

# Hydra

Hydra is a graphical tool used to run sequential actions on multiple objects simultaneously. Objects are mostly machines but every kind of objects can be used, like Users, Folders, ... The biggest part of this document will focus on machine operations but other objects are handled in the same way.

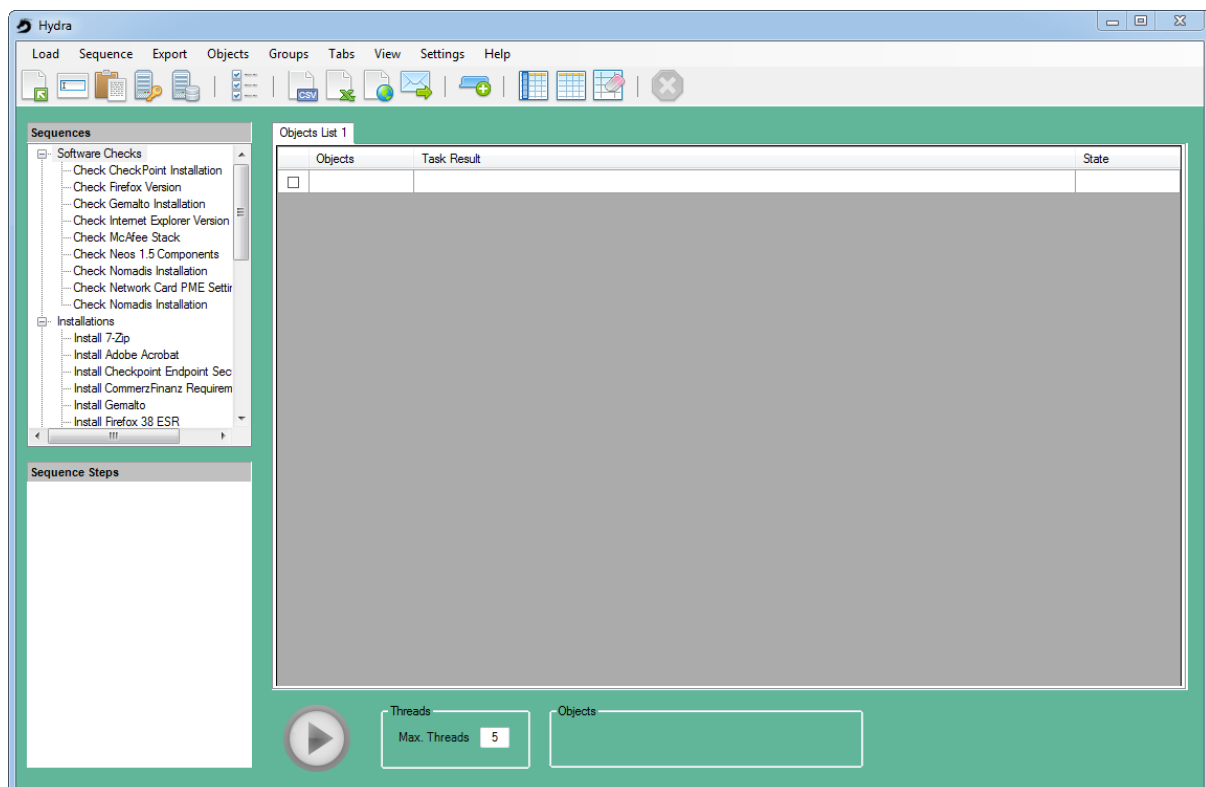
Typical sequences can be:

- Perform remote deployments on multiple machines
- Run some batches
- Read or set registry keys
- List files versions
- Execute anything remotely
- List attributes or perform actions on AD users or groups
- ...

## Interface

Hydra is quite easy to use and its interface has been made as intuitive as possible: define objects, select a sequence, and run it.

The interface is composed of a main grid in the middle where the objects are defined, a list of pre-defined sequences on the left, a menu bar and a running overview on the bottom part:



To run a pre-defined sequence on an object, enter your object in the grid, select the sequence you want to run on the left panel and click on the "Start" button:

The screenshot shows a software management interface. On the left, the 'Sequences' panel lists various tasks under 'Software Checks' and 'Installations'. 'Check Firefox Version' is selected and highlighted with a red box. Below it, the 'Sequence Steps' panel shows two steps: 'Step 1: Check if the machine is online' and 'Step 2: Firefox Version checks', both with checkboxes. On the right, the 'Objects List 1' grid has two columns: 'Objects' and 'Task Result'. The first row contains 'FRAW20008400' and 'Pending', both highlighted with red boxes. At the bottom, a large play button icon is highlighted with a red box, and next to it is a 'Threads' section with 'Max. Threads' set to '100'.

Once your sequence will have finished, you will get the result near the name of the object:

Objects List 1			
	Objects	Task Result	State
<input checked="" type="checkbox"/>	FRAW20008400	Firefox 38.3.0	OK
<input type="checkbox"/>			

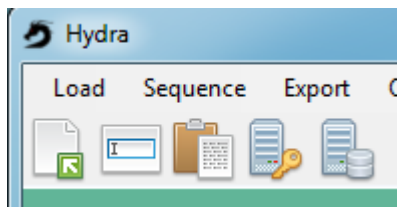
## Objects

There are several options to define or load objects: they can be entered manually in the grid, loaded with files, with SCCM or AD queries, or pasted from the clipboard. It is now possible to load objects successively from different sources and create a bigger list before starting a sequence.

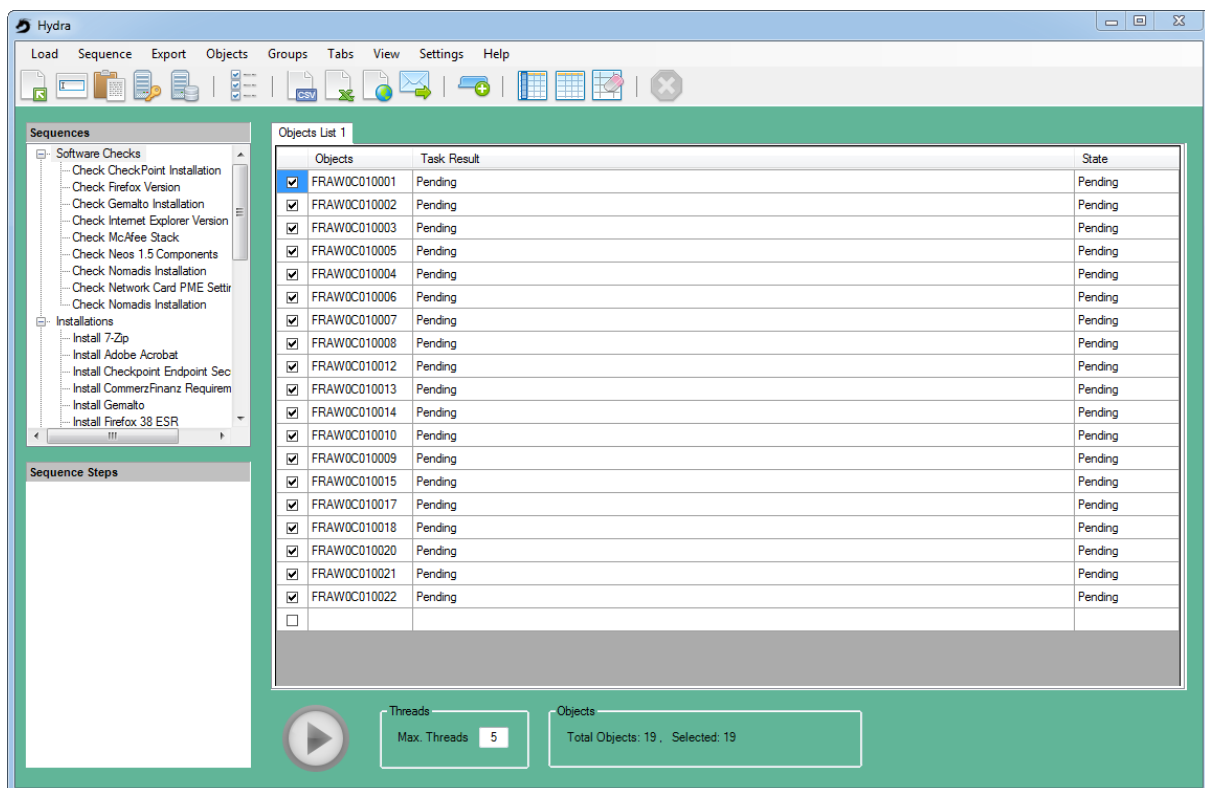
All new added objects are automatically selected ("checked"), meaning that they will be used for the sequence. Every object can be selected or unselected as desired.

To load objects, use the menu "Load", or click one of the 5 icons defined:

- ✓ Load from a file
- ✓ Load manually (enter or paste a list of objects separated by a coma, semicolon or pipe)
- ✓ Paste from the clipboard (CTRL+V is also supported)
- ✓ Query AD
- ✓ Query SCCM



Once loaded, the objects are ready to receive the sequence you want to apply:

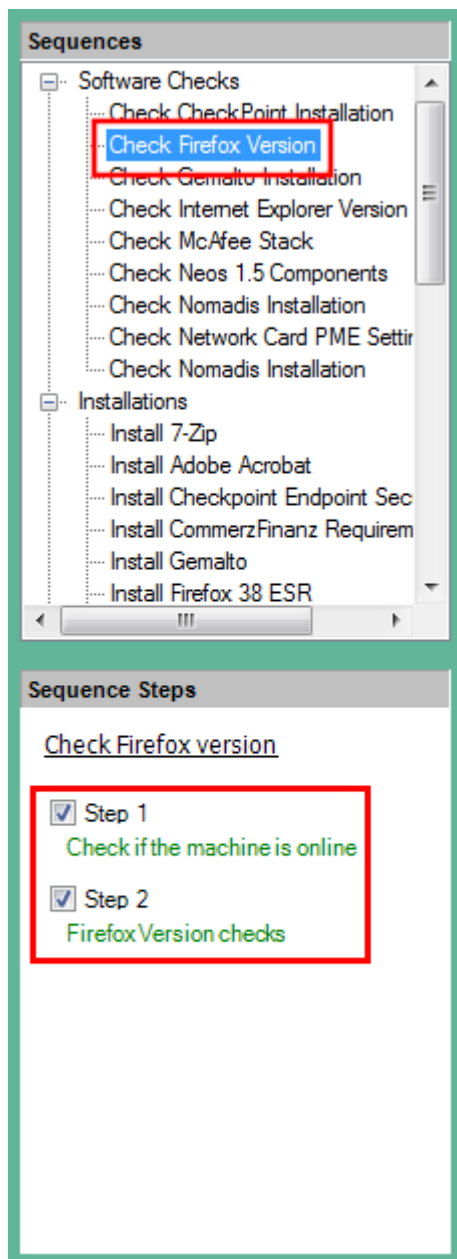


Objects can be manually renamed as well as removed from the grid.

