Doxygen Developer manual

1.2.1

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9.6 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/-ProcessRunner.cs File Reference . . . 20

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Chapter 1

Doxygen tool

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If you have any questions contact me on johan.holtby@gmail.com

I also will put up video tutorials on my youtube: http://www.youtube.com/user/Norritt42/videos

This is a doxygen tool for Unity. I have been inspired by http://www.jacobpennock.com/Blog/?p=629

To use this tool you need to install:

1. Doxygen - www.doxygen.org
2. A LaTeX to pdf tool - e.g. http://miktex.org/download (Remember to update using Update(admin))
3. Install Ghostscript if needed - http://www.ghostscript.com/download/gsdnld.html (The MikTex uses this)
4. Remember to close and reopen Unity if you have it open to update environment variables.

One thing that I have found out the hard way is that if you have deep file hearcies some times makeindex refman.idx rejects files. This is a known bug http://sourceforge.net/p/miktex/bugs/2144/

To generate the PDF files:

1. Fill in every thing in settings.
2. Press "Save Settings(...."
3. Go to "Generate/View/Edit"
4. Press "Generate PDFs"

Best of luck

/Norritt42

Chapter 2

Credits

Thanks to Kerry Enfinger for submitting a bug report and how to fix it.

Chapter 3

Namespace Index

3.1 Packages

Here are the packages with brief descriptions (if available):

ProjectNull 13
ProjectNull.DocTools 13

Chapter 4

Hierarchical Index

4.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

ProjectNull.DocTools.DoxyFile 15
ProjectNull.DocTools.DoxySettings 15
EditorWindow
    ProjectNull.DocTools.DoxyWindow 17
ProjectNull.DocTools.ProcessRunner 17

Chapter 5

Class Index

5.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

ProjectNull.DocTools.DoxyFile
: The base doxy file class used to make new doxyfiles form a base doxyfile 15

ProjectNull.DocTools.DoxySettings
: This is the settings of the 15

ProjectNull.DocTools.DoxyWindow
: The doxygen window in the editor to access doxygen and the documentation 17

ProjectNull.DocTools.ProcessRunner
: Contains a process and this is the interface point 17

Chapter 6

File Index

6.1 File List

Here is a list of all files with brief descriptions:

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C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/DoxySettings.cs 19
C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/DoxyWindow.cs 20
C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/ProcessRunner.cs 20

Chapter 7

Namespace Documentation

7.1 Package ProjectNull

Namespaces

- package DocTools

7.2 Package ProjectNull.DocTools

Classes

- class DoxyFile

  The base doxy file class used to make new doxyfiles form a base doxyfile.
- struct DoxySettings

  This is the settings of the.
- class DoxyWindow

  The doxygen window in the editor to access doxygen and the documentation.
- class ProcessRunner

  Contains a process and this is the interface point.

Enumerations

- enum DoxyType { DoxyType.User, DoxyType.Developer }

7.2.1 Enumeration Type Documentation

7.2.1.1 enum ProjectNull.DocTools.DoxyType

Enumerator

User

Developer

Chapter 8

Class Documentation

8.1 ProjectNull.DocTools.DoxyFile Class Reference

The base doxy file class used to make new doxyfiles form a base doxyfile.

Static Public Member Functions

- static int MakeTheDoxyFiles (DoxySettings doxySettings)

  Make the doxyfiles in the new folder.
- static bool DoxygenFileExist (DoxyType doxyType, DoxySettings doxySettings)

8.1.1 Detailed Description

The base doxy file class used to make new doxyfiles form a base doxyfile.

8.1.2 Member Function Documentation

8.1.2.1 static bool ProjectNull.DocTools.DoxyFile.DoxygenFileExist (DoxyType *doxyType,* DoxySettings *doxySettings*) [static]

Test if dxygen file exist

8.1.2.2 static int ProjectNull.DocTools.DoxyFile.MakeTheDoxyFiles (DoxySettings *doxySettings*) [static]

Make the doxyfiles in the new folder.

The documentation for this class was generated from the following file:

- C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/DoxyFile.cs

8.2 ProjectNull.DocTools.DoxySettings Struct Reference

This is the settings of the.

Public Member Functions

- void Save ()

  Save the data to the EditorPrefs using SetString.
- void Load ()

  Used to load the settings from EditorPrefs.
- void LoadFromEditorPrefs ()

  Used to load the settings from EditorPrefs.
- void LoadSettingsFromUserDoxyFile ()

  Loading settings from the doxygen using the user doxygen file.

Properties

- string fullDoxygenPath `[get, set]`
- string activeDocumentationFolder `[get, set]`
- string projecSourceFolder `[get, set]`
- string projectName `[get, set]`
- string projectBrief `[get, set]`
- string projectVersionNumber `[get, set]`

8.2.1 Detailed Description

This is the settings of the.

