



# Digital Signage

SLQ Wiki Fabrication Lab 2024/04/24 03:10

# Digital Signage

Fabrication Lab signage is presented from this namespace on [pi signage player](#) using the revealjs Dokuwiki [plug-in](#). Each signage player has wiki page which you can edit to update.

For example, if you are the lab supervisor for today go to the [Welcome Signage](#) and change the name of the supervisor. You can then use the link below to display the signage.

[welcome Signage](#)

## Fabrication Lab Signage

- [Fabrication Lab Welcome](#) -display on main welcome screen in fabrication lab
  - [direct link](#)
- [Laser Cutter Operator Instructons](#) -display next to laser cutter
  - [direct link](#)
- [Showcase Slideshow](#) -display in entrance way
  - [direct link](#)
- [CNC Operator Instructions](#) - display next to CNC Router
  - [direct link](#)
- [Multicam CNC Digital Signage - Operations](#)
  - [direct link](#)
- [Multicam CNC Digital Signage - Staff Only](#)

Please put all resources for the signage in [resources](#) page including .ai files.

## Making a Sign

Any wiki page can be turned into a slideshow using the revealjs plugin, just insert the revealjs tag to create a slideshow link.

```
~~REVEAL~~
```

In order to get the best results its a good idea plan your signage and be familiar with the Revealjs [syntax](#) - please note this is an older version of the plugin!

### Dokuwiki Syntax Used

Revealjs uses headings to create slides. Every new H1 or H2 section, that is 6 equal signs or 5 equal signs open a new slide horizontally.

New H3 sections (4 equal signs) create a slide vertically (down) if they follow after an H2 section.

**Only** H2 sections open the vertical axis. If an H3 section follows after an H1 section it is appended horizontally.

## Content Formatting

If you just want simple text, with bullet points and paragraphs, then our suggested format is:

- one paragraph of four lines maximum per slide
- use blank H3 headings to create new sections
- one image per slide, set to 600 width
- use dot points where possible
- background images look good on heading pages.

## Slide Themes

You can use a theme - in our case lets use the welcome theme created for the fabrication lab.

```
~~REVEAL welcome~~
```

## Background Images

The plugin introduces the syntax

```
{{background>value}}
```

Where value can be either a Dokuwiki image identifier, e.g.

```
value = :images:my_images:image1.png
```

or a color in hex code preceded by "#", e.g.

```
value = #ff0022
```

The background will be applied to the next slide. I.e. the background tag has to precede the heading opening the next slide and will **only** apply to that slide. For example

```
{{background>:images:image1.png}}
```

```
===== my heading=====
```

```
slide with background
```

```
===== my second heading=====
```

```
slide without background
```

produces one slide with background and a second slide without background.

## Including Content from other pages

You can always create a sign from scratch, but most signage in the SLQ Wiki is built by using existing content. To do this we use the Dokuwiki [include](#) plugin.

The include plugin links do not get re-written if the target page is moved! Its best to use the include plugin only after you are sure your content is in the right place

<sup>1)</sup> A good example of this is the [CNC Router operations signage](#). Apart from a small introduction and some links at the end, the entire slideshow is made using the include plugin.

```
~~REVEAL~~
```

```
=====Multicam M-2412 CNC Router =====
```

The Edge's M-2412 is manufactured locally in Brisbane by Multicam CNC and features:

- \* A2MC Controller
- \* ELTE COLLET ER32 - 3HP Spindle with max speed of 18000RPM
- \* Vacuum Machine Bed
- \* Multicam Vision System
- \* 5 hp Dust Extractor

```
=====
```

```
{{page>facilities:fablab:equipment-
cots:multicam_m-2412:cnc_router_operations#cnc_router_operations}}
```

```
=====
```

```
{{page>facilities:fablab:equipment-cots:multicam_m-2412:machine_safety}}
```

```
=====
```

```
{{page>facilities:fablab:equipment-
cots:multicam_m-2412:materials#cnc_routing_materials_at_the_edge}}
```

====

## Include Syntax

the include plugin is very flexible and has many options. The above examples use the simple syntax of either pointing to the top of the page, or using the # to link to a named heading. Other syntax we use are:

To include the first section (only) of a page and make it a clickable link.

```
{{page>include 1st section as link&link&firstsection}}
```

To include the first section (only) of a page and make a “read more” button

```
{{page>include 1st section with readmore&readmore}}
```

## Displaying your Sign

Once your content is ready, you can click on the slide button on the page to check it, then use the address bar link to link **directly** to your sign.

1)  
To make this work we have had to make a small edit in the file `dokuwiki/lib/plugin/include/syntax/wrap.php` in the function `render`, changing the line: `if ($mode == 'xhtml') {` to `if ( ($mode == 'xhtml') && (! is_a($renderer,`  
`'renderer_plugin_revealjs')) ) {`