# Sequences

## Default sequences

The default sequences are displayed as a tree on the left side of the interface. Selecting a sequence automatically loads and displays the associated steps:

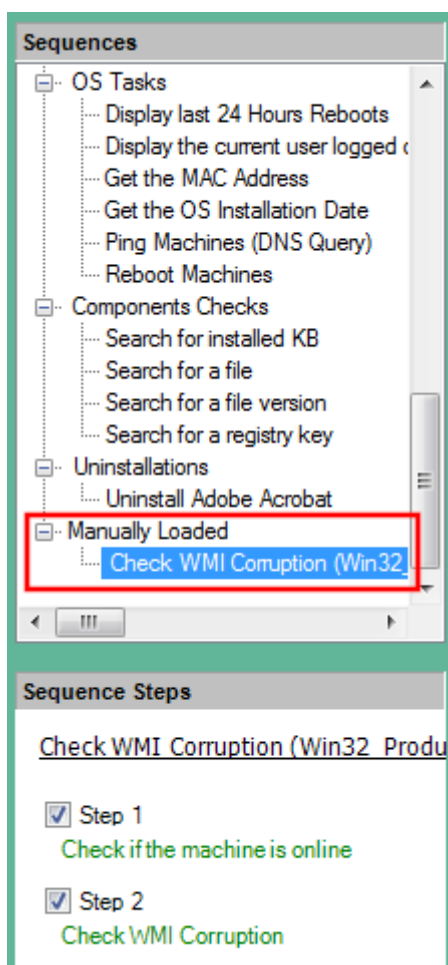
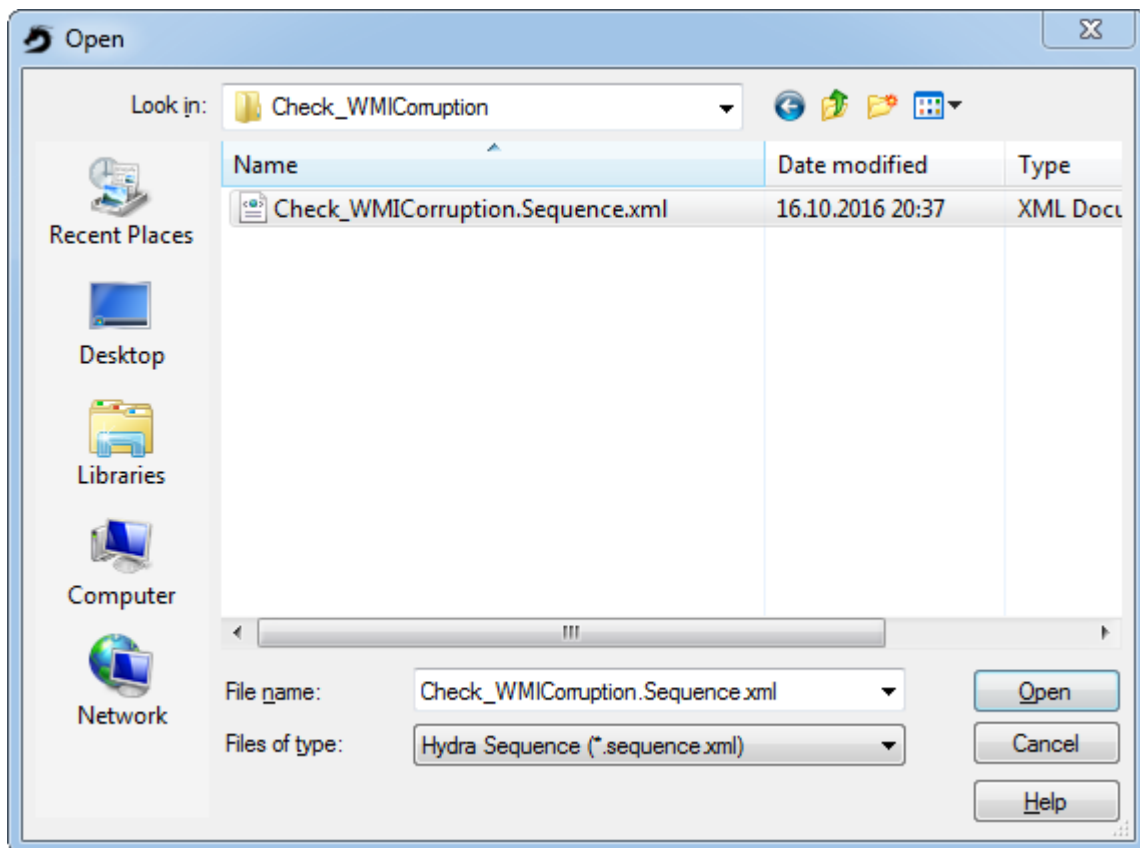


## Load a sequence manually

If you want to use a sequence that is not in the sequence tree, you can use the menu "Sequence -> Load a sequence manually" or use the corresponding icon:

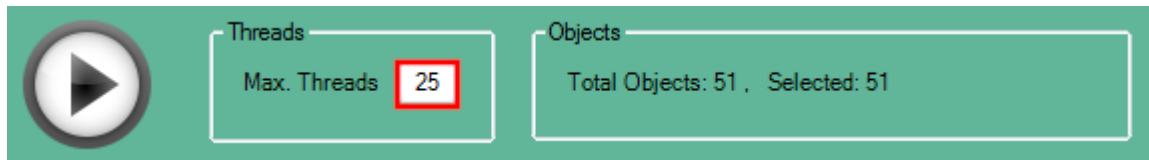


After you've selected and loaded a sequence manually, it is inserted in the sequence tree, in the node "Manually Loaded":

