

Query connected clients on FileMaker Server by script

Today at a visit of [Team Nifty](#), we talked about FileMaker development, deployment, iOS, Server and a lot of more things. While discussing import and export of data and coded a few new plugin functions. So I added two new useful functions to parse and format dates, times and timestamp in any way. [Time.Format](#) takes a timestamp and formats it in the way you specify. The other way around [Time.Parse](#) takes a text and parses a date. You can specify formats exactly and read/write dates, times and timestamps in the format you need.



Patrick Weh show me a nice way to figure out what clients are connected to a FileMaker Server. He runs a script which uses a shell command with our [RunTask](#) functions to ask the server via the fmsadmin tool for the list of connected users:

```
# © 30.07.2016 Patrick Weh | Team Nifty GmbH (17:40 Uhr)
# List connected Clients
#
-----
-
# Script checks for connected clients at the FileMaker Server.
# Copy this File to your Server and run this Script on your FileMaker Server.
#
-----
-
#
Set Error Capture [On]
Allow User Abort [Off]
#
Set Variable [$r; Value:MBS( "RunTask.NewTask" )]
Set Variable [$r; Value:MBS( "RunTask.SetLaunchPath"; "/Library/FileMaker Server/
Database Server/bin/fmsadmin" )]
# please put your admin password here
Set Variable [$r; Value:MBS( "RunTask.SetArguments"; "-u" ; "fmserveradmin" ; "-p" ;
"fmserveradminpassword" ; "list" ; "clients" ; "-s" )]
Set Variable [$r; Value:MBS( "RunTask.Launch" )]
# now wait for task to finish:
Set Variable [$result; Value:""]
Loop
```

```
Pause/Resume Script [Duration (seconds): 2]
Set Variable [$result; Value:$result & MBS("RunTask.ReadOutputText")]
Exit Loop If [MBS("RunTask.IsRunning") ≠ 1]
End Loop
#
# write into a field:
Set Field [Check clients::Clients; $result]
Commit Records/Requests [No dialog]
#
```

Of course this script must run on the FileMaker Server for Mac, either as scheduled script, perform script on server or as part of a FM Pro on the server machine.