

Window Activation Trigger

Sometimes FileMaker developers miss a script trigger to run when you switch between windows. We usually recommend people check if [Window.Current](#) function returns a new number. And you may do that with [Schedule](#) functions.

Here is a script to start a schedule to check the window regularly:

```
# current window
```

```
Set Variable [ $currentWindow ; Value: MBS("Window.Current") ]
```

```
Set Variable [ $r ; Value: MBS( "FM.VariableSet";
```

```
"WindowActivateTriggerCurrentWindow"; $currentWindow ) ]
```

```
# Schedule a calculation to check window every second
```

```
Set Variable [ $schedule ; Value: MBS( "Schedule.EvaluateAfterDelay"; 1; "Let([
```

```
lastWindow = MBS( \"FM.VariableGet\";
```

```
\"WindowActivateTriggerCurrentWindow\" );
```

```
e1 = MBS(\"IsError\");
```

```
currentWindow = MBS( \"Window.Current\" );
```

```
e2 = MBS(\"IsError\");
```

```
r = If(e1 = 0 AND e2 = 0 AND lastWindow ≠ currentWindow; Let([
```

```
    w = MBS( \"FM.VariableSet\"; \"WindowActivateTriggerCurrentWindow\";
```

```
currentWindow );
```

```
    e = MBS( \"FM.RunScript\"; \"\" & Get(FileName) & \"\"; \"Window Activated
```

```
Trigger\")
```

```
]; 0); 0)
```

```
];1)\"; \"\"; \"\"; 1 ) ]
```

```
Set Variable [ $r ; Value: MBS( \"FM.VariableSet\"; \"WindowActivateTrigger\";
```

```
$schedule ) ]
```

As you see, we use a variable via MBS Plugin to store the number of the current window independent of the scope of \$\$ variables. The calculation is evaluated once a second (when FileMaker is not busy) and if we get the window number, we remember it and trigger the script.

To stop the trigger, we can release the schedule:

stop trigger if it is running

```
If [ MBS( "FM.VariableExists"; "WindowActivateTrigger" ) ]  
    Set Variable [ $w ; Value: MBS( "FM.VariableGet";  
"WindowActivateTrigger" ) ]  
    Set Variable [ $r ; Value: MBS("Schedule.Release"; $w) ]  
    Set Variable [ $r ; Value: MBS( "FM.VariableClear"; "WindowActivateTrigger"  
) ]  
    Set Variable [ $r ; Value: MBS( "FM.VariableClear";  
"WindowActivateTriggerCurrentWindow" ) ]  
End If
```

Please try and comment. Let us know if you have questions. The example database will be included with the next pre-release.