markdeck

collaborative slide editing made easy

arne@hilmann.de · 2018-12

features

converts markdown to complex
HTML5 slides

should run on all *nix platforms,
windows and MacOS

features, contd.

cool · graphical · easy · robust · collaborative · adaptable

cool looking

leverages battle-proven
HTML5 presentation frameworks:

revealjs · impressjs

graphical

content as markdown

incl unicode, emojis, font-awesome: ❤️ 😎 🖥

images as asciiart

charts, diagrams, graphs, math, …

easy

completely text-based
use your preferred editor/IDE

auto-reload ► fast feedback

robust

modify and present your slides *without* internet uplink

collaborative

presentation-as-code

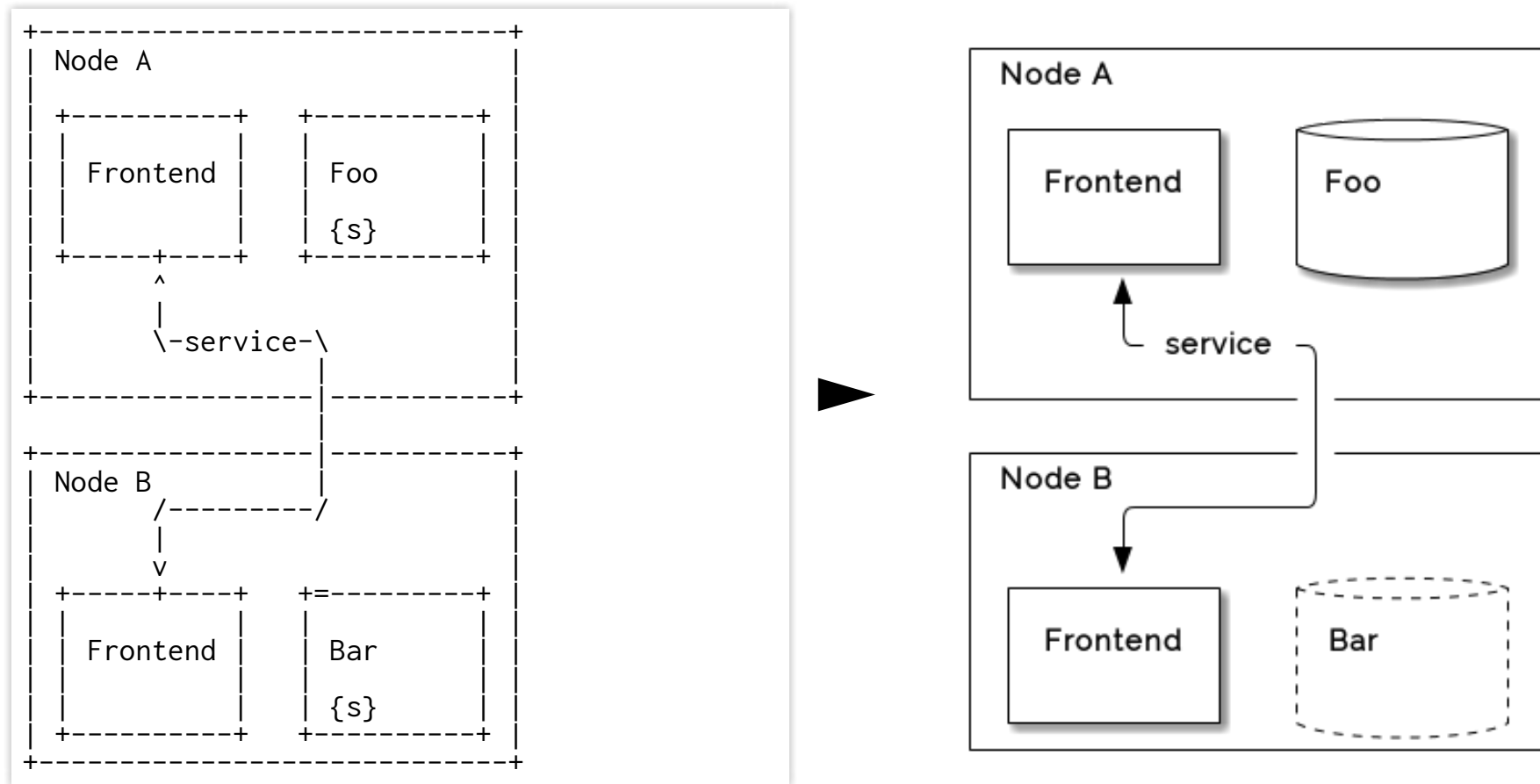use your normal version control system

adaptable

you can always fall back to
plain HTML/CSS

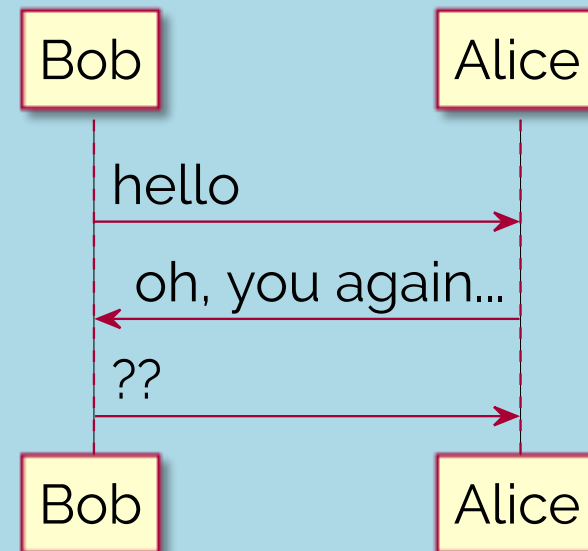# example: code, highlighted

```java
public class Example {
    public static final void main(String[] args) {
        // foo
        System.out.println("Hello World");
    }
}
```
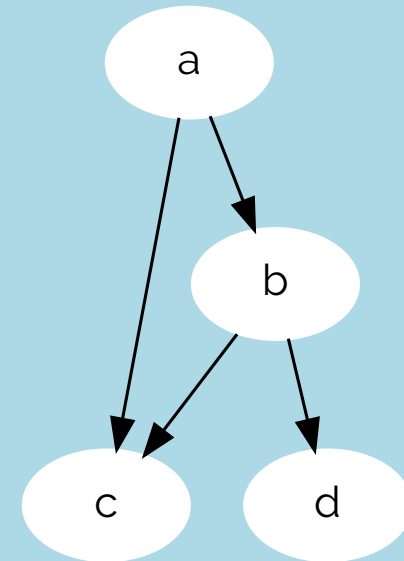
example: asciiart (ditaa)

```
+-------------------------------------+
