NAME

omakef – Makefile generator

SYNOPSIS

omakef [omakef-options] file [occ2c-options] [env=string]..

DESCRIPTION

Makefile generator for **SPOC (Southampton Portable Occam Compilation)** system. The compiler support tool omakef generates makefiles to allow occam applications to be compiled. The command sequences to issue partial and complete compilations of modules are contained in a textual template file. In principle, the tool simply walks through an occam source tree producing a makefile entry for each item of source that is to be compiled. The tool has been tested with GNU make version 3.68 and the unix make distributed with SunOs version 4.1.3.

COMMAND LINE

file   Name of target file to be produced by the generated makefile. The tool examines the extension of this target file to select the actions required to generate it. Currently supported extensions are:

<no extension> Generate makefile for executable.

.lib Generate makefile for library prototype file.

The filename of the makefile is derived by stripping any extension from *file* and appending the extension .I .mkf , except when options .I -t or .I -c are specified, when either a .I .mkt or .I .mkc are appended.

OMAKEF OPTIONS

−*t*   Generate a makefile containing only rules involving the translation from occam to C.

−*c*   Generate a makefile containing only rules involving the compilation and linking of generated C files.

−*z*   This option switches on debug information from omakef showing which files are referenced by which module.

OCC2C OPTIONS

−*g*   Enables on source-level debugging by propagating the option to all occam-to-C translations and all C compilations.

Any command-line option containing an 'equals' character
         is propagated to the generated makefile between the header definition section and the rules. This allows the default compilation options to be overridden or appended.

Any other option : These are propagated directly to the
         occam-to-C translator.

BUGS