Phoronix Test Suite

Introduction

Wondering if it's time to upgrade your Slackware box? Look no further than the Phoronix Test Suite to benchmark it against other people's systems. Here is a quick guide to get it up and running, we'll use timed kernel compilation as an example because that seems like as good a benchmark as any.

Installing the Software

There already exists a SlackBuild for Phoronix. Download the file phoronix-test-suite.tar.gz, unpack it and build it like this (as root):

```
# wget
https://slackbuilds.org/slackbuilds/14.2/system/phoronix-test-suite.tar.gz
# tar xvf phoronix-test-suite.tar.gz
# cd phoronix-test-suite
# wget
http://www.phoronix-test-suite.com/releases/phoronix-test-suite-7.8.0.tar.gz
# ./phoronix-test-suite.SlackBuild
# installpkg /tmp/phoronix-test-suite-7.8.0-x86_64-1_SBo.tgz
```

Running the tests

Back as a normal user, you can list the available tests with:

```
# phoronix-test-suite list-available-tests
```

The first run of this command will take a little time as it is caching the lists. Subsequent runs will be far quicker. To run the kernel compilation benchmark it's just a matter of passing the 'benchmark' argument and the name of the test:

```
# phoronix-test-suite benchmark pts/build-linux-kernel
```

You will need to accept a license agreement and answer some questions. The test will run three times to get a representative result. At the end of it you will be invited to view the results in your web browser.

Comparing the results

Once it's done you can check some published benchmarks.

Have fun!

Sources

* Originally written by User Bifferos

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