

iCanScript Readme - v1.1.1



Important Notice for v1.0.x Users!!!

The correction of a serious bug related to Undo/Redo forced a significant change in the way iCanScript stores its visual script. Consequently, version v1.1.0 of iCanScript is not backwards compatible. Please contact support if you need help porting existing visual scripts to this new version.

P.S. iCanScript now includes a *textual* Export/Import feature to avoid future data incompatibilities.

Installation

You will find in attachment iCanScript v1.1.1 (Beta #20). Use the following steps to install iCanScript:

1. Save the attached files on your hard drive;
2. Open the Unity game engine.
3. Delete the iCanScript folder from your project panel if it already exists;
4. Use **Assets->Import Package->Custom Package** to import the iCanScript package you have saved on your hard drive;
5. Create a game object of your choice;
6. Attach an iCanScript visual script component (from the **Component->iCanScript->Visual Script** menu) to your game object;
7. You are now ready to create your first visual script program...

You can find some tutorials at: www.icanscript.com/screencast

This version is a beta version that has been tested on OSX and Windows XP, Windows Vista & Windows 7. Disruptive software provides the software as-is and is not responsible for issues associated with it's usage.

iCanScript Package

The iCanScript unity package can be imported in your project as a custom package. It will automatically create a Gizmos folder and install the *iCanScriptGizmo.png* graphic file the first time you launch the visual editor. The Gizmo is used to show the GameObjects that include a visual script in the Scene view.

The iCanScript package includes several files and most should not be modified as they will change in future releases of iCanScript. The user that wants to extend the iCanScript library with his/her own library or source code will find useful to brows through the following folders:

- **iCanScript/Editor/NodeInstaller:** This folder includes the built-in Unity & .NET node installer files. It also includes the *iCS_CustomInstaller* file you can modify to invoke your own node installer (see Installing Your Own Library).
- **iCanScript/Engine/Nodes:** This folder includes the source code for the built-in nodes. Use can use these files as examples to create your own node from source code.

Additional details for extending the iCanScript library can be found in the Extending iCanScript section of the User Guide.

Installing Your Own Library

You can install your own libraries to be used in iCanScript. To do so, you can customize the file *“iCanScript/Editor/NodeInstaller/CustomInstaller.cs”* to invoke your own installer.

The Unity & .NET nodes are installed in the following files:

- *“iCanScript/Editor/NodeInstaller/iCSUnityClasses.cs”* and;
- *“iCanScript/Editor/NodeInstaller/iCSNETClasses.cs”*.

The Unity and .NET node installer files **SHOULD NOT BE MODIFIED** as they will most likely evolve in future releases of iCanScript. However, you are invited to browse those files and use them as examples to populate the iCanScript library with nodes extracted from existing libraries.

Creating Nodes from Your Source Code

iCanScript offers the ability to directly publish your code as node(s). This is realize by tagging your classes, attribute, properties, and functions using iCanScript metadata attributes. You can find more information on the iCanScript attributes in the User Guide in section Extending iCanScript.

Documentation

The User Guide for iCanScript is embedded inside the iCanScript package and can be accessed from the root folder of iCanScript once it is installed. The User Guide can also be access from the iCanScript web site.

Major sections of the user and programmer documentation are still work in progress. Please excuse us for the delay.

Demo Scenes

The iCanScript package includes a Playground & a Quick Start Tutorial demo scene that can be open from:

- *“iCanScript/Demo_Scenes/Playground”*; and
- *“iCanScript/Demo_Scenes/Quick Start Tutorial”*

We invite you to read the Quick Start Tutorial description included in the User Guide.

Getting the Latest Version

iCanScript includes the functionality to verify for more recent versions. Starting from v1.0.1, this functionality periodically invoked daily. The verification interval can be modified from the iCanScript Preferences Panel.

You can also manually verification for new version of iCanScript using the following menu item:

- *“Help->iCanScript->Check for Updates...”*

Enjoy and help us make iCanScript better by submitting customer request for bugs and new features.