

SAGASleep - version 0.2



Overview

SAGASleep is a small AmigaOS3.x program for **Power OFF the SAGA Video Output**. It use the SAGA API described in [SAGA Video Core](#) article.

SAGASleep will be embedded in the [SAGA Drivers packages](#) starting from **0.10b** release or download it from [Aminet](#) as soon as it is available.

Releases

- \$VER: SAGASleep 0.2 (19.6.2016) : Some improvements.
 - \$VER: SAGASleep 0.1 (18.6.2016) : Initial release.
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Features

If Frontmost screen is a RGB ScreenMode

- Suspend the SAGA Video Output (Black Screen).

If Frontmost screen is a RTG ScreenMode

- 1st run: Suspend the SAGA Video Output (Black Screen).
 - 2nd run: Restore the SAGA Video Output (Back to previous VideoMode).
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Usage with WHDLoad

Typically, this tool will be used with [WHDLoad](#).

Open S:WHDLoad.prefs in a Text Editor and make sure these lines are not commented :

```
ExecuteStartup=Execute S:WHDLoad-Startup ; command to execute on WHDLoad startup
ExecuteCleanup=Execute S:WHDLoad-Cleanup ; command to execute on WHDLoad
```

exit

Then, modify both files `S:WHDLoad.Startup` and `S:WHDLoad.Cleanup`

```
;
; example script to be used with WHDLoad option ExecuteCleanup
; restart all software which has been stopped previously with ExecuteStartup
;

; Power ON/OFF the SAGA Video Output
C:SAGASleep >NIL:

; start Poseidon USB-stack
;ENVARC:PsdStackLoader

; start Genesis with a X-Surf card
;AmiTCP:bin/online x-surf0

; start Roadshow
;AddInterface DEVS:NetInterfaces/(#?.info) Quiet

; start the IP-stack via ARexx
;C:rx online.rexx

; enable max speed and JIT for UAE
;uae-configuration cpu_speed max cachesize 8192
```

Usage with FKey

Another use can be to associate a Keyboard shortcut for suspend / restore the SAGA Video Output.

- Open `SYS:Tools/Commodities/FKey`
- Click `New Key` button
- Shortcut : `Control Escape` or any valid value
- Command : `Run Program`
- Command Parameters : `C:SAGASleep >NIL:`
- Save settings.

Usage with MiniBench

Another usage is to use it with the [MiniBench](#) benchmarking tool.

The goal is to run MiniBench with the SAGA Video Output disabled to obtain more consistent scores.

Create a script `MiniBench.run`, and add these lines :

```
;
; Run MiniBench with SAGA Video Output disabled.
;

C:SAGASleep >NIL:
C:MiniBench
C:SAGASleep >NIL:
```

Open CLI and type :

```
>Execute MiniBench.run
```

Various usage

Sometimes, after booting the Workbench in a **24bits RTG** screenmode, the colors are wrong for some reason. It is possible to use SAGASleep to 'repair' the colors. Associate the following script to a KB event or so for handy access.

Create a script SAGAFix24.run, and add these lines :

```
;
; Fix 24bits SAGA Video Mode
;

C:SAGASleep >NIL:
C:Wait 1
C:SAGASleep >NIL:
```

Open CLI and type :

```
>Execute SAGAFix24.run
```

Known BUG

It seems the AmigaOS3.x DimensionInfo→MaxDepth property returns "**24**" when the frontmost screenmode depth is "**32bits**".

This issue prevents SAGASleep to restore properly from a 32bits screenmode.

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