



## Question:

How to switch emulation pages (reference/working page) via ASAP3?



## Answer:

There is an ASAP3 command which allows switching between emulation pages:  
**Command 202 EXTENDED ExecuteService**

It is strongly recommended to assign a LUN (Logical Unit Number) to the corresponding ECU in the first instance, in order to avoid switching the current page in a wrong module.

This assignment is obligatory as soon as more than one ECU is in use.

Switch Emulation Page service simply switches to the given emulation page for the device which is identified by the given LUN:

The service "Switch Emulation Page" requires the following parameters:

```
LUN: <valid LUN number>; PAGE: <valid page number>
```

The service returns an empty string, i.e. there is no dedicated confirmation for the execution of the command.

**Valid page numbers are:**

**0 = working page**

**1 = reference page**

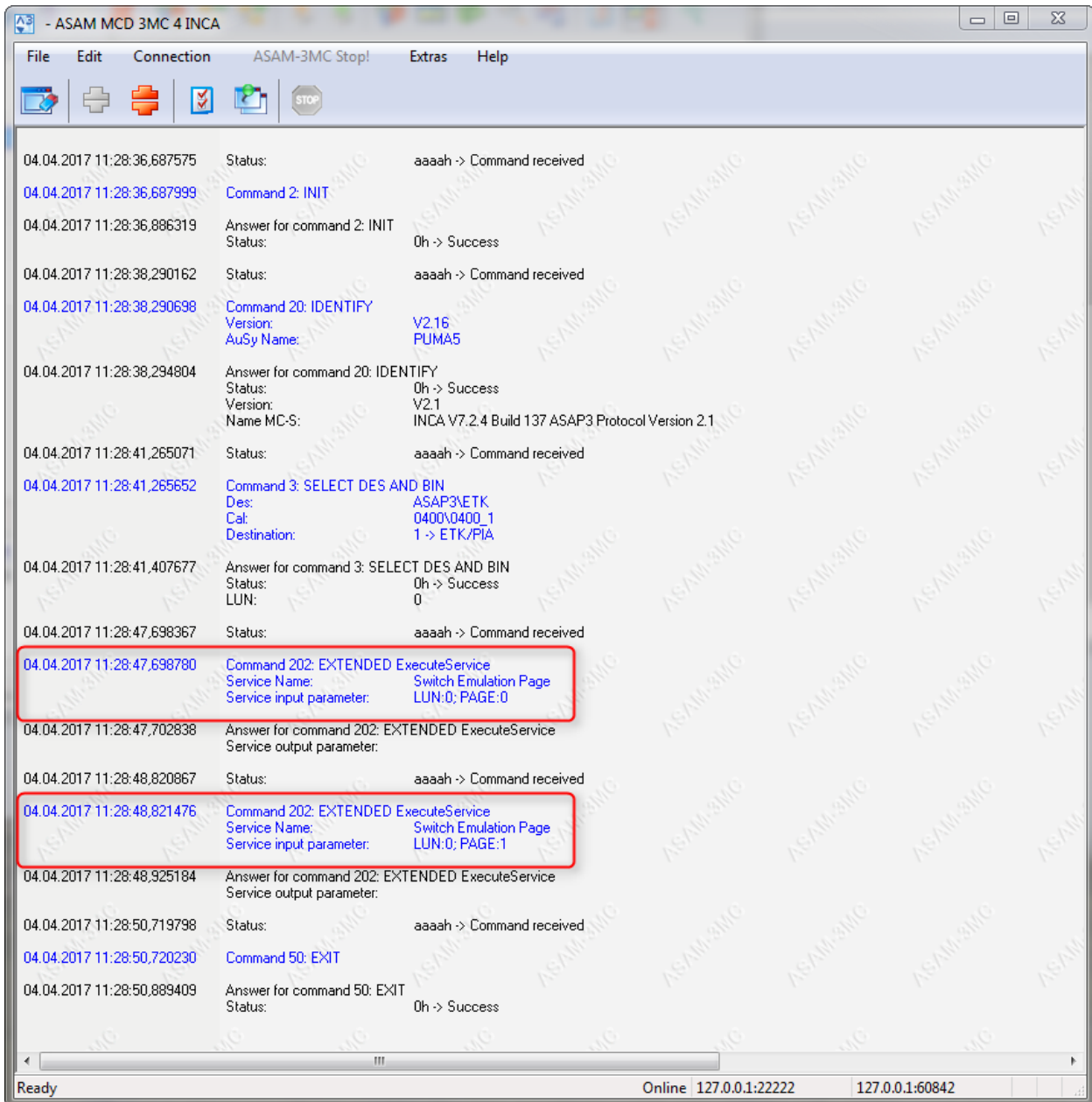
**The following ASAP3 sequence is recommended:**

- INIT
- IDENTIFY
- SELECT DES AND BIN -> 1<sup>st</sup> ECU, 2<sup>nd</sup> ECU...
- SWITCHING OFFLINE/ONLINE
- EXTENDED ExecuteService (LUN:X; PAGE:0/1)
- EXIT

Optionally it is possible to call following two commands in advance

- \*EXTENDED QueryAvailableServices
- \*EXTENDED GetServiceInformation

See the example of such ASAP3 Sequence below:



The screenshot shows the ASAM MCD 3MC 4 INCA software interface. The window title is "- ASAM MCD 3MC 4 INCA". The menu bar includes File, Edit, Connection, ASAM-3MC Stop!, Extras, and Help. The toolbar contains icons for a folder, a printer, a stop sign, a checkmark, a refresh, and a stop sign. The main area displays a log of commands and responses. Two entries for "Command 202: EXTENDED ExecuteService" are highlighted with red boxes.

