

REVEALS
INTRODUCTION
BY KNECHT

**WHY
REVEAL?**

DO YOU KNOW THIS?

Who is Doing What Well?

Green Buildings

- Energy-efficient buildings proved their worth (TI, Intel, Cymer, etc.)
 - Energy savings
 - Better resource use
 - Increased value at sale
- Metrics for credits?
 - Carbon storage
 - Energy generation
 - Selling wastestream
- ASTM E06 committee
 - Buildings first
 - Products next
- ANSI EPA Off to Races

Green Products

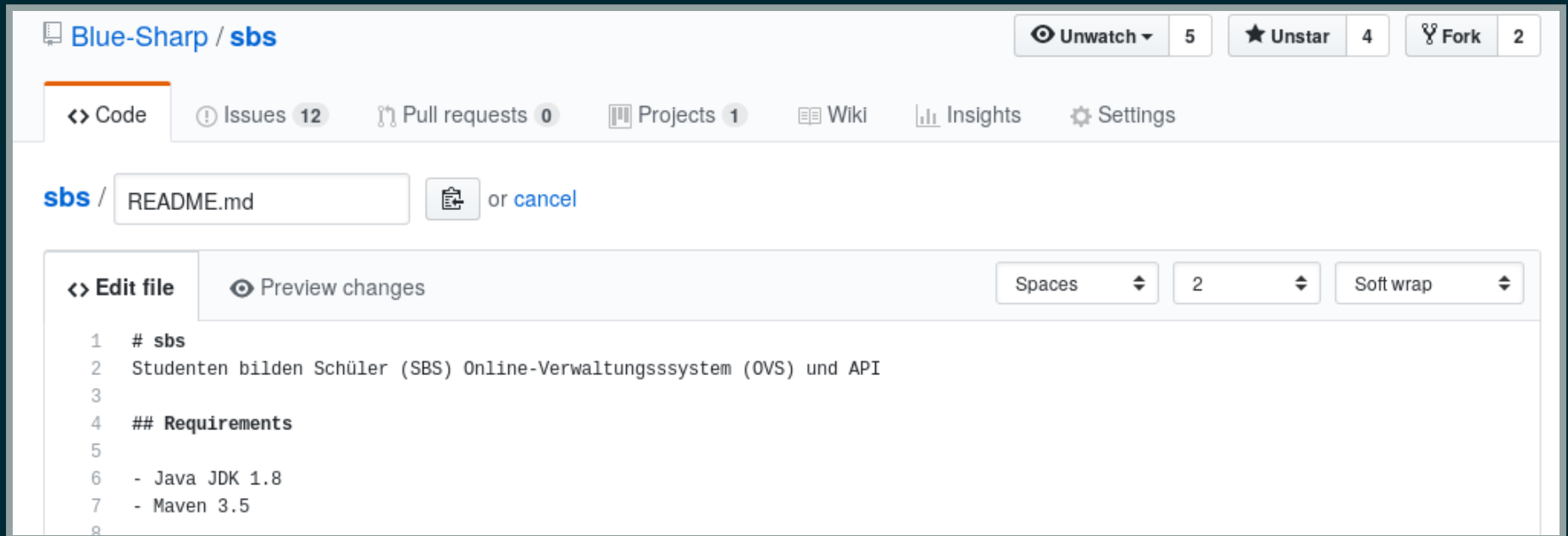
- SEMI members- many "one-attribute" standards to use
 - S23-0708 (Energy efficient)
 - S16-0307 (End of Life)
 - GRI G3 Guidelines
- ANSI "sustainable" SDOs in high-tech arena
 - ASTM - Products Next
 - IEEE - Ad hoc 2/09 Sustainability + Earth-monitoring network
 - Leonardo Academy - SCS-002 "LCA label"
 - Gives 25% of seat to environmentalists
 - Accreditation challenged

HOW TO DIFF?



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DO YOU KNOW THIS?



HOW ABOUT THAT?

HTML



CSS



JS



source

WEBTECHNOLOGIES + MARKUP LANGUAGE
= ???

