

# General

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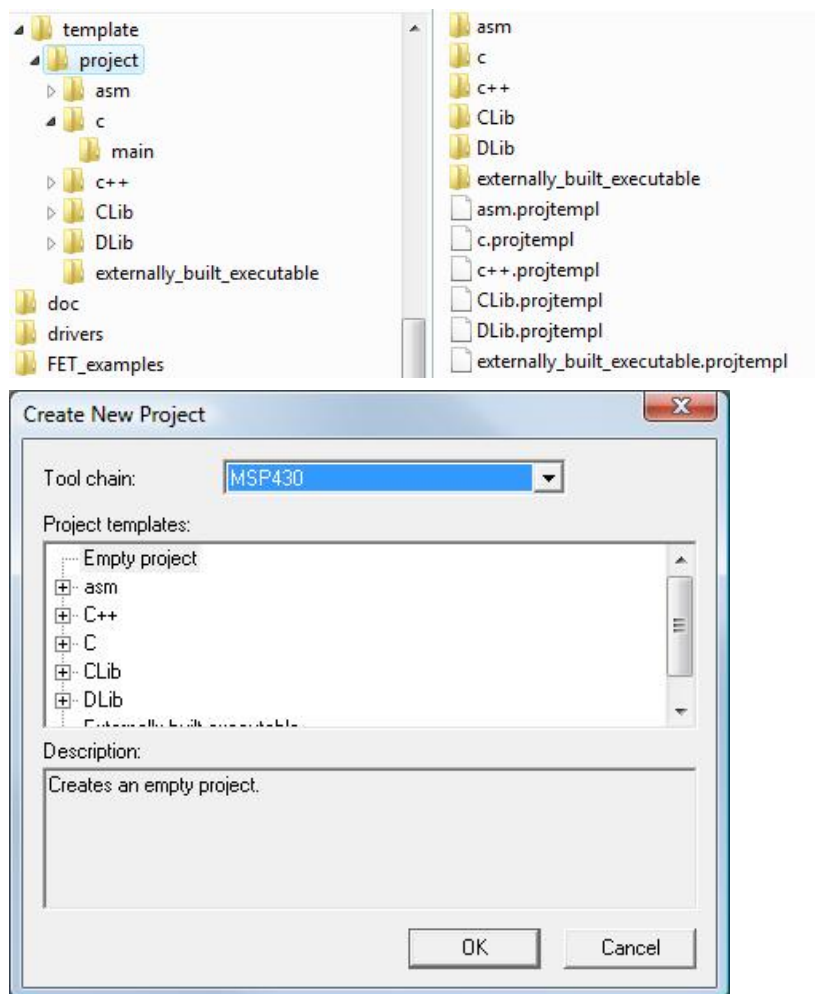
A project template makes it easy to create a project of a predefined type. A project template consists of several XML formatted files which can be organized in groups.

## Directory structure and file description

Project templates must be placed in `$TOOLKIT_DIR$\config\template\project`

## Project template group

A project template group consists of an `.projtempl` project template group description file and the directory containing member templates of this group.



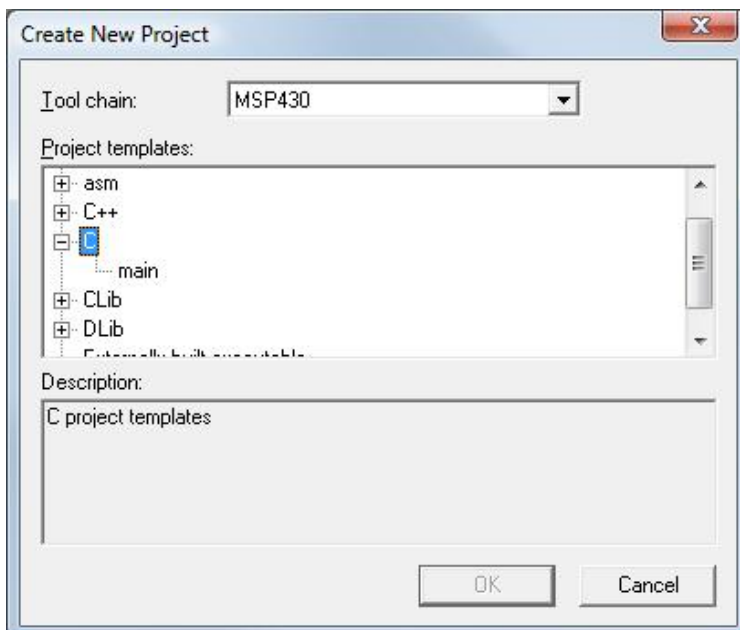
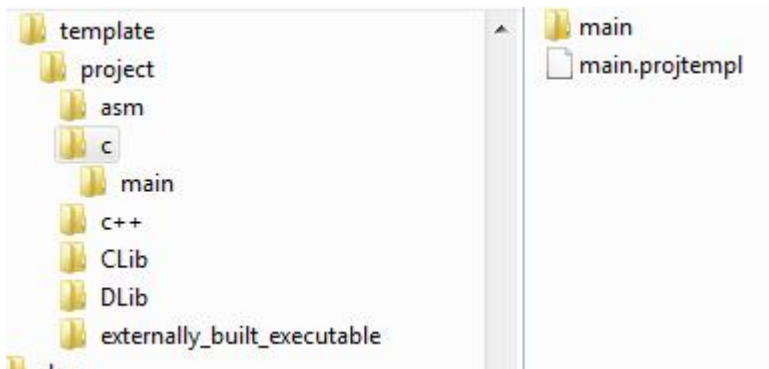
For example:

c directory and c.projtempl

```
<?xml version="1.0" encoding="iso-8859-1"?>
<templategroup>
  <description>C project templates</description>
  <displayname>C</displayname>
</templategroup>
```

## Project template

A project template consists of an .projtempl project template description file and the directory containing project itself.