8.2.2 Member Function Documentation

8.2.2.1 void ProjectNull.DocTools.DoxySettings.Load ( )

Used to load the settings from EditorPrefs.

8.2.2.2 void ProjectNull.DocTools.DoxySettings.LoadFromEditorPrefs ( )

Used to load the settings from EditorPrefs.

8.2.2.3 void ProjectNull.DocTools.DoxySettings.LoadSettingsFromUserDoxyFile ( )

Loading settings from the doxygen using the user doxygen file.

8.2.2.4 void ProjectNull.DocTools.DoxySettings.Save ( )

Save the data to the EditorPrefs using SetString.

8.2.3 Property Documentation

8.2.3.1 string ProjectNull.DocTools.DoxySettings.activeDocumentationFolder `[get],[set]`

The path to the active documentation folder

It's here the doxy files and PDFs are

8.2.3.2 string ProjectNull.DocTools.DoxySettings.fullDoxygenPath [get],[set]

The path to the doxygen.exe file

8.2.3.3 string ProjectNull.DocTools.DoxySettings.projecSourceFolder [get],[set]

The path to the source folder when generating new doxy files.

8.2.3.4 string ProjectNull.DocTools.DoxySettings.projectBrief [get],[set]

The project brief description to insert in the doxyfile.

8.2.3.5 string ProjectNull.DocTools.DoxySettings.projectName [get],[set]

The project name to insert in the doxyfile.

8.2.3.6 string ProjectNull.DocTools.DoxySettings.projectVersionNumber [get],[set]

The project number (version number) to insert in the doxyfile.

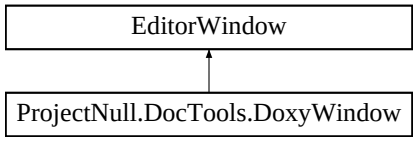
The documentation for this struct was generated from the following file:

- C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/DoxySettings.cs

8.3 ProjectNull.DocTools.DoxyWindow Class Reference

The doxygen window in the editor to access doxygen and the documentation.

Inheritance diagram for ProjectNull.DocTools.DoxyWindow:



8.3.1 Detailed Description

The doxygen window in the editor to access doxygen and the documentation.

The documentation for this class was generated from the following file:

- C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/DoxyWindow.cs

8.4 ProjectNull.DocTools.ProcessRunner Class Reference

Contains a process and this is the interface point.

Public Member Functions

- bool ProcessIsActive ()
- void StartInWorkingFolder (string runFile, string[] arguments)

  Creat a temp working folder and start a process in it.
- void StartWitoutWorkingFolder (string runFile, string[] arguments)

  Start a process without creating a temp working folder.
- System.IO.StreamReader GetOutStream ()

  Get the stream out from the process.

8.4.1 Detailed Description

Contains a process and this is the interface point.

8.4.2 Member Function Documentation

8.4.2.1 System.IO.StreamReader ProjectNull.DocTools.ProcessRunner.GetOutStream ( )

Get the stream out from the process.

8.4.2.2 bool ProjectNull.DocTools.ProcessRunner.ProcessIsActive ( )

8.4.2.3 void ProjectNull.DocTools.ProcessRunner.StartInWorkingFolder (string *runFile,* string[] *arguments*)

Creat a temp working folder and start a process in it.

8.4.2.4 void ProjectNull.DocTools.ProcessRunner.StartWitoutWorkingFolder (string *runFile,* string[] *arguments*)

Start a process without creating a temp working folder.

The documentation for this class was generated from the following file:

- C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/Doxygen/Editor/ProcessRunner.cs

Chapter 9

File Documentation

9.1 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Documentation/credits.dox File Reference

9.2 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Documentation/README.dox File Reference

9.3 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Editor/DoxyFile.cs File Reference

Classes

- class ProjectNull.DocTools.DoxyFile

  The base doxy file class used to make new doxyfiles form a base doxyfile.

Namespaces

- package ProjectNull.DocTools

Enumerations

- enum ProjectNull.DocTools.DoxyType { ProjectNull.DocTools.DoxyType.User, ProjectNull.DocTools.DoxyType.Developer }

9.4 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Editor/DoxySettings.cs File Reference

Classes

- struct ProjectNull.DocTools.DoxySettings

  This is the settings of the.

Namespaces

- package ProjectNull.DocTools

9.5 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Editor/DoxyWindow.cs File Reference

Classes

- class ProjectNull.DocTools.DoxyWindow

  The doxygen window in the editor to access doxygen and the documentation.

Namespaces

- package ProjectNull.DocTools

9.6 C:/Users/johan_000/Dropbox/ProjectNull/AssetsToStore/LoadBalancer/Assets/-Doxygen/Editor/ProcessRunner.cs File Reference

Classes

- class ProjectNull.DocTools.ProcessRunner

  Contains a process and this is the interface point.

Namespaces

- package ProjectNull.DocTools

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