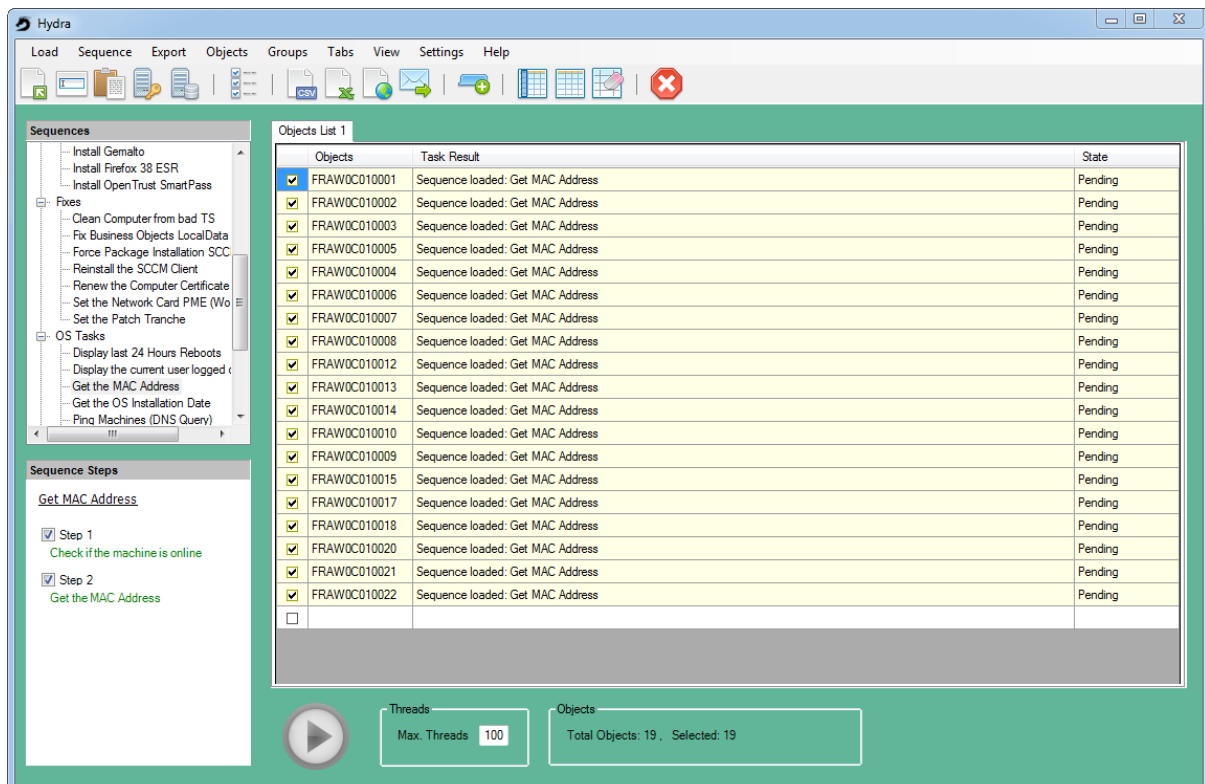


## Start a sequence

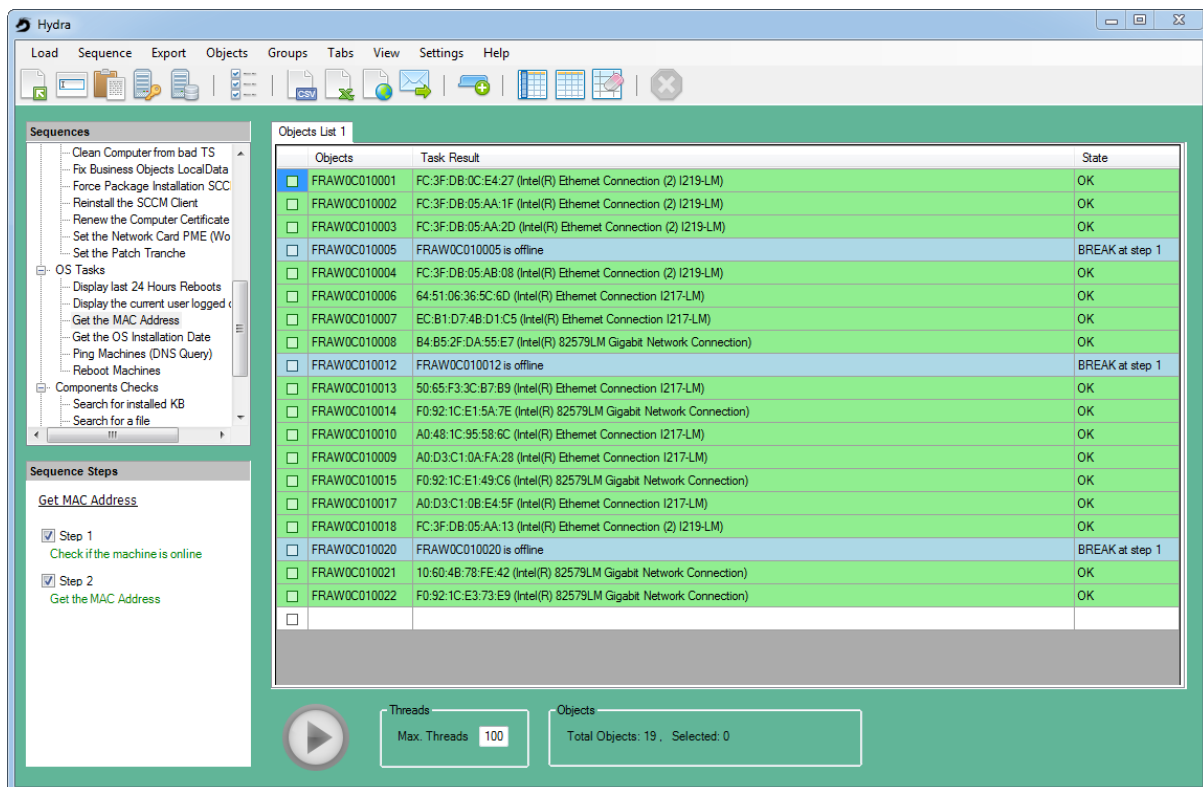
Once objects are defined and selected, and that a valid sequence has been chosen, the Start button is made available and the sequence can be launched. You may adjust the number of threads if needed:



The sequence is assigned to all objects checked and the number of threads defined will run in parallel:



At the end of the execution, the state is displayed for every object treated:



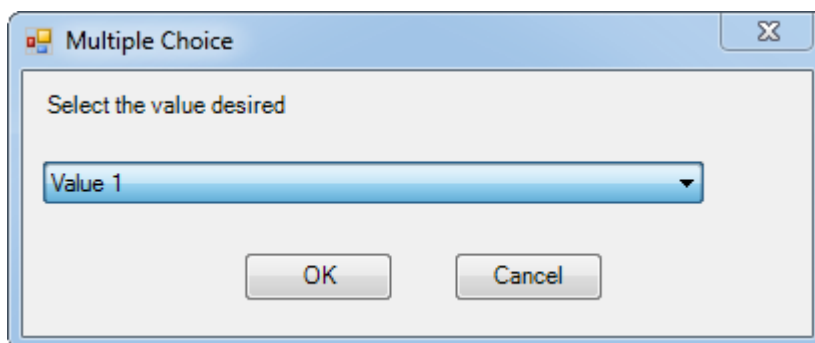
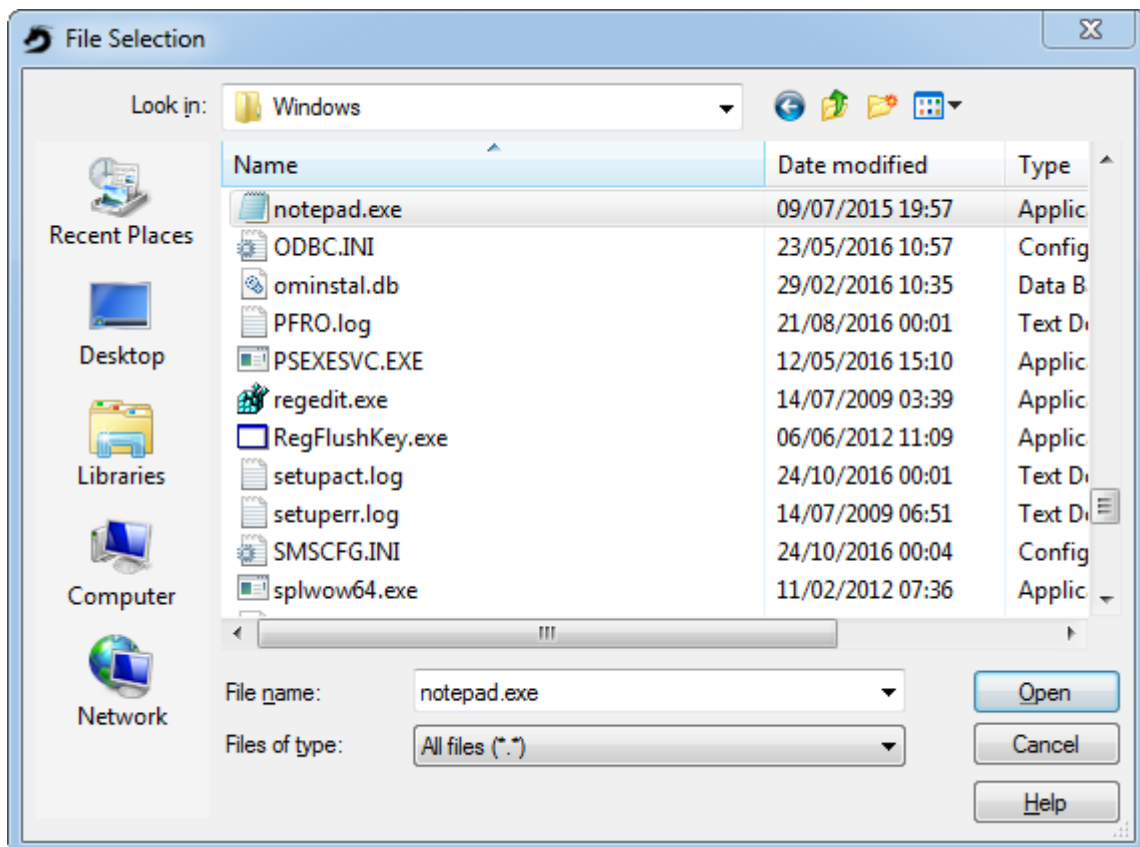
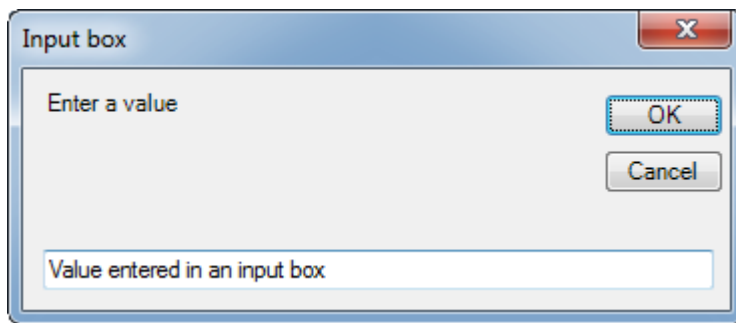
Depending on the sequence executed, you may receive different state like:

- ✓ OK: everything went fine
- ✓ STOP: one step has ended in a state estimated as critical enough to stop the sequence
- ✓ BREAK: one step has ended in a state estimated as not relevant for the object

Objects List 1		
Objects	Task Result	State
<input checked="" type="checkbox"/> fraw20007183	fraw20007183 is offline	BREAK at step 1
<input type="checkbox"/> fraw20007234	Not 1.5	BREAK at step 2
<input type="checkbox"/> fraw20007536	Not 1.5	BREAK at step 2
<input type="checkbox"/> fraw20007576	Neos 1.5 Upgrade	OK
<input type="checkbox"/> fraw20002030	fraw20002030 is offline	BREAK at step 1
<input type="checkbox"/> fraw20002256	Neos 1.5 Upgrade	OK
<input checked="" type="checkbox"/> fraw20002261	Can't open registry	STOP at step 2
<input type="checkbox"/> fraw20002400	Not 1.5	BREAK at step 2
<input type="checkbox"/> fraw20002402	Neos 1.5 Upgrade	OK
<input type="checkbox"/> fraw20002800	fraw20002800 is offline	BREAK at step 1
<input type="checkbox"/> fraw20007195	fraw20007195 is offline	BREAK at step 1
<input checked="" type="checkbox"/> fraw20007268	Can't open registry	STOP at step 2
<input type="checkbox"/> fraw20007345	Neos 1.5 Upgrade	OK
<input type="checkbox"/> fraw20007711	fraw20007711 is offline	BREAK at step 1