| Node A                              |
|   +------------+   +------------+    |
|   |            |   |            |    |
|   | Frontend   |   | Foo        |    |
|   |            |   |            |    |
|   |            |   | {s}        |    |
|   +-----+------+   +------------+    |
|         ^                           |
|         |                           |
|       \-service-\                   |
|                 |                   |
+-----------------|-------------------+
+-----------------|-------------------+
| Node B          |                   |
|      /----------/                   |
|      |                              |
|      V                              |
|   +-----+------+   +=-----------+    |
|   |            |   |            |    |
|   | Frontend   |   | Bar        |    |
|   |            |   |            |    |
|   |            |   | {s}        |    |
|   +------------+   +------------+    |
+-------------------------------------+
```

▶

example: asciiart (plantuml)

```
@startuml
Bob->Alice : hello
Alice->Bob : oh, you again...
Bob->Alice : ??
@enduml
```
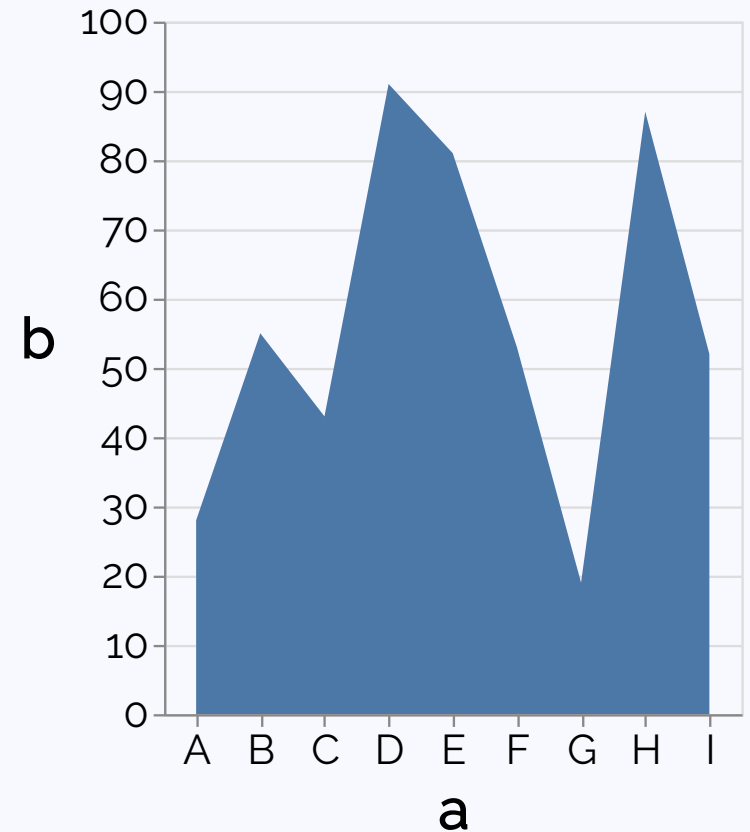
►