REVEALS

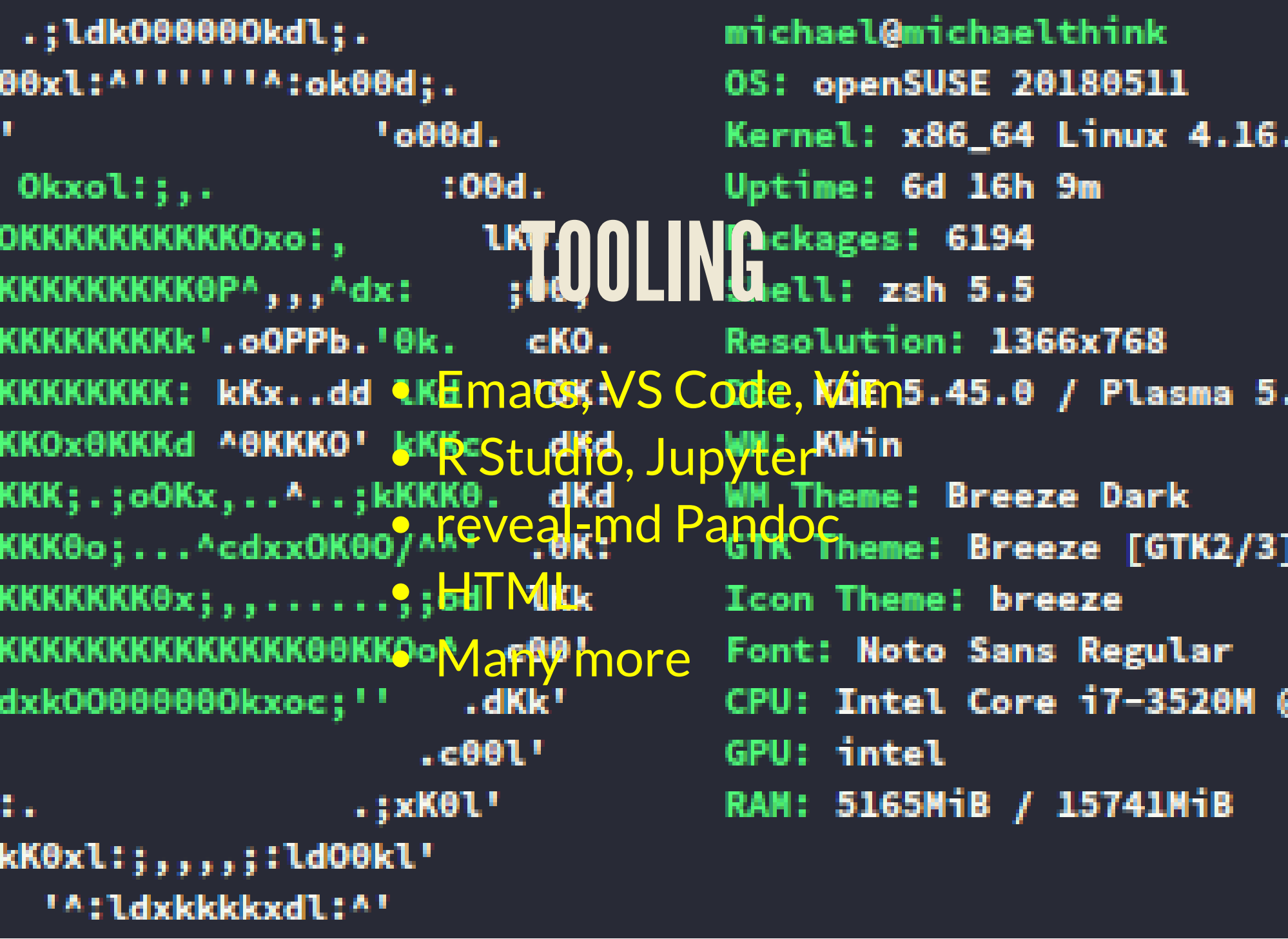
WHAT IS THAT?

- Framework for HTML presentations
- Support for Markdown, orgmode, rST, and more
- Speaker notes, pdf export, API, and more

SYNTAX

```
0  ---
1  theme : "moon"
2  transition: "zoom"
3  highlightTheme: "darkula"
4  slidenumber: true
5
6  ---
7
8  # Revealjs <br> Quickstart
9
10 ---
11
12 # Why <br> Reveal?
13
14 ---
15
16 ## Do you know this?
17
18  <!-- .element height="750%" width="75%" -->
19
```

source of this presentation and a slightly more extensive example



TOOLING

- Emacs, VS Code, Vim
- R Studio, Jupyter
- reveal-md Pandoc
- HTML
- Many more

PANDOC EXAMPLE

```
pandoc -t revealjs -s -o myslides.html myslides.md \  
-V revealjs-url=http://lab.hakim.se/reveal-js
```