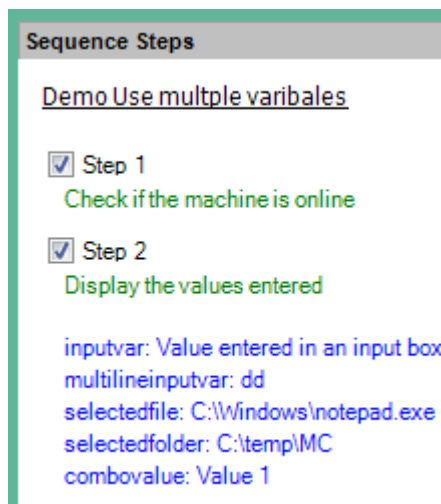
## Variables

Some sequences have variables defined: before the sequence can start, you have to enter values for these variables, or select some options. Some examples of variables types:



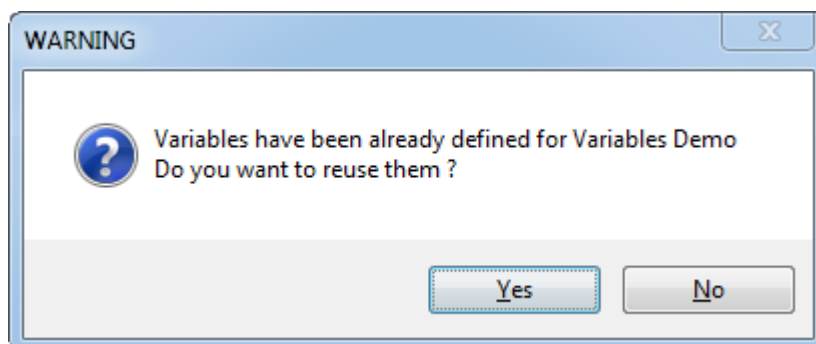
The variables set are displayed in blue in the sequence panel:





Variables are then used in some steps of the sequence: they make the sequences very flexible and modular. Sequence developers can use variables to write generic sequences instead of writing new ones when only a few parameters differ.

When you restart a sequence after variables have been define, you will be prompted if you want to reuse them or redefine them:

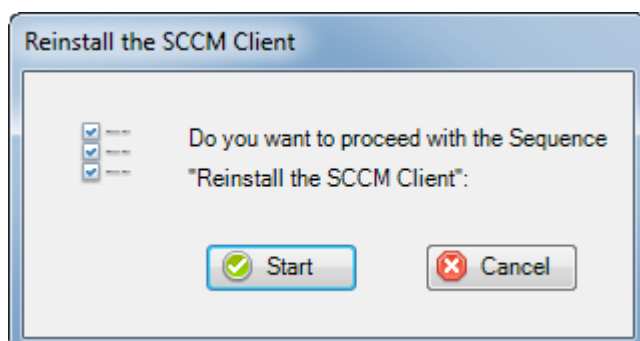


## Warnings

Some sequences may be dangerous and can be protected by a warning. A developer can protect his sequences with 2 mechanisms:

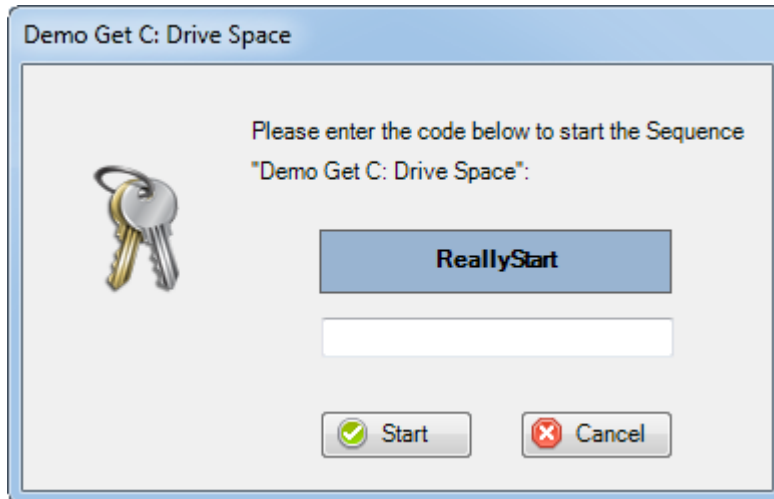
### A warning

A warning is a standard pop-up asking if the sequence should really be run:



## A security code

Sequences starts can be protected with a stronger security, a security code. To allow the start of the sequence, the user needs to type the security code displayed in the window. The sequence will only start if the code entered is matching the one displayed:



## Basic objects operations in the grid

You can manipulate the objects in the grid in different ways, like:

- ✓ Remove or select objects based on their status
- ✓ Display the protocol of every step executed

All objects operations can be done with a right click on the corresponding column.

## Tasks results

A right click on objects in the Task Results column displays the steps protocol, for example:

<input type="checkbox"/>	fraw20007576	Neos 1.5 Upgrade	
<input type="checkbox"/>	fraw200i2030	fraw200i2030 is offline	
<input type="checkbox"/>	fraw200i2256	Neos 1.5 Upgrade	
<input type="checkbox"/>	fraw200i2261	Can't open registry	
<input type="checkbox"/>	fraw200i2400	Not 1.5	
<input type="checkbox"/>	fraw200i2402	Neos 1.5 Upgrade	
<input type="checkbox"/>	fraw200i2800	fraw200i2800 is offline	
<input type="checkbox"/>	fraw200i7195	fraw200i7195 is offline	
<input type="checkbox"/>	fraw200i7268	Can't open registry	
<input type="checkbox"/>	fraw200i7345	Neos 1.5 Upgrade	
<input type="checkbox"/>	fraw200i7711	fraw200i7711 is offline	
<input type="checkbox"/>	fraw200v6004	Not 1.5	
<input type="checkbox"/>	fraw200v6018	Not 1.5	
<input type="checkbox"/>	fraw200v6019	Not 1.5	
<input type="checkbox"/>	fraw200v6020	Not 1.5	
<input type="checkbox"/>	fraw200v6070	Can't open registry	
<input type="checkbox"/>	fraw200v6071	Can't open registry	

Show Protocol

Show Sequence Steps

fraw200i2261 - Neos Version Check

Started at 08:31:10

fraw200i2261 is online

Can't open registry

Ended at 08:31:33

fraw200i2256 - Neos Version Check

Started at 08:31:10

fraw200i2256 is online

Neos 1.5 Upgrade

Ended at 08:31:13

fraw200i2030 - Neos Version Check

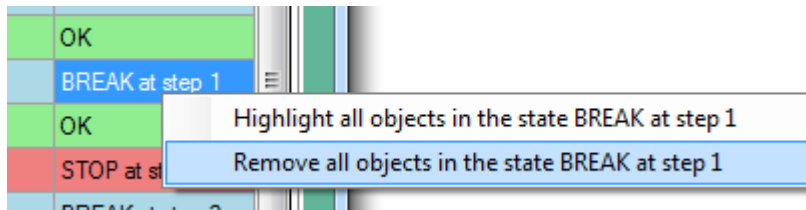
Started at 08:31:10

fraw200i2030 is offline

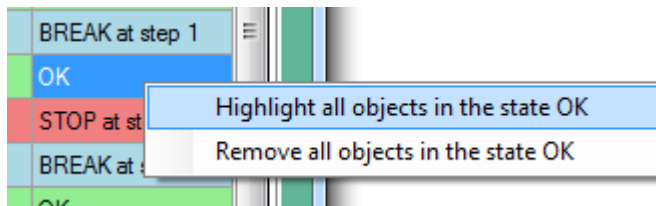
Ended at 08:31:14

## State

A right click on the State column gives you the option to remove all objects in a specific state (like removing all in the state BREAK, for example).



Choosing to highlight all objects in state OK will select all objects in this state:

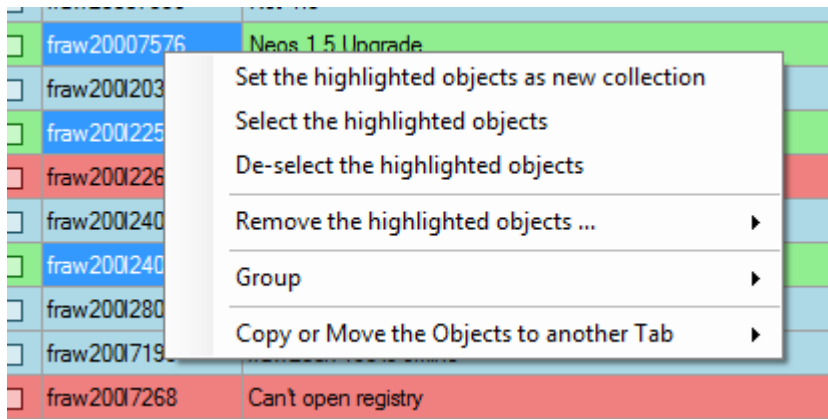


<input type="checkbox"/>	fraw20007536	Not 1.5
<input type="checkbox"/>	fraw20007576	Neos 1.5 U
<input type="checkbox"/>	fraw20012030	fraw200120
<input type="checkbox"/>	fraw20012256	Neos 1.5 U
<input type="checkbox"/>	fraw20012261	Can't open
<input type="checkbox"/>	fraw20012400	Not 1.5
<input type="checkbox"/>	fraw20012402	Neos 1.5 U
<input type="checkbox"/>	fraw20012800	fraw200128
<input type="checkbox"/>	fraw20017195	fraw200171
<input type="checkbox"/>	fraw20017268	Can't open
<input type="checkbox"/>	fraw20017345	Neos 1.5 U
<input type="checkbox"/>	fraw20017711	fraw200177
<input type="checkbox"/>	fraw200176004	Not 1.5

At this point, further operations can be made with a right click in the column Objects

## Objects

The right click option in the column Objects opens further options:

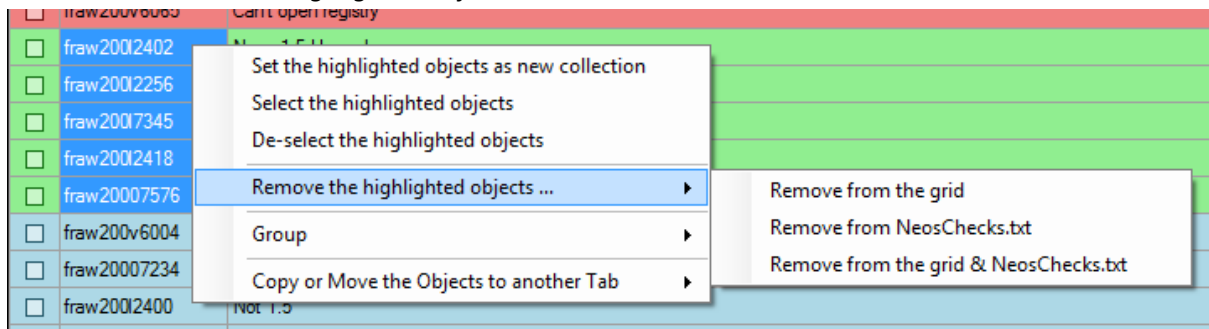


You can:

- ✓ Set the highlighted objects as new collection: this will remove all other objects from the grid
- ✓ Select the highlighted objects: this will enable the checkbox of the selected objects
- ✓ Remove highlighted objects from the grid, and/or remove them from their respective files if they have been loaded this way

Other options, like Group and Tab will be described later on.

