

J'ai fait mes slides !

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```
\documentclass[11pt]{report}  
\usepackage[latin1]{inputenc}  
\usepackage[français]{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(12.65,0.6)
      \node[inner sep=0pt] (laas) at (1,0.6) {
        \includegraphics[height=1cm]{LogoLAAS-2016.p
        \fill[color=laasbleuclair] (1.98,0) rectangle(12.65,0.1)
        \fill[color=laasbleuanthracite] (2,0) rectangle(12.65,0.1)
        \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}.pdf'

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
- vim / emacs / ...



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/>

Bonus: Et si je veux patcher pandoc ?

```

--- a/LaTeX.hs  2024-06-27 09:32:42.946386964 +0200
+++ b/LaTeX.hs  2024-06-27 09:32:55.573589497 +0200
@@ -449,5 +449,10 @@
     let wrapColumns = if "columns" `elem` classes
        then \contents ->
-           inCmd "begin" "columns" <> brackets "T"
+           let fromPct xs =
+               case reverse xs of
+                 '%':ds -> '0':'.': reverse ds
+                 _       -> xs
+               pos = maybe "c" fromPct (lookup "pos" kv)
+           in inCmd "begin" "columns" <> brackets (tex
+               $$ contents
+               $$ inCmd "end" "columns"

pandoc.overrideAttrs { patches = [ ./columns.patch ] }

```

```
{
  services = {
    stalwart-mail = {
      enable = true;
      settings.server.listener = {
        "smtp" = {
          bind = [ ":::25" ];
          protocol = "smtp";
        };
      };
    };
  };
  nextcloud = {
    enable = true;
    package = pkgs.nextcloud29;
    hostName = "localhost";
    config.adminpassFile = "/etc/nextcloud-pass";
  };
}
```