

The journal system has two universal elements the *JournalEntryObject* and the *PageFiller* script.

The *JournalEntryObject* is a scriptable object with only three consistent elements, the 'Main Portrait', the 'Object Name', and the 'Cont Evt'. The main portrait is an image associated with the Journal object whereas the object name is a string associated with the object. The container event is string indicating what event flag needs to be true for the given element to be visible.

In addition to the 'Main Portrait' and the 'Object Name', *JournalEntryObjects* allow the user to add as many elements as they'd like to the 'Object Info' string array and the 'ObjectIcons' Icon array. An Icon element consists of an 'Icon List Title' string, as well as an 'Icon Array' image list.

Due to the versatility of the *JournalEntryObject*, a filler script is needed to properly take information from the *JournalEntryObject* and place it into a new element.

The *PageFiller* script is used to fill in a journal page with the desired *JournalEntryObject* information within a desired journal element type.

The *PageFiller* script is attached to the desired journal page and takes the following three variables:

- The **guiElement** is the template of the type of element the journal page is to be filled with.
 - Templates to use for **guiElements** should be saved as an inactive child of the journal element.
 - If you would like more information as to how to make a template, please look at the following section.
- The **profiles** are a list of *JournalEntryObjects* that fill in the provided element type.
- The **holder** is the layout group where all of the elements will be placed.

The journal system was designed to be very versatile in order to allow for all sorts of different ways to display information. As such, it may take a little extra coding to get things working. If you need to create a new journal element, please follow the following steps:

First, create a template for this new element type and place it as an inactive child for the journal. Set this element anyway you'd like.

Next, create a filler script that tells the system how to transfer information from the *JournalEntryObject* to your newly created element. Place this filler script on your template so new elements can easily be created.

Finally, update the switch statement in the “AddElements()” function of the *PageFiller* script. In the case that your element is received, how should the information be filled?

Currently the following element types exist:

- **Character Profile Card:** This card showcases the portfolios of the different townsfolk. This

card shows the citizen's name, profession, profile picture, likes, and dislikes.