To remove some objects, right click on in the column "Objects" and choose the option you wish in the menu *"Remove the highlighted objects ..."*:



To run a new sequence on some objects, select them, choose the sequence to run, and start it. The example below shows how to display the current user logged on on machines where the last state was OK:

### Sequences

- Install Gemalto
- Install Firefox 38 ESR
- Install OpenTrust SmartPass
- Fixes
  - Clean Computer from bad TS
  - Fix Business Objects LocalData
  - Force Package Installation SCC
  - Reinstall the SCCM Client
  - Renew the Computer Certificate
  - Set the Network Card PME (Wo
  - Set the Patch Tranche
- OS Tasks
  - Display last 24 Hours Reboots
  - Display the current user logged on
  - Get the MAC Address
  - Get the OS Installation Date
  - Ping Machines (DNS Query)

### Objects List 1

	Objects	Task Result
<input type="checkbox"/>	fraw20007183	fraw20007183 is offline
<input type="checkbox"/>	fraw20007234	Not 1.5
<input type="checkbox"/>	fraw20007536	Not 1.5
<input checked="" type="checkbox"/>	fraw20007576	Neos 1.5 Upgrade
<input type="checkbox"/>	fraw200i2030	fraw200i2030 is offline
<input checked="" type="checkbox"/>	fraw200i2256	Neos 1.5 Upgrade
<input type="checkbox"/>	fraw200i2261	Can't open registry
<input type="checkbox"/>	fraw200i2400	Not 1.5
<input checked="" type="checkbox"/>	fraw200i2402	Neos 1.5 Upgrade
<input type="checkbox"/>	fraw200i2800	fraw200i2800 is offline
<input type="checkbox"/>	fraw200i7195	fraw200i7195 is offline
<input type="checkbox"/>	fraw200i7268	Can't open registry
<input checked="" type="checkbox"/>	fraw200i7345	Neos 1.5 Upgrade
<input type="checkbox"/>	fraw200i7711	fraw200i7711 is offline
<input type="checkbox"/>	fraw200v6004	Not 1.5
<input type="checkbox"/>	fraw200v6018	Not 1.5
<input type="checkbox"/>	fraw200v6019	Not 1.5
<input type="checkbox"/>	fraw200v6020	Not 1.5
<input type="checkbox"/>	fraw200v6070	Can't open registry

### Sequence Steps

Display the current logged on user

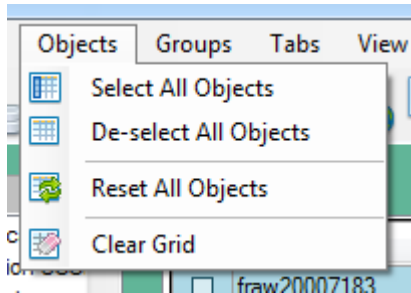
- ☒ Step 1  
Check if the machine is online
- ☒ Step 2  
Check who is logged on

Once the sequence has finished, the state of the objects selected changes.

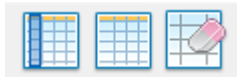
<input type="checkbox"/>	fraw20007576	No user logged on. Last user: C:\Users\AdministratorRenamed, 12/07/2015 17:19:38
<input type="checkbox"/>	fraw200i2030	fraw200i2030 is offline
<input type="checkbox"/>	fraw200i2256	No user logged on. Last user: C:\Users\patzac, 10/27/2016 16:33:26
<input type="checkbox"/>	fraw200i2261	Can't open registry
<input type="checkbox"/>	fraw200i2400	Not 1.5
<input type="checkbox"/>	fraw200i2402	No user logged on. Last user: C:\Users\DEa00263, 10/07/2016 18:45:59
<input type="checkbox"/>	fraw200i2800	fraw200i2800 is offline
<input type="checkbox"/>	fraw200i7195	fraw200i7195 is offline
<input type="checkbox"/>	fraw200i7268	Can't open registry
<input type="checkbox"/>	fraw200i7345	No user logged on. Last user: C:\Users\emsta, 09/06/2016 13:41:33
<input type="checkbox"/>	fraw200i7711	fraw200i7711 is offline

Depending on how the sequences are written, the colors used to display the results can vary. In the example above, grey has been chosen for the machines where nobody is logged on.

You can also select all machines at once, deselect all, or completely clear the grid using the menu "Objects":



You can also use one of the icons:



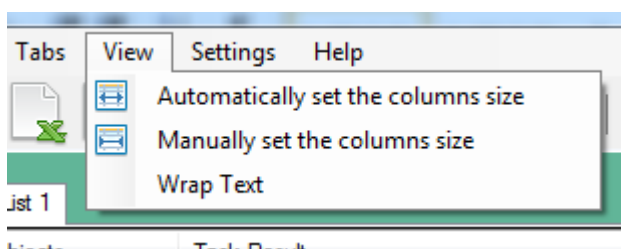
The option "Reset all Objects", only accessible from the menu "Objects", resets all the state of all objects in the grid and put them in state pending again.

## Columns

Per default, the columns size is automatically set. In some cases, the text to display in the column "Task Results" is too long and part of it is not displayed:

Objects List 1			
	Objects	Task Result	State
<input type="checkbox"/>	fraw20007183	fraw20007183 is offline	BREAK
<input type="checkbox"/>	fraw20007234	Nb of reboots: 1 ; 27.10.2016,14:49 - Shutdown ; 27.10.2016,14:49 - Restart ;	OK
<input type="checkbox"/>	fraw20007536	Nb of reboots: 3 ; 27.10.2016,20:10 - Shutdown ; 28.10.2016,02:43 - Restart ; 28.10.2016,05:00 - Shutdown ; 28.10.2016,05:...	OK
<input type="checkbox"/>	fraw20007576	Nb of reboots: 6 ; 27.10.2016,10:23 - Restart ; 27.10.2016,14:49 - Shutdown ; 27.10.2016,14:50 - Restart ; 27.10.2016,15:12 - ...	OK
<input type="checkbox"/>	fraw20007576	fraw20007576 is offline	BREAK

In such a case, you can choose the option "*Manually set the columns size*" in the menu *View*, or select the option "*Wrap Text*":



The option "Wrap Text" displays the results on several rows:

Objects List 1			
	Objects	Task Result	State
<input type="checkbox"/>	fraw20007183	fraw20007183 is offline	BREAK
<input type="checkbox"/>	fraw20007234	Nb of reboots: 1 ; 27.10.2016,14:49 - Shutdown ; 27.10.2016,14:49 - Restart ;	OK
<input type="checkbox"/>	fraw20007536	Nb of reboots: 3 ; 27.10.2016,20:10 - Shutdown ; 28.10.2016,02:43 - Restart ; 28.10.2016,05:00 - Shutdown ; 28.10.2016,05:00 - Restart ; 28.10.2016,05:04 - Shutdown ; 28.10.2016,05:04 - Restart ;	OK
<input type="checkbox"/>	fraw20007576	Nb of reboots: 6 ; 27.10.2016,10:23 - Restart ; 27.10.2016,14:49 - Shutdown ; 27.10.2016,14:50 - Restart ; 27.10.2016,15:12 - Shutdown ; 27.10.2016,15:13 - Restart ; 27.10.2016,15:22 - Shutdown ; 27.10.2016,15:23 - Restart ; 27.10.2016,15:40 - Shutdown ; 27.10.2016,15:40 - Restart ; 27.10.2016,16:09 - Shutdown ; 27.10.2016,16:11 - Restart ;	OK
<input type="checkbox"/>	fraw20007576	fraw20007576 is offline	BREAK

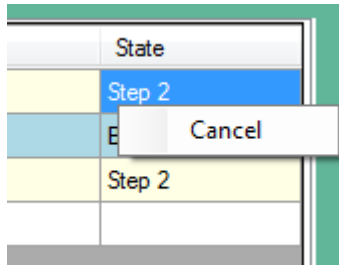
## Cancel

You can cancel sequences running on some or all objects. To cancel all next all sequences currently running, select "*Cancel All*" in the menu *Sequence*, or the icon



steps of click on

To cancel operations only on some objects, select and right click on the states of the desired objects: choose then *Cancel*.



**Important:** cancelling a sequence doesn't kill the processes currently running. It is impossible, for example, to stop an installation currently running on a remote machine. Hydra will wait for the steps currently running to complete, will then set the state as "Cancelled" and will stop any further operations on the impacted objects.

