

Getting yourself organized with OrgMode

E07S04 - Source code in OrgMode

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April 20, 2017

Prerequisites

The language that you want to use must be customized in the variable `org-babel-load-languages`.

For this snippet we have added the following languages:

- `shell` (for shell snippets)
- `dot` (for GraphViz code)

Special thanks to Alex Koval for pointing me at the Video about "Literate Devops" which was very helpful for me.

Shell code in OrgMode

To enter a source code block in an org file you have to type `<s` and press the tab button. This will expand to

```
#+BEGIN_SRC
```

```
#+END_SRC
```

you can then add shell as a language and put shell code in the code block

Shell parameters

The `:results` parameter shows how the results are shown:

Value	Meaning
<code>:raw</code>	Shows the raw results
<code>:table</code>	Shows the results as a table
<code>:list</code>	Shows the results as a list
<code>:silent</code>	Don't show results

A Graphviz example

GraphViz is a tool to draw graph. We used the following start of the code block:

```
#+BEGIN_SRC dot :file graph.png :cmdline -Kdot -Tpng
```

Param	Meaning
:file	is the file that we create with Graphviz
:cmdline	-Kdot means we call the dot utility -Tpng means we output in PNG format