SceneComposer Usability Improvements

Disable Widgets

In the "Preferences" menu, two new options for disabling widgets were added:

- Enable widget instantiation - true by default. If this option is disabled, the widgets will still be accessible in the solution, but they will not be instantiated by SCHost.
- Enable widget update - true by default, indicates whether or not the widgets will be updated.

See also:

- Widgets in SceneComposer User Manual

Convert Shaders

If any shaders or shader programs were modified or added in the new version of SceneComposer, the user will be notified during the conversion process. He will have to choose whether to replace them or not. In order to fulfil this operation in a suitable way, the user has the possibility to select those old shaders which has to be replaced with the new solution shaders and shader programs.

See also:

- Convert Solution in SceneComposer User Manual

2D Nodes: Object Inspector

Because of the difficulty to determine the absolute position or the effective size of a specific 2D node - especially when different layouters are used, an "Object Inspector" has been added. Due to this feature, now it is possible to display the following properties of a 2D node: Position, Scale, Rotation and BoundingBox.

WorldPivotPosition, WorldPosition and WorldBoundingBox can also be displayed in the Scene Editor panel. This feature is disabled by default and can be enabled in "Preferences" > "Editor" > "2D" > "World Transformations" (Mantis 5456).

See also:

- Position of 2D Nodes in SceneComposer User Manual

Preserve Imported Folder Structure

In the "Import" dialog window a new option was added: "Preserve imported folder structure". This option allows the user to import, simultaneously, many items without putting them together in the same folder.

> If a bunch of images are imported, any of them can be added in a folder instead of being added - all of them - together in the same folder.

It is available for the following imports: FBX, images, custom imports. This feature can be used only if the "Delete existing items in destination folder" is checked. Otherwise it will be unavailable and unchecked (Mantis 5444).

See also:

- Preserve Imported Folder Structure in SceneComposer User Manual

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Disable Previews

In order to improve the performance of the application, now it is possible to enable/disable previews by checking/unchecking the "Disable Previews" checkbox from "File" > "Preferences" > "Environment" (Mantis 5509).

