
Subject: Using cmake

Posted by [Ralf Kliemt](#) on Fri, 15 Jun 2007 13:07:34 GMT

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Here is a short note for you how to use the cmake:

A New build:

You starting point are the complete external packages and the source of pandaroot. It should look like this:

```
...fairroot/cbmsoft> ls  
cern configure.sh generators pandaroot SetEnv.sh tools transport
```

Now set the SIMPATH variabele, like:

```
cbmsoft/export SIMPATH=$PWD
```

Make an empty build directory. (name it as you want to)

```
cbmsoft>mkdir cbuild  
cbmsoft>cd cbuild
```

Generate the makefiles. (this replaces the reconf and configure from the automake-based way)

```
cbmsoft/cbuild>cmake ../pandaroot
```

Load the local enviroment.

```
cbmsoft/cbuild> . config.sh
```

Begin compiling:

```
cbmsoft/cbuild>make install
```

Notes:

To run your macros on this build you have to load the cbuild/config.sh

[Edit: Mohammeds suggestion on the simpath added.]