Contents

```
require 'date'
"This file was laste evaluated on #{Date.today}"
```

```
ls -la
```

1 Source code execution

1.1 Ruby

```
require 'date'
"This file was last evaluated on #{Date.today}"
```

1.2 Shell

In the Org-mode file:

```
echo "This file takes up 'du -h 01-code-blocks.org |sed 's/\([0-9k]*\)[ ]*org-babel.org
```

1.3 R

What are the most common words in this file? In the Org-mode file:

```
words <- tolower(scan("intro.org", what="", na.strings=c("|",":")))
t(sort(table(words[nchar(words) > 3]), decreasing=TRUE)[1:10])
```

HTML export of code:
    words <- tolower(scan("intro.org", what="", na.strings=c("|",":"))) t(sort(table(words[nchar(words) > 3]), decreasing=TRUE)[1:10])

1.4 python function

```
return a * b
```

```
32
```

```
27
```

2 complex example with table as input

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20

```
(defun fibonacci (n)
  (if (or (= n 0) (= n 1))
      n
    (+ (fibonacci (- n 1)) (fibonacci (- n 2)))))

(mapcar (lambda (row)
  (mapcar #'fibonacci row)) fib-inputs))
```

3 in-line code blocks

```
= {{{results(=40)}}}
```

4 meta-programming language for org-mode

```
cd ~ && du -sc * | grep -v total
```

```
pie(dirs[,1], labels=dirs[,2])
```