For example:

main directory and main.projtempl

```
<?xml version="1.0" encoding="iso-8859-1"?>

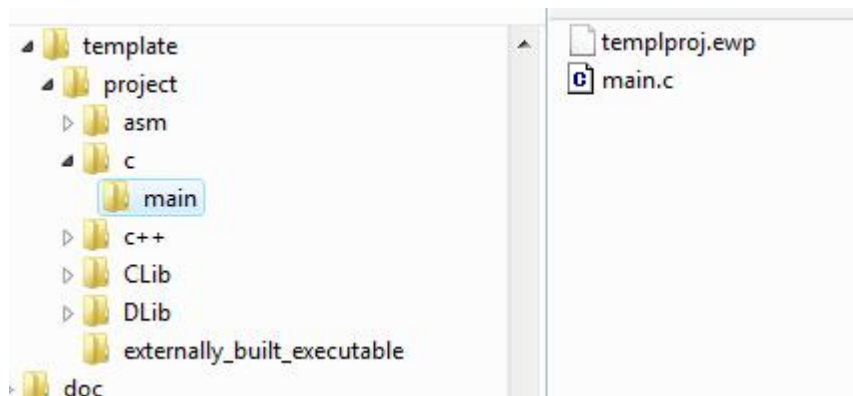
<template>
  <description>C project using default tool settings including an empty
  main.c file.</description>
  <displayname>main</displayname>

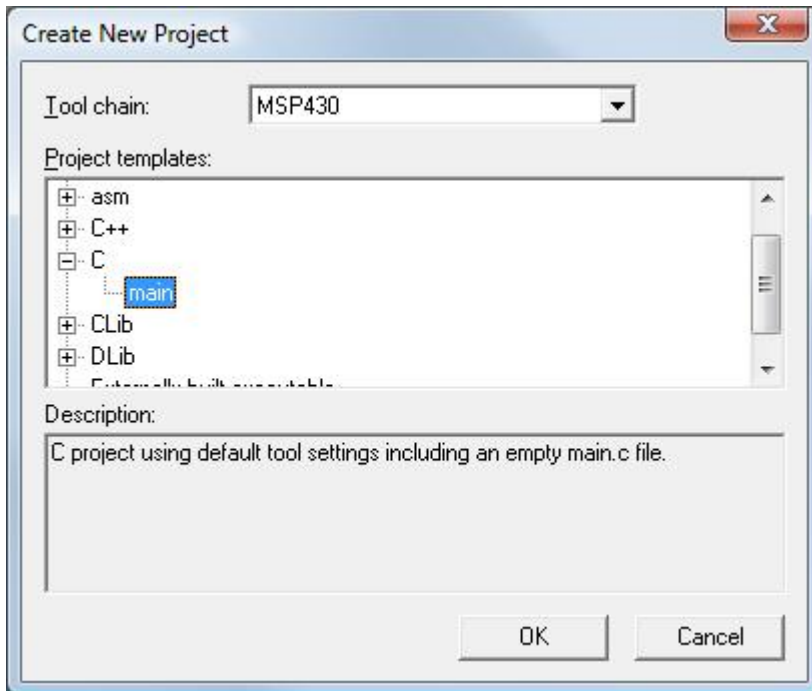
  <files>
    <file>$PROJ_DIR$\main.c</file>
  </files>

</template>
```

## Project template directory

A project template directory contains `templproj.ewp` project file and all other project files.





Example of `templproj.ewp` file:

```
<?xml version="1.0" encoding="iso-8859-1"?>

<template>
  <description>C project using default tool settings including an empty
main.c file.</description>
  <displayname>main</displayname>

  <files>
    <file>$PROJ_DIR$\main.c</file>
  </files>

</template>
```

## How to create project template directory contents

When you create a project from a template the whole contents of a project template directory is copied to a `$PROJ_DIR$` destination. To make your project created from template complete and lean do as follows:

1. Create a complete project you want to make template for at some temporary location and make sure it works
2. Copy all files that are not created by the workbench to the project template directory - leave out all files like output files, dependency files, settings files, etc.
3. Copy also `XXX.ewp` to the project template directory and rename it to `templproj.ewp`
4. If you want to have debugger settings in your template copy `XXX.ewd` to the Project template directory and rename it to `templproj.ewd`
5. If you want the debugger desktop settings in your template create `settings` subdirectory in project template directory, copy `XXX.dbgt` there and rename it to `templproj.dbgt`