

NAME

ExtUtils::CppGuess – guess C++ compiler and flags

SYNOPSIS

With Extutils::MakeMaker:

```
use ExtUtils::CppGuess;

my $guess = ExtUtils::CppGuess->new;

WriteMakefile
( # MakeMaker args,
  $guess->makemaker_options,
);
```

With Module::Build:

```
my $guess = ExtUtils::CppGuess->new;

my $build = Module::Build->new
( # Module::Build arguments
  $guess->module_build_options,
);
$build->create_build_script;
```

DESCRIPTION

ExtUtils::CppGuess attempts to guess the system's C++ compiler that is compatible with the C compiler that your perl was built with.

It can generate the necessary options to the Module::Build constructor or to ExtUtils::MakeMaker's WriteMakefile function.

METHODS**new**

Creates a new ExtUtils::CppGuess object. Takes the path to the C compiler as the `cc` argument, but falls back to the value of `$Config{cc}`, which should be what you want anyway.

You can specify `extra_compiler_flags` and `extra_linker_flags` (as strings) which will be merged in with the auto-detected ones.

module_build_options

Returns the correct options to the constructor of Module::Build. These are:

```
extra_compiler_flags
extra_linker_flags
```

makemaker_options

Returns the correct options to the WriteMakefile function of ExtUtils::MakeMaker. These are:

```
CCFLAGS
dynamic_lib => { OTHERLDFLAGS => ... }
```

If you specify the extra compiler or linker flags in the constructor, they'll be merged into CCFLAGS or OTHERLDFLAGS respectively.

is_gcc

Returns true if the detected compiler is in the gcc family.

is_msvc

Returns true if the detected compiler is in the MS VC family.

add_extra_compiler_flags

Takes a string as argument that is added to the string of extra compiler flags.

add_extra_linker_flags

Takes a string as argument that is added to the string of extra linker flags.



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