JAM file instructions

1. Start Quartus software and open a file router_fpga_jamplayer_sof.cdf or
    router_fpga_jamplayer_pof.cdf

http://mkrivda.web.cern.ch/mkrivda/router_fpga_jamplayer_sof.cdf
http://mkrivda.web.cern.ch/mkrivda/router_fpga_jamplayer_pof.cdf
(Inside this file is description of jtag chain on the Router - there must be only 8 Altera devices)

- If you have an error when you open this file, than open this file with text editor in example
   WORDPAD and correct path to SOF or POF files inside this file.

2. click on appropriate Altera device and then click on button "Change file", than you need to choose
    right .sof or .pof file

You can`t mix .sof and .pof files in one JAM file !!!

The example of jtag chain:

1. router_fpga_v25.sof
2. empty
3. rx_altera_1_core_ver1_v24.sof
4. empty
5. rx_altera_1_core_ver1_v24.sof
6. empty
7. rx_altera_1_core_ver1_v24.sof
8. empty

3. in Quartus go to file->create/update->create Jam,SVF, or ISC file...

- put name of jam file in example "router_fpga_jamsof_ver25_V24.jam" and click on button OK.

- it will generate .jam file

4. Program SPD Routers via Labview or other software

- choose programming file (.jam) and choose Action (Configure/Program)

- for router_fpga_jamsof_ver25_V24.jam (programming file for FPGAs) you need to choose action
"Configure"

 - for router_fpga_jampof_ver25_V24.jam (programming file for EPROMs) you need to choose
action **"Program"**