# C/C++ Project Properties, Environment

Use the **Environment** property page to customize the build environment for all projects in the workspace; it lets you control the environment variables used by the build.



**Environment preference options**

| **Group** | **Description** |
| --- | --- |
| **Configuration** | [Click here for a description.](http://docs.google.com/cdt_u_prop_all.htm) |
| **Manage Configurations...** | [Click here for a description.](http://docs.google.com/cdt_u_prop_all.htm) |
| **Environment variables to set** | Shows the current list of environment variables and their corresponding value. These are the environment variable values used when building. |
| **Variable** | Specifies the name of the environment variable. |
| **Value** | Specifies the value of the environment variable. |
| **Append variables to native environment** | Appends the variables to the native environment during its execution. |
| **Replace native environment with specified one** | Replaces the native environment with the specified variables, and then restores the native environment upon its completion. |
| **Add...** | Opens the **New variable** dialog to create a new environment variable and value. Custom environment variables that you create appear in bold within the list.    Click **Variables** to Select variables by name to include in the value. Select **Add to all configurations** to make this new environment variable available to all configurations for the selected project; otherwise, the variable is only available for the currently selected configuration. |
| **Select...** | Opens the **Select variables** dialog where you can choose from a list of system variables. |
| **Edit...** | Modifies the name and value of the selected environment variable. |
| **Remove** | Removes the selected environment variables from the list. |
| **Undefine** | Undefines the currently selected variable; however, some variables, such as the PATH variable, cannot be undefined. |



* [Project Properties, Resource page](http://docs.google.com/cdt_u_prop_resource.htm)
* [Project Properties, Builders page](http://docs.google.com/cdt_u_prop_builders.htm)
* [Project Properties, common C/C++ Configurations handling](http://docs.google.com/cdt_u_prop_all.htm)
  + [Manage Configurations dialog](http://docs.google.com/cdt_u_prop_manage_dialog.htm)
  + [Create Configuration dialog](http://docs.google.com/cdt_u_prop_manage_newdialog.htm)
  + [Rename Configuration dialog](http://docs.google.com/cdt_u_prop_manage_rendialog.htm)
* [Project Properties, C/C++ Build category](http://docs.google.com/cdt_u_prop_build.htm)
  + [Discovery options page](http://docs.google.com/cdt_u_prop_build_discovery.htm)
  + [Environment page](http://docs.google.com/cdt_u_prop_build_environment.htm)
  + Settings page
    - [Tool Settings tab](http://docs.google.com/cdt_u_prop_build_settings_tool.htm)
    - [Build Steps tab](http://docs.google.com/cdt_u_prop_build_settings_steps.htm)
    - [Build Artifact tab](http://docs.google.com/cdt_u_prop_build_settings_artifact.htm)
    - [Binary Parsers tab](http://docs.google.com/cdt_u_prop_build_settings_binparser.htm)
    - [Error Parsers tab](http://docs.google.com/cdt_u_prop_build_settings_errparser.htm)
  + [Tool chain editor page](http://docs.google.com/cdt_u_prop_build_toolchain.htm)
  + [Variables page](http://docs.google.com/cdt_u_prop_build_variables.htm)
* Project Properties, [C/C++ General category](http://docs.google.com/cdt_u_prop_general.htm)
  + [Documentation page](http://docs.google.com/cdt_u_prop_general_doc.htm)
  + [Export Settings page](http://docs.google.com/cdt_u_prop_general_exp.htm)
  + [File Types page](http://docs.google.com/cdt_u_prop_general_typ.htm)
  + [Indexer page](http://docs.google.com/cdt_u_prop_general_idx.htm)
  + [Language Mapping page](http://docs.google.com/cdt_u_prop_general_lng.htm)
  + Paths and Symbols page
    - [Includes tab](http://docs.google.com/cdt_u_prop_general_pns_inc.htm)
    - [Symbols tab](http://docs.google.com/cdt_u_prop_general_pns_sym.htm)
    - [Libraries tab](http://docs.google.com/cdt_u_prop_general_pns_lib.htm)
    - [Libraries path tab](http://docs.google.com/cdt_u_prop_general_pns_libpath.htm)
    - [Source Location tab](http://docs.google.com/cdt_u_prop_general_pns_src.htm)
    - [Output Location tab](http://docs.google.com/cdt_u_prop_general_pns_out.htm)
    - [References tab](http://docs.google.com/cdt_u_prop_general_pns_ref.htm)
    - [Data Hierarchy tab](http://docs.google.com/cdt_u_prop_general_pns_hier.htm)
* [C/C++ Project Properties, Project References page](http://docs.google.com/cdt_u_prop_ref.htm)
* [C/C++ Project Properties, Run/Debug Settings page](http://docs.google.com/cdt_u_prop_rundebug.htm)