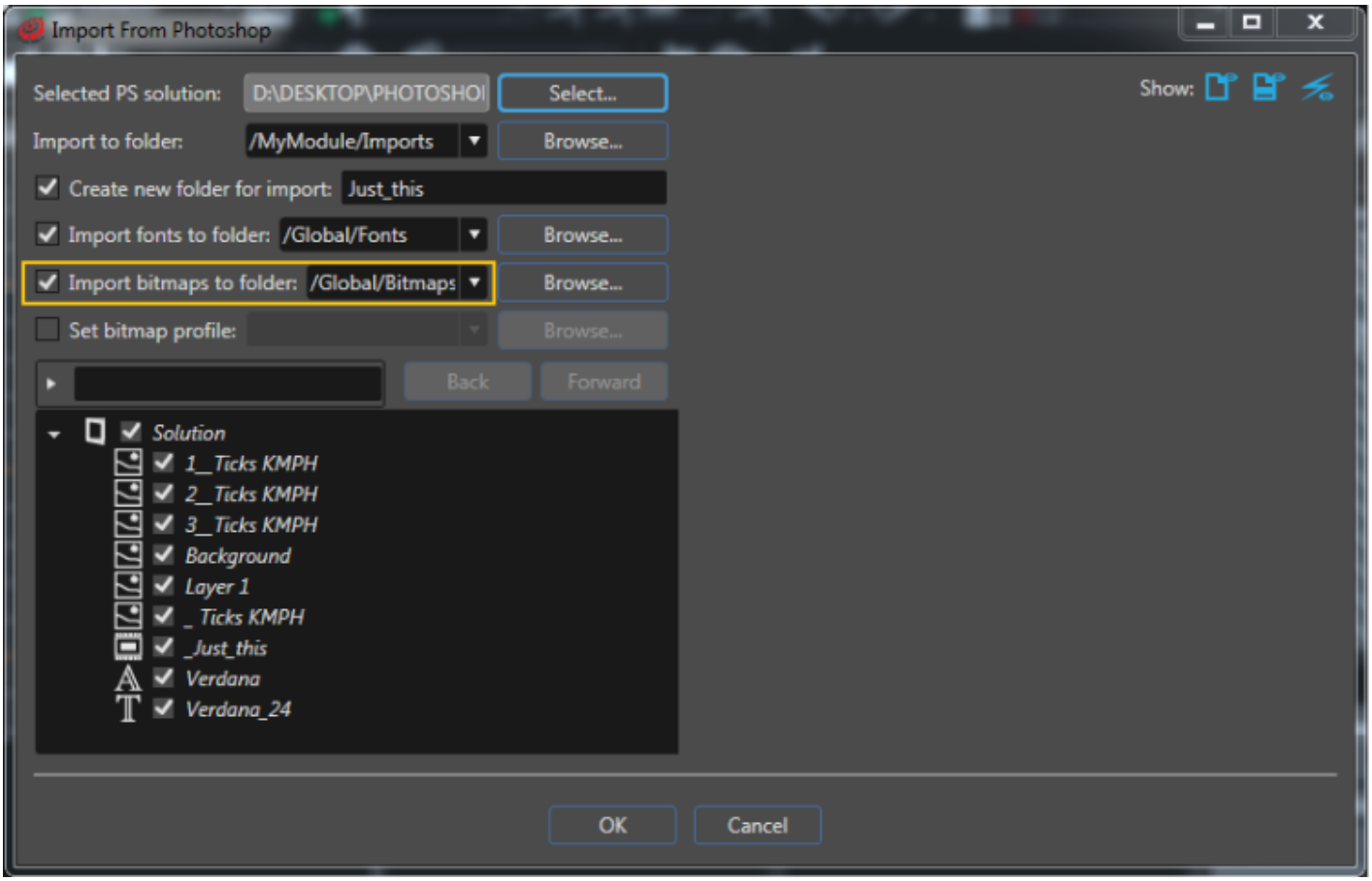
See also:

- Disable Previews in SceneComposer User Manual

Import Bitmaps in a Selected Folder

The user will have the possibility to import the bitmaps in a selected folder while using the "Import From Photoshop" dialog which is part of the "Import" menu located on the menu-bar.

To enable this option the checkbox which correspond to "Import bitmaps to folder" must be checked otherwise the bitmaps will be saved together with the other items in the import folder.



If this option is enabled the user will have the possibility to import the bitmaps in a selected folder. The selected folder will be saved after the dialog or the application will be closed and it will be available as predefined folder to import the bitmaps next time when the user will run again the "Import From Photoshop" dialog (Mantis 5484).

Asset Generation

It is possible now to exclude render targets from the asset. In the previous versions, all the render targets from all the displays were included in the asset. With this change, the asset will contain only those render targets which have the "Export always" property used or are referenced by scenes that are effectively included in the asset (Mantis 5306).

See also:

- Asset Library in SceneComposer User Manual

FTCCmd Support for Setting Bitmap Profile

It is now possible to specify a bitmap profile to be applied to all imported images when invoking FTCCmd.exe (by using parameter /bitmapprofile).

See also:

- FTC Command in SceneComposer User Manual

Minor Improvements

- Widget Properties. Until now, if a widget property was not available in SCHost.dll, SceneComposer would silently remove all values of this new property without any notification. Now, if this situation occurs, when opening a solution, the user is notified through a dialog that some of the widget properties were removed. He has the option to continue, thus losing the set properties at the first save, or to quit loading the solution (Mantis 5446).

- Background Color. It is now possible to set the background color for the Scene Editor camera in both 2D and 3D, both locally (for each scene) and globally, for all scenes (Mantis 4833).

- Mipmapping. "Enable mipmapping" property was moved from texture to bitmap. Solutions will have to be converted.

- Changing GUID. The solution GUID will be changed when changing the platform or converting to another version (Mantis 5452).

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