Global Events System

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The global events system makes it easy to invoke and subscribe to events by removing the necessity to depend on other scripts but the GlobalEventHandler.

Subscribing To An Event

You can add an event listener with GlobalEventHandler.AddEventListener.
Events supported are with no parameter or 1 to 4 parameters.

The following code adds a listener for an event with the name 'MyEventName' which has an integer as the parameter. A method with the name OnEventInvoked with an integer as its parameter will be invoked in response to the event.

GlobalEventHandler.AddEventListener<int>("MyEventName", OnEventInvoked);

Unsubscribing From An Event

Similarly to subscribing to an event you can unsubscribe from it. The following code will unsubscribe from the 'MyEventName' event.

GlobalEventHandler.RemoveEventListener<int>("MyEventName", OnEventInvoked);

Invoking An Event

An event can be invoked with GlobalEventHandler.InvokeEvent. You can provide zero to four parameters. The following example invokes the event named 'MyEventName' with an integer parameter.

GlobalEventHandler.InvokeEvent("MyEventName", 2);

Existing Events

There are multiple events in the codebase. Here are a few potentially useful ones for this asset.

OnPanelOpened

Invoked by an [AbstractUIPanel](#) script (part of the UI panel system) when it is opened. The parameter is the panel script itself.

OnPanelClosed

Invoked by an [AbstractUIPanel](#) script (part of the UI panel system) when it is closed. The parameter is the panel script itself.

OnPanelInitialized

Invoked by an [AbstractUIPanel](#) script (part of the UI panel system) when it is initialized from the Awake method. The parameter is the panel script itself.

OnSettingValueChanged

Invoked by a SettingHolder when the value of one of its settings is changed. The parameters are the setting, the setting's identifier, the settings collection the settingholder/setting belongs to and the new value of the setting (represented as an object).

OnStyleChanged

Invoked by a [StyleProfile](#) when a variable value in its list is changed. The parameters are the StyleProfile, the variable name and the new value (represented as an object).