example: asciiart (graphviz)

```
digraph G {
    bgcolor=transparent;
    node [style=filled,color=white];

    a -> b -> c;
    a -> c;
    b -> d;
}
```
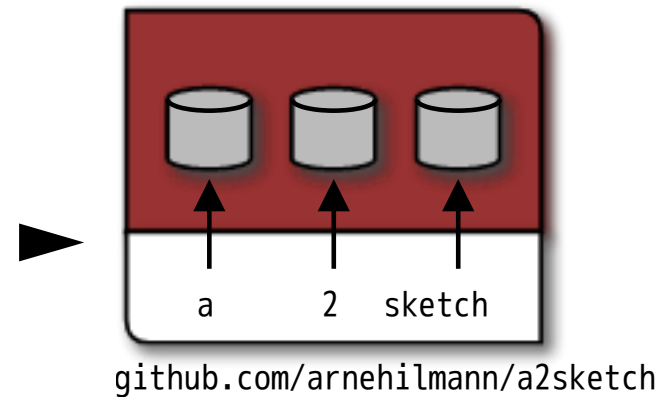
example: charts (vega-lite)

```json
{
    "$schema": "https://vega.github.io/schema/vega-lite/v2.0.json",
    "data": {
        "values": [
            {"a": "A","b": 28}, {"a": "B","b": 55}, {"a": "C","b": 43},
            {"a": "D","b": 91}, {"a": "E","b": 81}, {"a": "F","b": 53},
            {"a": "G","b": 19}, {"a": "H","b": 87}, {"a": "I","b": 52}
        ]
    },
    "width": 600,
    "height": 300,
    "mark": "area",
    "encoding": {
        "x": {"field": "a", "type": "ordinal"},
        "y": {"field": "b", "type": "quantitative", "scale": {"domain": [0, 100]
    }
}
```
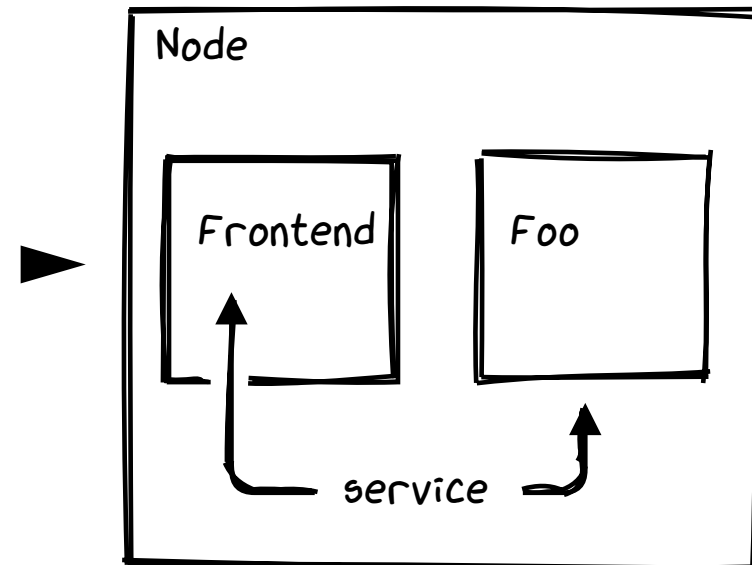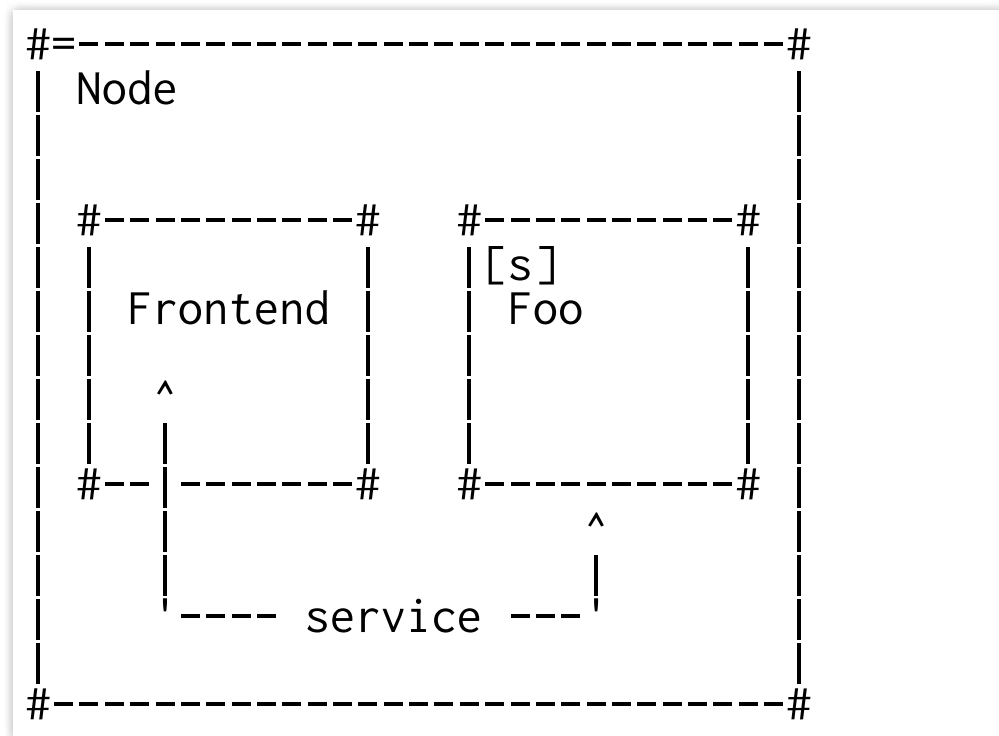
▶