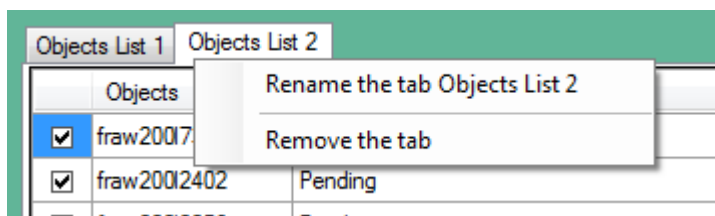
You can get back the control in the grid, without waiting for the steps returning their state by cancelling a second time.

## Tabs

Hydra supports multiple grids using tabs. Per default, only one tab is created but you can create as much as you wish using the menu "Tabs" or the icon

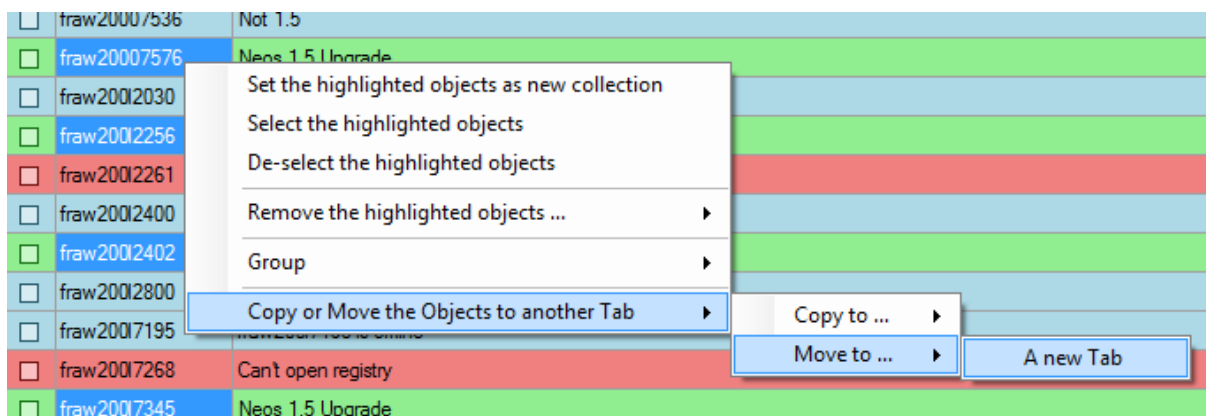


You can rename or remove a tab using the right click options:



Each tab is independent from the others and starting a sequence only applies on the current selected tab. During the executions of sequences, you can switch to other tabs, start other sequences, add new objects, remove some...

You can also copy or move objects from one tab to a new one or an existing one. For this, select the objects, right click on one of them, and choose the option *"Copy or Move the Objects to another Tab"*:



In the example above, the 4 machines are removed from the current grid and then put in a new one:

Objects List 1   Objects List 2			
	Objects	Task Result	State
<input checked="" type="checkbox"/>	fraw20007345	Pending	Pending
<input checked="" type="checkbox"/>	fraw20002402	Pending	Pending
<input checked="" type="checkbox"/>	fraw20002256	Pending	Pending
<input checked="" type="checkbox"/>	fraw20007576	Pending	Pending
<input type="checkbox"/>			

Depending on the Tab style you have chosen in the settings, you can also define colors for each tab.

Using the menu "Tabs", you can also save all tabs with all their respective objects. They can be reused for a future use with the submenu "Load": the tabs are loaded after the existing ones and don't replace the current ones.

## Exports

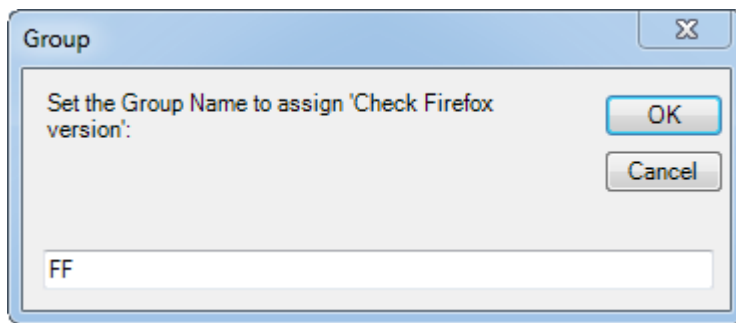
You can export the state of objects, or some selected objects, to a csv file, in Excel, HTML or send it per mail. For this, use one of these options in the menu *Export* or one of the respective icons:



The Export window allows you to select what you want to export. The default paths are defined in the user's settings:







A dialog box titled "Group" with a close button (X) in the top right corner. The main text says "Set the Group Name to assign 'Check Firefox version':". Below this text is a text input field containing the characters "FF". To the right of the input field are two buttons: "OK" and "Cancel".

Once a group is created, a new column is displayed with the name of the group assigned, as well as the number of maximum threads defined for this group. This value can be hidden.

Objects List 1				
	Objects	Task Result	State	Group
<input checked="" type="checkbox"/>	FRAW0C010002	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010001	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010002	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010003	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010005	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010004	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010006	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010007	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010001	Sequence assigned: Check Firefox version	Pending	FF (100)
<input checked="" type="checkbox"/>	FRAW0C010008	Pending	Pending	

You can define as much as groups as you like.

The example below shows:

- ✓ One Group PME with 5 objects and the sequence "Retrieve the PME Settings"
- ✓ One Group FF with 9 objects and the sequence "Check Firefox version"
- ✓ Other machines, some checked, some unchecked, with the sequence "Get the MAC address" ready to be executed on these objects

### Sequences

- Fix Business Objects LocalData
- Force Package Installation SCC
- Reinstall the SCCM Client
- Renew the Computer Certificate
- Set the Network Card PME (Wo
- Set the Patch Tranche
- OS Tasks
  - Display last 24 Hours Reboots
  - Display the current user logged c
  - Get the MAC Address
  - Get the OS Installation Date
  - Ping Machines (DNS Query)
  - Reboot Machines
- Components Checks
  - Search for installed KB
  - Search for a file
  - Search for a file version

### Sequence Steps

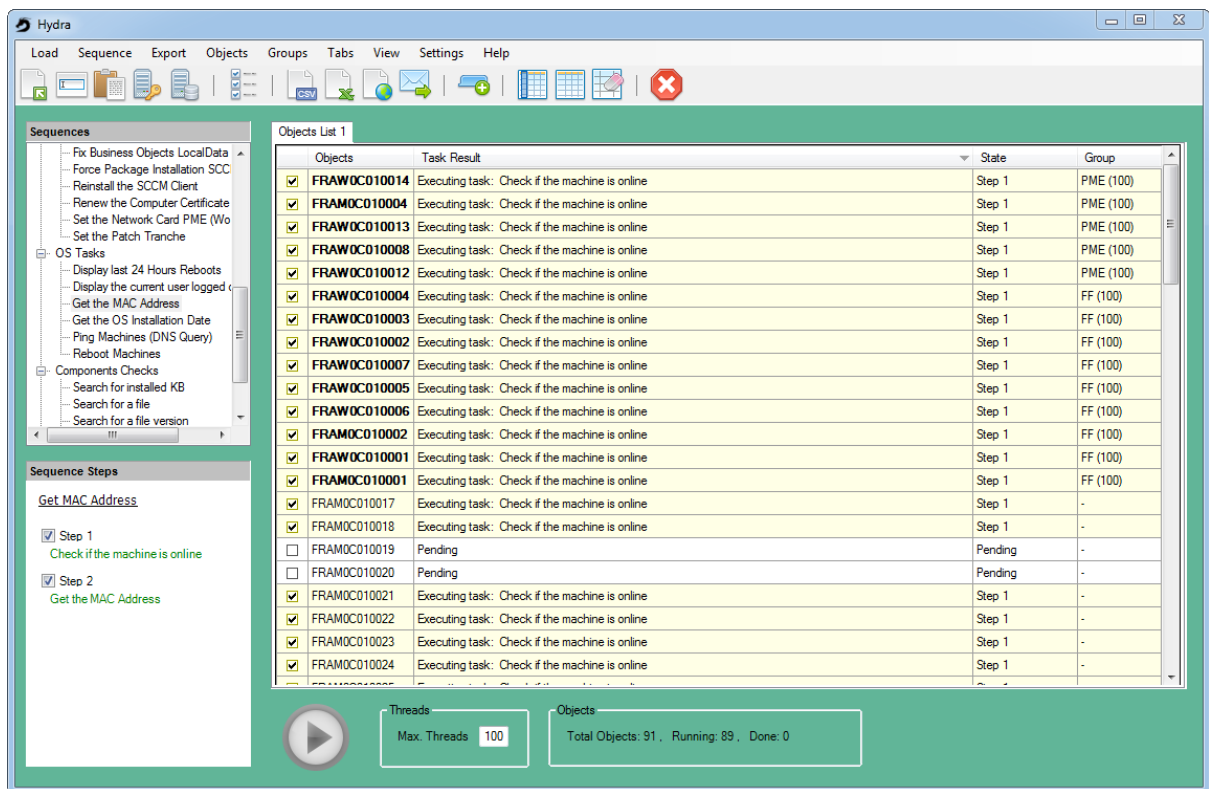
#### Get MAC Address

- ☒ Step 1  
Check if the machine is online
- ☒ Step 2  
Get the MAC Address

### Objects List 1

	Objects	Task Result
<input checked="" type="checkbox"/>	FRAW0C010014	Sequence assigned: Retrieve the PME Settings
<input checked="" type="checkbox"/>	FRAM0C010004	Sequence assigned: Retrieve the PME Settings
<input checked="" type="checkbox"/>	FRAW0C010013	Sequence assigned: Retrieve the PME Settings
<input checked="" type="checkbox"/>	FRAW0C010008	Sequence assigned: Retrieve the PME Settings
<input checked="" type="checkbox"/>	FRAW0C010012	Sequence assigned: Retrieve the PME Settings
<input checked="" type="checkbox"/>	FRAW0C010004	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010003	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010002	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010007	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010005	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010006	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAM0C010002	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAW0C010001	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAM0C010001	Sequence assigned: Check Firefox version
<input checked="" type="checkbox"/>	FRAM0C010017	Pending
<input checked="" type="checkbox"/>	FRAM0C010018	Pending
<input type="checkbox"/>	FRAM0C010019	Pending
<input type="checkbox"/>	FRAM0C010020	Pending
<input checked="" type="checkbox"/>	FRAM0C010021	Pending
<input checked="" type="checkbox"/>	FRAM0C010022	Pending
<input checked="" type="checkbox"/>	FRAM0C010023	Pending
<input checked="" type="checkbox"/>	FRAM0C010024	Pending

