

J'ai fait mes slides !

2024-06-27

Guilhem Saurel

```
\documentclass[11pt]{report}  
\usepackage[latin1]{inputenc}  
\usepackage[francais]{babel}  
  
\begin{document}  
Hello Capitoul !  
\end{document}
```

```
\documentclass{beamer}  
  
\title{my document title}  
\author{Me}  
  
\begin{document}  
  \begin{frame}{my slide title}  
    \begin{itemize}  
      \item bla bla  
      \item blah  
    \end{itemize}  
  \end{frame}  
\end{document}
```

```

\defbeamertemplate*{frametitle}{laas}[1][] {
  \vskip.5cm%
  \begin{beamercolorbox}[wd=\paperwidth,ht=0cm]{fram
    \begin{tikzpicture}
      \useasboundingbox[fill=white](0,0) rectangle(11.65,0.6)
      \node[inner sep=0pt] (laas) at (1,0.6) {
        \includegraphics[height=1cm]{LogoLAAS-2016.p
        \fill[color=laasbleuclair] (1.98,0) rectangle(11.65,0.6)
        \fill[color=laasbleuanthracite] (2,0) rectangle(11.65,0.6)
        \fill[color=white] (1.99,0.1) rectangle(12.65,0.6)
        \node[color=laasbleuclair,anchor=west,font=\la
          \insertframetitle };
      \end{tikzpicture}
    \end{beamercolorbox}
}

```

```
---  
title: my document title  
author: me  
---
```

```
# my slide title
```

- bla bla
- blah

```
SOURCES = $(wildcard talks/*.md)
OUTPUTS = $(SOURCES:talks/*.md=public/*.pdf)
```

```
all: ${OUTPUTS}
```

```
public/*.pdf: talks/*.md references.bib
_____pandoc -s \
    -t beamer \
    --citeproc \
    --bibliography references.bib \
    --highlight-style kate \
    --pdf-engine xelatex \
    --fail-if-warnings \
    -o $@ $<
```

watch:

      watchexec -r -e md -c reset make -j

```
from pathlib import Path
```

```
html = "<html><head><title>My talks</title></head>"  
html += "<body><h1>My talks:</h1><ul>"
```

```
for f in sorted(Path("talks").glob("*.md")):  
    html += f'<li><a href="{f.stem}.pdf">{f.stem}.pd
```

```
html += "</ul></html>"
```

```
with Path("public/index.html").open("w") as f:  
    f.write(html)
```



```
<html>
  <head>
    <meta charset="utf-8">
    <title>My talks</title>
  </head>
  <body>
    <h1>My talks</h1>
    {% for pdf, head in talks %}
      <h2>{{ head.title }}</h2>
      {% if head.subtitle %}
        <h3>{{ head.subtitle }}</h3>
      {% endif %}
      <a href="{{ pdf }}">{{ pdf }}</a>
    {% endfor %}
  </body>
</html>
```

```
<html>
  <head>
    <meta charset="utf-8">
    <title>My talks</title>
    <link href="./style.css" rel="stylesheet">
  </head>
  <body class="bg-indigo-50 text-indigo-950
    dark:bg-indigo-800 dark:text-indigo-50">
    <!-- contenu -->
  </body>
</html>
```

<https://homepages.laas.fr/gsaurel/talks/>

<https://nim65s.github.io/talks/>

```
jobs:
  build:
    name: markdown → PDF
    runs-on: ubuntu-latest
    container:
      image: nim65s/talks
    steps:
      - uses: actions/checkout@v3
      - run: make
      - uses: actions/upload-pages-artifact@v1
        with:
          path: public/
```

- latex + beamer + theme (texlive / miktex + bidouilles)
- markdown + yaml
- pandoc (haskell: cabal / stack)
- fontes (bidouilles)
- watchexec (rust: cargo install / cargo binstall)
- pdfpc (vala, gtk: cmake)
- makefile
- html
- python + pyyaml + jinja (pip / poetry / ...)
- tailwind css (npm / yarn / ...)
- github & gitlab + ci/cd
- docker
- ssh / rsync / git



Figure 1: Nix

```
stdenvNoCC.mkDerivation {
  nativeBuildInputs = [
    nodePackages.tailwindcss
    pandoc
    (python3.withPackages (p: [
      p.jinja2
      p.pyyaml
    ]))
    source-code-pro
    (texlive.combined.scheme-full.withPackages (_: [
      laas-beamer-theme
    ]))
  ];
  installPhase = "install -Dm 644 public/* -t $out";
}
```

```
inputs.nixpkgs.url = "github:NixOS/nixpkgs";
outputs =
  inputs@{ flake-parts, ... }:
    flake-parts.lib.mkFlake { inherit inputs; } {
      perSystem = { pkgs, self', ... }: {
        packages.default = pkgs.callPackage ./talks.nix;
        devShells.default = pkgs.mkShell {
          inputsFrom = [ self'.packages.default ];
          packages = [
            pkgs.pdfpc
            pkgs.watchexec
          ];
        };
      };
    };
```

## Cette présentation

<https://gitlab.laas.fr/gsaurel/talks> : slides.md  
[https://homepages.laas.fr/gsaurel/talks/  
slides.pdf](https://homepages.laas.fr/gsaurel/talks/slides.pdf)

## Sous license



<https://creativecommons.org/licenses/by-sa/4.0/>