example: asciiart (a2s)

```
#-------------------.
|[0]                |
| .---# .---# #---. |
| |[1]| |[1]| |[1]| |
| #---' #---' '---# |
|   ^     ^     ^   |
#---+-----+-----+---#
|   |     |     |   |
|   a     2   sketch|
'-------------------#
github.com/arnehilmann/a2sketch

[0]: {"fill": "#933"}
[1]: {"fill": "#bbb"}
```

►

github.com/arnehilmann/a2sketch

example: asciiart (sketchy)

```
#=----------------------------#
| Node                        |
|                             |
|   #----------#   #----------#
|   |          |   |[s]       |
|   | Frontend |   | Foo      |
|   |          |   |          |
|   |    ^     |   |          |
|   #----|-----#   #----------#
|        |                ^
|        |                |
|         ---- service ---
|                             |
#-----------------------------#
```

example: math equations

```
$a^2 + b^2 = c^2$
```

$$a^2 + b^2 = c^2$$

```
$$e = \mathop
    {\lim }\limits_{n \to \infty }
    \left( {1 + \frac{1}{n}} \right)^n$$
```

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n} \right)^n$$

example: terminal session (asciinema)

```
arne@elk ~ % tadahh
zsh: command not found: tadahh
127 arne@elk ~ % echo na mal sehn ob das funzt                    :(
na mal sehn ob das funzt
arne@elk ~ % cowsay tadahh
 _____
< tadahh >
 --------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
                ||----w |
                ||     ||
arne@elk ~ % # bye
arne@elk ~ %
```
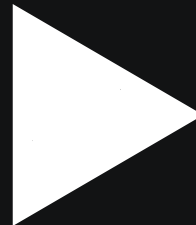
00:00

Thank You!

pandoc • reveal.js • impress.js

plantuml • ditaamini • graphviz • asciinema

decktape • vega-lite • math-jax • font awesome

🙃

graphviz
GRAPHS
DITAA
onthefly
using
files
BOXES
sources
based
ditaamini
asciiart
sessions
changing
ONS
reves
TERMINAL
ARKDECK
markdow
docker
ui
MARKDECK
CHARTS
vegalite
ar
decks
201801
THANK
mathjax
create
slide
GITHUB
hema
emojis
plantuml
decktape
supports
UML
FEATURES
whole
githubcomarnehilmannmarkdeck
pandoc
CHARTS