Clicking on the Start button executes all the tasks at once:



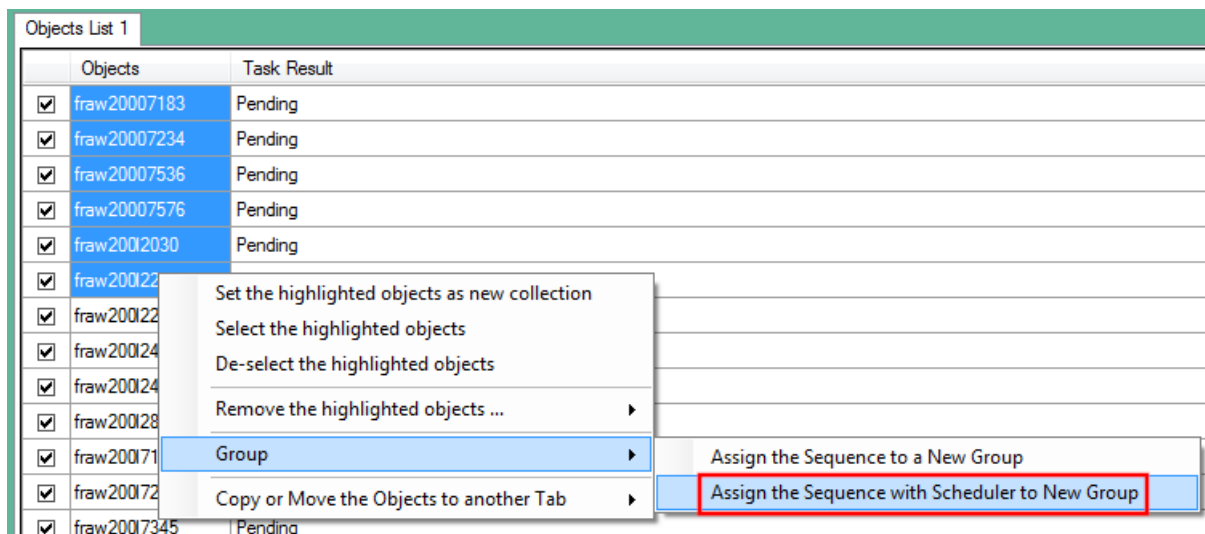
Once finished, the results are:

Objects List 1				
Objects	Task Result	State	Group	
□ FRAW0C010014	EnablePME set to 1	OK	PME (100)	
□ FRAM0C010004	EnablePME set to 1	OK	PME (100)	
□ FRAW0C010013	EnablePME set to 1	OK	PME (100)	
□ FRAW0C010008	EnablePME set to 1	OK	PME (100)	
□ FRAW0C010012	FRAW0C010012 is offline	BREAK at step 1	PME (100)	
□ FRAW0C010004	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAW0C010003	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAW0C010002	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAW0C010007	Firefox 38.3.0	OK	FF (100)	
□ FRAW0C010005	FRAW0C010005 is offline	BREAK at step 1	FF (100)	
□ FRAW0C010006	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAM0C010002	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAW0C010001	No Firefox found -	BREAK at step 2	FF (100)	
□ FRAM0C010001	FRAM0C010001 is offline	BREAK at step 1	FF (100)	
□ FRAM0C010017	10:1F:74:F9:F7:2A (Intel(R) 82579LM Gigabit Network Connection)	OK	-	
□ FRAM0C010018	48:0F:CF:27:1F:76 (Intel(R) Ethernet Connection (3) I218-LM)	OK	-	
□ FRAM0C010019	Pending	Pending	-	
□ FRAM0C010020	Pending	Pending	-	
□ FRAM0C010021	30:8D:99:12:A1:A0 (Intel(R) Ethernet Connection (3) I218-LM)	OK	-	
□ FRAM0C010022	A0:2B:B8:2E:C5:17 (Intel(R) Ethernet Connection I218-LM)	OK	-	
□ FRAM0C010023	28:80:23:03:5B:41 (Intel(R) Ethernet Connection I218-LM)	OK	-	
□ FRAM0C010024	FRAM0C010024 is offline	BREAK at step 1	-	

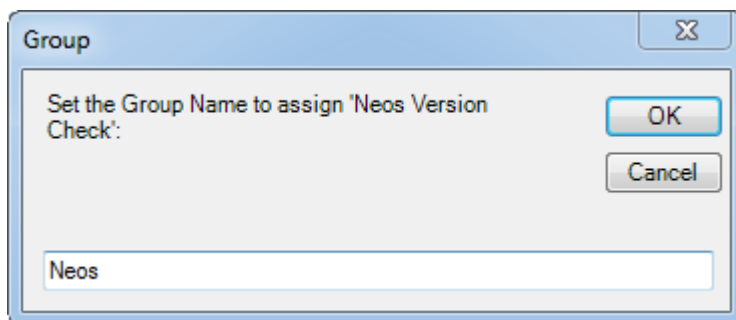
The Group PME has executed the PME check, the Group FF has executed the Firefox check and the Mac Address check has been assigned to the rest of the checked machines.

## Schedulers

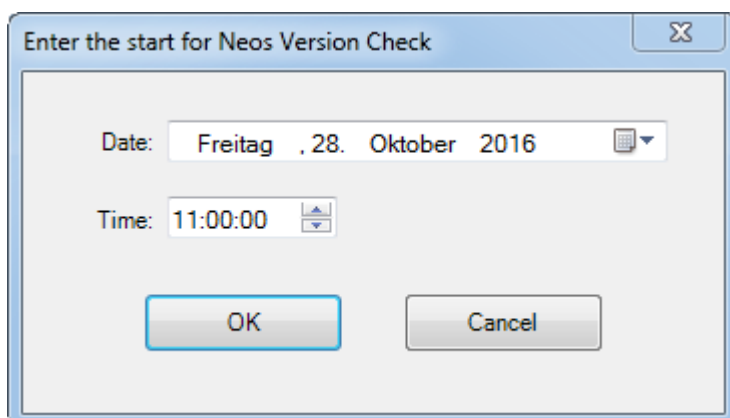
Schedulers can be assigned to groups. At the assignments of a task, select the option *"Assign the Sequence with Scheduler to New Group"*:



The name of the group is prompted:



The start time of the sequence is then prompted:



The time to start is then shown in the state column:

Objects List 1			
	Objects	Task Result	State
<input checked="" type="checkbox"/>	fraw20007183	Sequence assigned: Neos Version Check	11:00:00
<input checked="" type="checkbox"/>	fraw20007234	Sequence assigned: Neos Version Check	11:00:00
<input checked="" type="checkbox"/>	fraw20007536	Sequence assigned: Neos Version Check	11:00:00
<input checked="" type="checkbox"/>	fraw20007576	Sequence assigned: Neos Version Check	11:00:00
<input checked="" type="checkbox"/>	fraw20012030	Sequence assigned: Neos Version Check	11:00:00
<input checked="" type="checkbox"/>	fraw20012256	Sequence assigned: Neos Version Check	11:00:00

To start the countdown, click on the Start button: the time remaining is displayed in the column *State*. At the end of the countdown, the sequence starts automatically:

Objects List 1			
	Objects	Task Result	State
<input checked="" type="checkbox"/>	fraw20007183	Sequence assigned: Neos Version Check	00:03:14
<input checked="" type="checkbox"/>	fraw20007234	Sequence assigned: Neos Version Check	00:03:14
<input checked="" type="checkbox"/>	fraw20007536	Sequence assigned: Neos Version Check	00:03:14
<input checked="" type="checkbox"/>	fraw20007576	Sequence assigned: Neos Version Check	00:03:14
<input checked="" type="checkbox"/>	fraw20012030	Sequence assigned: Neos Version Check	00:03:14
<input checked="" type="checkbox"/>	fraw20012256	Sequence assigned: Neos Version Check	00:03:14
<input type="checkbox"/>	fraw20012261	fraw20012261 is offline	BREAK at step 1
<input type="checkbox"/>	fraw20012400	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw20012402	Neos 1.5 Upgrade	OK
<input type="checkbox"/>	fraw20012800	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw20017195	fraw20017195 is offline	BREAK at step 1
<input type="checkbox"/>	fraw20017268	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw20017345	Neos 1.5 Upgrade	OK
<input type="checkbox"/>	fraw20017711	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw200v6004	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw200v6018	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw200v6019	Not 1.5	BREAK at step 2
<input type="checkbox"/>	fraw200v6020	Not 1.5	BREAK at step 2

## Re-assignments

New sequences can be re-assigned at any time. For this, you can reuse a right click on the objects and choose "Assign the Sequence to a new Group", or use a right click on the new sequence you want to assign:

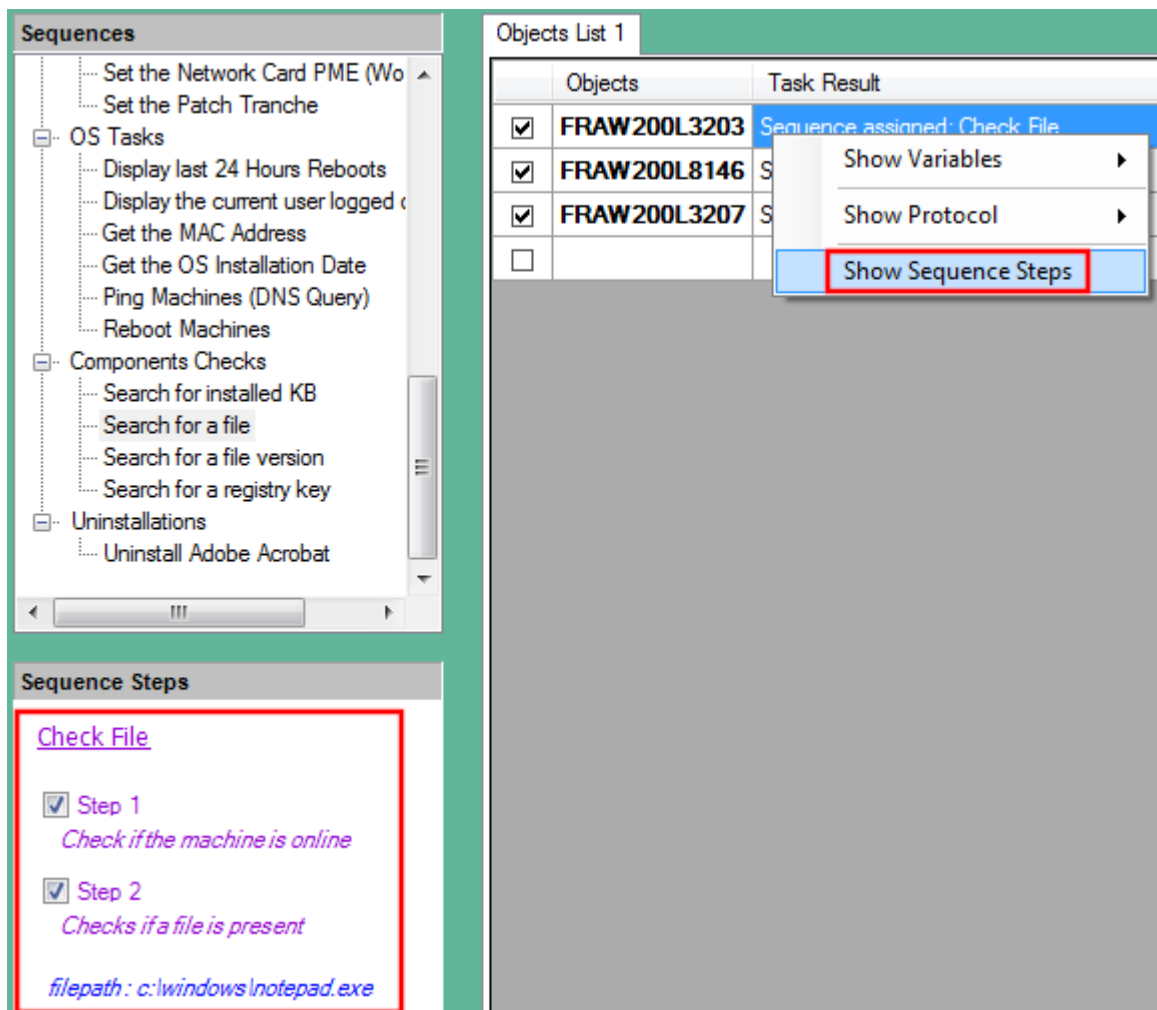
**Sequences**

- Force Package Installation SCCM
- Reinstall the SCCM Client
- Renew the Computer Certificate
- Set the Network Card PME (Wo
- Set the Patch Tranche
- OS Tasks
  - Display last 24 Hours Reboots
  - Display the current user logged c
  - Get the MAC Address
  - Get the OS Installation
  - Ping Machines (I
  - Reboot Machines
- Components Checks

Objects List 1		
	Objects	Task Result
<input type="checkbox"/>	fraw20007183	fraw20007183 is
<input type="checkbox"/>	fraw20007234	No Firefox found
<input type="checkbox"/>	fraw20007536	No Firefox found
<input type="checkbox"/>	fraw20007576	No Firefox found
<input type="checkbox"/>	fraw20012030	fraw20012030 is
<input type="checkbox"/>	fraw20012400	Pending
<input type="checkbox"/>	fraw20012402	Pending

Assign to ...
Assign With Scheduler to ...
FF
Pending

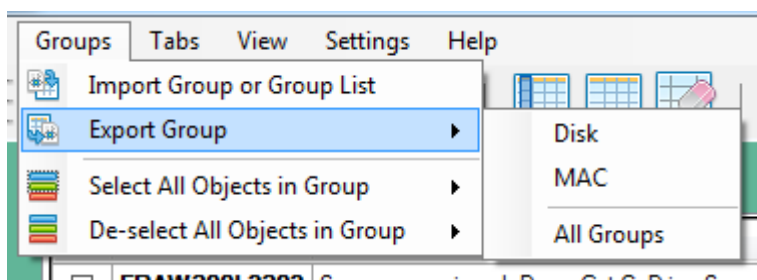




## Import/Export

Groups can be exported and imported. An exported group is an xml file containing all information relative to a group like its group members and its sequence associated.

To export one or several groups, click on *Groups -> Export Group*, and select the group to export.



Single groups are saved in files with the extension group.xml.

Collections of groups are saved in files with the extension .grouplist: these files store the path of the corresponding group.xml files.

To import exported groups or list of groups, use the corresponding Import option.



## Queries

AD and SCCM queries can be performed to get lists of machines, users, groups...

### AD Queries

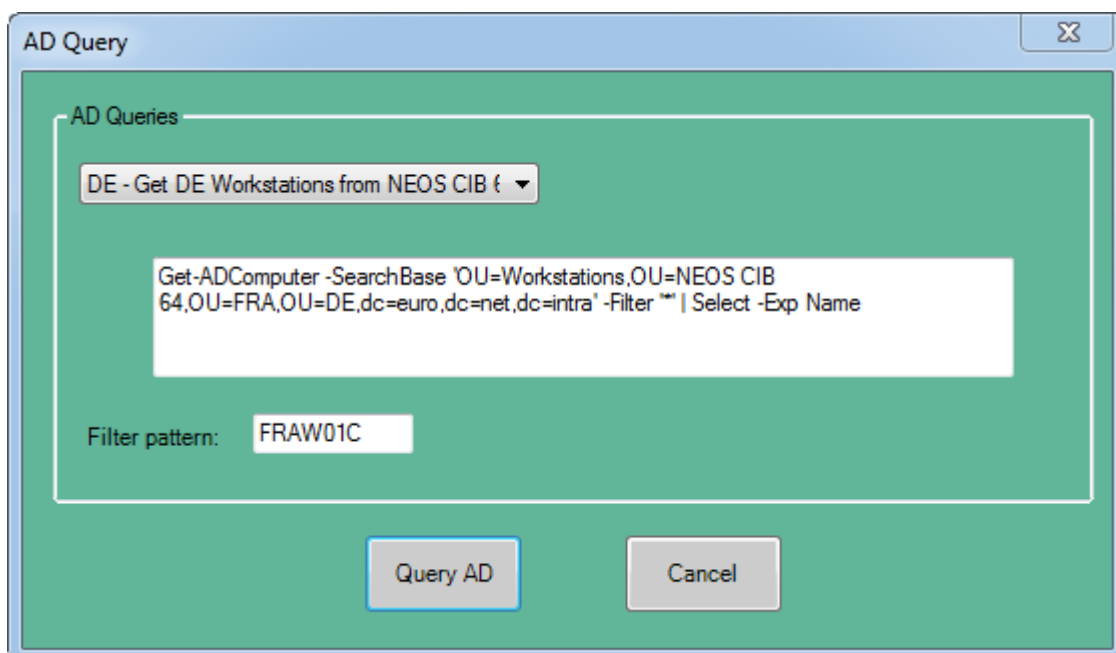
To perform an AD Query, use the option Query AD in the menu Load. You need to use a Powershell command like Get-ADComputer, or Get-ADUser, returning objects with single properties. For example:

```
Get-ADComputer -SearchBase 'OU=Workstations,OU=NEOS CIB  
64,OU=VIE,OU=AT,dc=euro,dc=net,dc=intra' -Filter '*' | Select -Exp Name
```

To avoid having to search for the correct syntax, some queries can be predefined in the file .\Settings\Hydra\_ADQueries.qry, (or Hydra\_ADQueries\_CC.qry, where CC is the country code). The format of the lines in this file is:

```
<Query name1 to display in the combobox>;<Powershell command1>  
<Query name2 to display in the combobox>;<Powershell command2>
```

Once defined, you can select the command in the list, modify it if needed, and also apply a pattern to filter only some objects:



### Query SCCM

To perform SCCM queries, you need at least Read permissions on the SCCM database you want to query. SCCM queries only return machines as objects.

You need to know the name of the server you want to query, as well as its side code. This information can be entered manually, or selected in a predefined list. This list is located in .\Settings\Hydra\_Countries.sccm (or Hydra\_Countries\_CC.sccm, where CC is the country code).

The format of the lines in this file is:

<Country1>;<Servername1>;<Site code1>

<Country2>;<Servername2>;<Site code2>

If you select a country in the dropdown list, its respective SCCM server name and site code are filled.  
You can then make a query based on machine name pattern, IP, or enter a manual query like:

```
SELECT DISTINCT *  
FROM SMS_R_System  
WHERE SMS_R_System.Name IS LIKE 'FRAW20008%'
```

SCCM Query

SCCM Options

Country: Germany

SCCM Server: FRAS000SCC01

Site Code: C0D

Scan - SCCM Query

☒ Query Objects Names

Name pattern: FRAW0C0

☐ Query Objects IP

IP pattern:

☐ Enter a Manual Query

Query

Cancel