NAME

nrpe/solaris/build − how to build a Solaris NRPE package from sources here.

NOTE

You don't *need* to do all this. You could also just fetch the prebuild binary package for your Solaris version, and install that one, using *pkgadd* (1).

For your copy-and-paste pleasure

Setting up the files

Download nrpe−1.9.tar.gz and nrpe−1.9_3.diff.gz. nrpe−1.9.tar.gz is the vanilla upstreams source, you might as well get it from upstream.

Unpack the source

```
gunzip -c nrpe-1.9.tar.gz | tar -xf -
```

Now, using a sane *patch* (1), apply the patch, running

```
gunzip -c nrpe-1.9_3.diff.gz | patch -p0
```

. Beware: Solaris patch, as shipped with Solaris 8, does *not* do this trick. A patch which works is e.g. Larry Wall's GNU patch available from ftp://ftp.gnu.org/pub/gnu/patch/ , and, in Solaris pkg format, from http://www.sunfreeware.com/ .

You could also perform this step on a nearby GNU/Linux or *BSD system, which likely has a right *patch* (1) installed.

Optionally: copy patched stuff around

If you need to build the package on a different platform as where you've patched it, pack the patched tarball together doing

```
tar zcf nrpe-1.9.solaris.tar.gz nrpe-1.9
```

. Copy this file around, and unpack it again on the build platform

```
tar zxf nrpe-1.9.solaris.tar.gz
```

.

Building the Solaris package

In the

```
nrpe-1.9/
```

directory, run

```
make -f solaris/Makefile
```

. (Both Solaris make (tested with SunOS 5.7 /usr/ccs/bin/make) and GNU make do fine.) This creates binary packages

```
/var/tmp/nrpe-1.9_3-sol8-sparc-local
```

and, for your convenience

```
/var/tmp/nrpe-1.9_3-sol8-sparc-local.gz
```

. If you're building on a SunOS 5.7 box, do

```
make -f solaris/Makefile OSVERSION=sol7
```

to get a nice OS string in the package name.

Installing the package

On the platform where you'd like to run NRPE, install it doing

```
pkgadd -d nrpe-1.9_3-sol8-sparc-local
```

.

RECREATING THE SOURCE PACKAGE

```
tar zxf nrpe-1.9.tar.gz
mv nrpe-1.9 nrpe-1.9.orig
tar zxf nrpe-1.9.tar.gz
cd nrpe-1.9
mkdir solaris
cp /some/where/{Makefile,README.Solaris,nrpe,pkginfo.in,postinstall,preinstall,prot
make -f solaris/Makefile source-stamp
diff -Pdur nrpe-1.9.orig nrpe-1.9 | gzip -c > nrpe-1.9_3.diff.gz
```

Your *diff*(1) needs to understand the `-P` flag. Solaris *diff*(1) does *not*. GNU diff, from the GNU diffutils package, ftp://ftp.gnu.org/pub/gnu/diffutils/ , does.

VERSION

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AUTHOR

Joost van Baal <joostvb.uvt.nl>