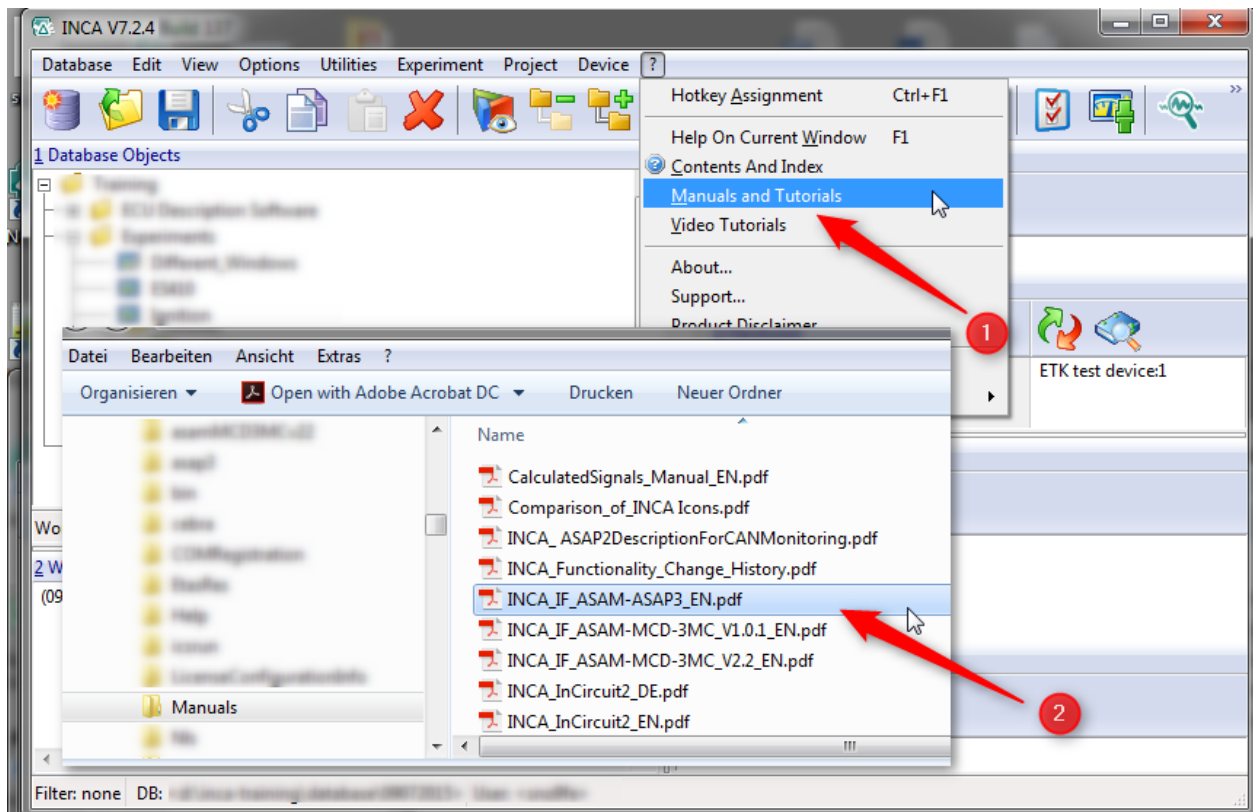
Timestamp	Command	Status	Response
04.04.2017 11:28:36,687575		aaaah ->	Command received
04.04.2017 11:28:36,687999	Command 2: INIT		
04.04.2017 11:28:36,886319	Answer for command 2: INIT	0h ->	Success
04.04.2017 11:28:38,290162		aaaah ->	Command received
04.04.2017 11:28:38,290698	Command 20: IDENTIFY		Version: V2.16 AuSy Name: PUMA5
04.04.2017 11:28:38,294804	Answer for command 20: IDENTIFY	0h ->	Success Version: V2.1 Name MC-S: INCA V7.2.4 Build 137 ASAP3 Protocol Version 2.1
04.04.2017 11:28:41,265071		aaaah ->	Command received
04.04.2017 11:28:41,265652	Command 3: SELECT DES AND BIN		Des: ASAP3VETK Cal: 0400V0400_1 Destination: 1 -> ETK/PIA
04.04.2017 11:28:41,407677	Answer for command 3: SELECT DES AND BIN	0h ->	Success LUN: 0
04.04.2017 11:28:47,698367		aaaah ->	Command received
04.04.2017 11:28:47,698790	Command 202: EXTENDED ExecuteService		Service Name: Switch Emulation Page Service input parameter: LUN:0; PAGE:0
04.04.2017 11:28:47,702838	Answer for command 202: EXTENDED ExecuteService		Service output parameter:
04.04.2017 11:28:48,820867		aaaah ->	Command received
04.04.2017 11:28:48,821476	Command 202: EXTENDED ExecuteService		Service Name: Switch Emulation Page Service input parameter: LUN:0; PAGE:1
04.04.2017 11:28:48,925184	Answer for command 202: EXTENDED ExecuteService		Service output parameter:
04.04.2017 11:28:50,719798		aaaah ->	Command received
04.04.2017 11:28:50,720230	Command 50: EXIT		
04.04.2017 11:28:50,889409	Answer for command 50: EXIT	0h ->	Success

Ready Online 127.0.0.1:22222 127.0.0.1:60842



### Additional information:

For more information see also ASAP3 documentation which is available via INCA main menu "?":



## In case of further questions:

You will find further FAQ here: [www.etas.com/en/faq](http://www.etas.com/en/faq)

Please feel free to contact our Support Center, if you have further questions.

Here you can find all information: <http://www.etas.com/en/hotlines.php>

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