



DSP MATlab

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MATlab

- Matrix laboratorie
- Altera Quartus V12.1(13.1)
- Altera DSP Builder
- Altera Modelsim



Opstart af MATLAB sammen med DSP builder



Opstart af MATLAB sammen med DSP Builder

- **setup_dsp_builder** + F9
- **setup_dspba** + F9
- Hvis det ikke virker, så se næste side!



Opstart af MATLAB sammen med DSP Builder

- Here is the manual steps to run the DSP builder in Matlab R2013b:
- 1. Go to the Environment Variable to set the following two items:
 - Variable: DSP_BUILDER_ROOT
Value: "installation path"\13.1\quartus\dsp_builder
 - Variable: DSPBA_ROOT
Value: "installation path"\13.1\quartus\dspba



Opstart af MATLAB sammen med DSP Builder

- 2. Open Matlab normally (without using DSP Builder Shortcut)
- 3. Change the directory to "installation path"\13.1\quartus\dsp_builder and run **setup_dsp_builder**
- 4. Change the directory to "installation path"\13.1\quartus\dspba and run **setup_dspba**
- 5. If you want the paths to be permanently modified; then afterwards go to Set Path and Save.



Være opmærksom på!!!

- Der må ikke stå mere en 2 liner, når MATLAB startes op.



The screenshot displays the MATLAB R2013b software interface. The top menu bar includes options like HOME, PLOTS, and APPS. The main workspace is divided into several panes:

- Current Folder:** Shows a file explorer view with files named `audio_delay_first.mdl` and `audio_delay_first_setup.m`.
- Command Window:** Contains the following text:

```
New to MATLAB? Watch this Video, see Examples, or read Getting Started.  
  
This is a Classroom License for instructional use only.  
Research and commercial use is prohibited.  
  
fx >>
```
- Workspace:** An empty table with columns for Name, Value, Min, and Max.
- Command History:** Shows a single entry: `-- 27-02-2014 11:04 --`

The Windows taskbar at the bottom shows the system tray with the date 27-02-2014 and time 12:07.