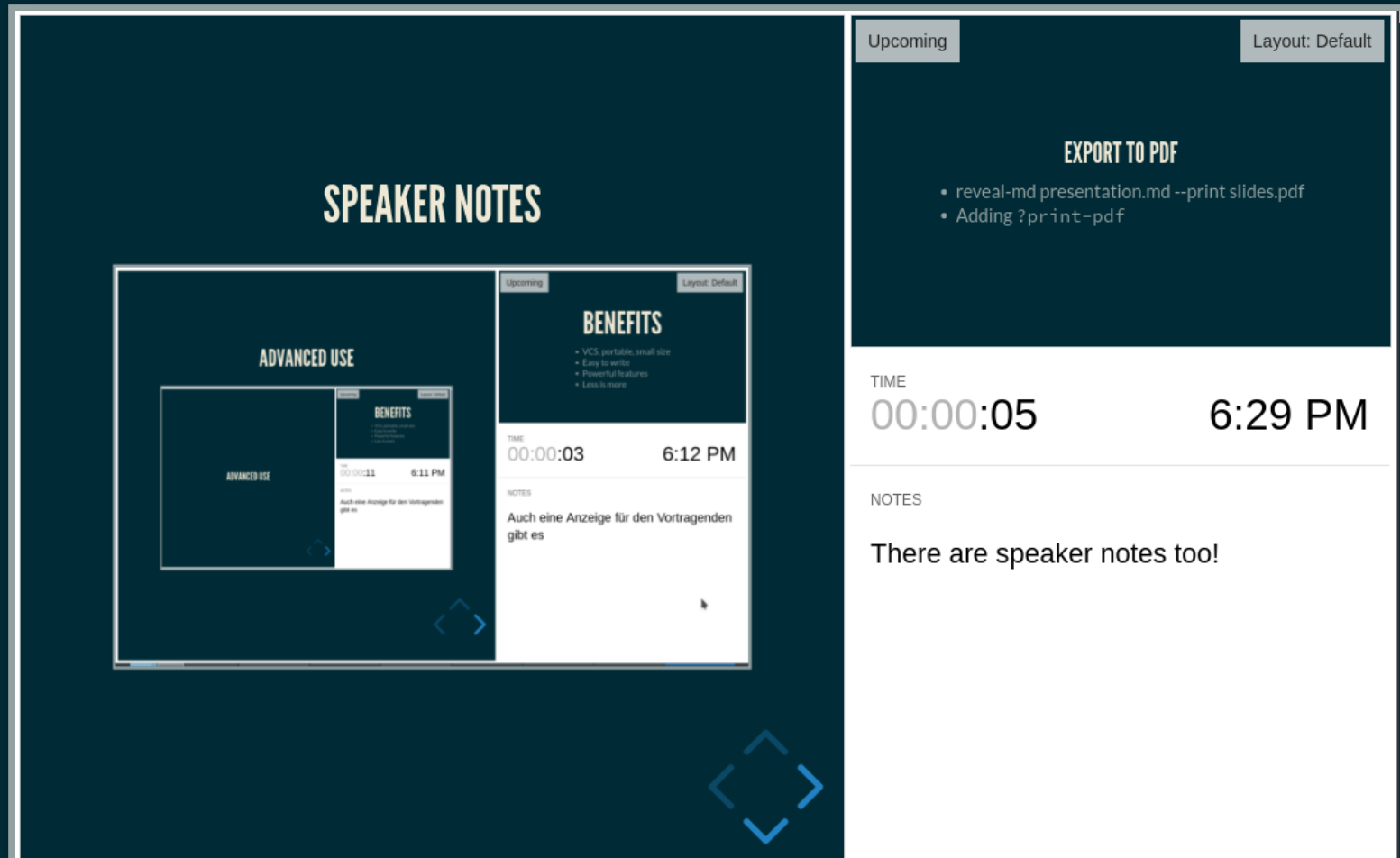
REVEAL-MD EXAMPLE

```
npm i -g reveal-md  
reveal-md presentation.md --static public
```


REVEALJS & GITLAB WORKFLOW

1. VS Code editing
2. Export with reveal-md
3. Push changes to Gitlab
4. Triggering **Gitlab CI**

SPEAKER NOTES



Speaker notes

There are speaker notes too! These require a webserver (no static files)

PDF EXPORT

- `reveal-md presentation.md --print slides.pdf`
- With `vscode-reveal`
- Adding `?print-pdf-now` manually
- Pandoc

This presentaion as PDF

Speaker notes

First requires Puppeteer installed second works for now only with Chrome

BENEFITS

- VCS, portable, small size
- Easy to write
- Powerful features
- Less is more

TO BE CONSIDERED

- No diagrams ootb
- Image sizing/alignment tricky
- Additional export
- Basic HTML knowledge required
- Browser compatibility

ALTERNATIVES

- Impressjs
- Remark
- Shower
- Latex Beamer
- Prezi

LINKS

- [Revealjs](#)
- [Visual Studio Code](#)
- [Emacs](#)
- [Pandoc](#)
- [reveal-md](#)
- [Gitlab Pages](#)

THANKS !