Features

Thursday, April 02, 2015

11:51 AM

Machine generated alternative text:
Settings 
p r Oßct Sep. p 

|  |
| --- |
| <<DoorMonitor\_ProjectSetup.mp4>> |
| Demo Video |

To activate Door Monitor, Open project setup window from Settings button under HOK tab.

Machine generated alternative text:
Project Setup Information v2015.O.I.I 
@ Activate Project Monitor 
Project Address 
State: 
Cancel 

Select the check box, Activate Project Monitor, and click OK to apply the changes.

Every time users click the "OK" button, the door monitor will retrieve all door instances in the current Revit model, and apply the changes if it needs e.g. StateCA parameter.

Machine generated alternative text:
Action Required 
Messages 
@ FSingleFlush 1 1216878) - StateCA : 
@ FSingIeFIush HOK I (244514) - StateCA : 
@ FSingIeFIush 1 (244557) - StateCA : 
@ FSingIeFIush HOK I (244585) - StateCA : 
@ FSingIeFIush Frameless HOK I (244887) 
@ FSingIeFIush Frameless HOK I (245002) 
@ FSingIeFIush Frameless HOK I (245029) 
@ FSingIeFIush Frameless HOK I (245065) 
Show Elements 
Parameter Value has been changed. (s 
Parameter Value has been changed. (s 
Parameter Value has been changed. (s 
Parameter Value has been changed. (s 
Stat—CA : Parameter Value has been 
- Stat—CA : Parameter Value has been 
Stat—CA : Parameter Value has been 
Stat—CA : Parameter Value has been 

After fixing parameter values to meet the criteria of the project setup, a notification message window will be displayed with the information of changes.

**Development Notes**

1. Data Storage - the project setup will be stored in each Revit document as data storage to decide whether the monitor will be activated or not.

|  |  |
| --- | --- |
| Field Name | Data Type |
| IsMonitorOn | Boolean |
| IsStateCA | Boolean |
| ProjectState | String |

1. Updater and Triggers

Updater will react to the following changes as defined each trigger.

- Parameter Value Changed: "Approach @ Pull Side"

- Parameter Value Changed: "Approach @ Push Side"

- Parameter Value Changed: "StateCA"

- Element Addition : triggered when door elements added and check for "StateCA"

1. Failure Processor

When users try to select different types than one from Approach, this error message below will appear.

Machine generated alternative text:
Autodesk Revit 2015 
Error - cannot be gnored 
Can't make type F SingleFIush HOK_I 
Show 
Delete Type 
More Info 
Expand 

Failure Processor built in the Door Monitor will clear this error message and roll back the transaction users made.

This Failure Processor will only handle errors occurred after two triggers, Parameter Value Changed - "Approach @ Pull Side" and "Approach @ Push Side"