

# StatusGlobals

Hi

I have been using a technique (I don't know if it is really new or not, but it is not listed on this page yet) to store StatusGlobals ( like AllowAutoEnter, ScriptTriggersBlocked) etc.

I got inspired by Matt Petrowsky's idea to use custom functions for more than just storing a simple calculation. At a certain point in a project I ran into the problem that in one of my scripts I turned the scriptriggers off (`$$$blockScriptTriggers = 1`) and forgot to turn it of at the end of the script (`$$$blockScriptTriggers = 0`).

This meant that in certain conditions the application simply failed... no more OnRecordLoad, OnLayoutLoad etc...

As it was really a pain in the ass to find the script that caused it, I came to the idea that I actually wanted to know which script lastly modified this statusGlobal. So I created for this "ScriptTriggersBlocked" status three different custom functions (SG is my "class" name for all the StatusGlobals)

- `SG_ScriptTriggersLockedSet ( _boolean )`
- `SG_ScriptTriggersLockedGet -> returns a boolean`
- `SG_ScriptTriggersLockedInfo -> returns more detailed info about the last modification of the status global`

The custom functions uses `xmlSet ( _tag ; _data )` and `xmlGet ( _tag ; _data )` developed by Fabrice Nordmann, they can be downloaded here:

- `xmlGet ( _xml ; _tag )` : [http://fmcusercontent.com/functions\\_display\\_record.php?functionId=110](http://fmcusercontent.com/functions_display_record.php?functionId=110)
- `xmlSet ( _tag ; _data )` : [http://fmcusercontent.com/functions\\_display\\_record.php?functionId=109](http://fmcusercontent.com/functions_display_record.php?functionId=109)

`SG_ScriptTriggersLockedSet ( _boolean )`

```
Let ( $$$SG_ScriptTriggersLocked =
xmlSet ( "status" ; GetAsBoolean ( _boolean ) ) &
xmlSet ( "scriptName" ; Get ( ScriptName ) ) &
xmlSet ( "CurrentTime" ; Get ( CurrentTimeStamp ) ) &
xmlSet ( "LayoutName" ; Get ( LayoutName ) )
;
""
)
```

---

`SG_ScriptTriggersLockedGet`

```
Let (
_status = xmlGet ( $$$SG_ScriptTriggersLocked ; "status" )
;
GetAsBoolean ( _status )
)
```

---

`SG_ScriptTriggersLockedInfo`

`$$$SG_ScriptTriggersLocked`

---

Those custom functions saved me many times. If there is now a particular strange behavior with my scriptriggers, I just put in my dataviewer `SG_ScriptTriggersLockedInfo` and I get the information of the latest status change.

I use the same principle for "Auto-enter block", "Turn Audit On", etc etc

For me this is really something that has an added-value for every developer, but as I said in the beginning of my post, I don't know if this is a known technique or not... Or maybe there are better techniques...