Some title

And a small subtitle

Contents

Fig. 1: alt text

Part I. This is part one

1   heading one in /main.md

Edit made on new os.
paragraph in /main.md
note the things in **parts** must be *directories* which contain a main.md. That main.md file may also have a **parts** section for including further files, etc.

Part II. This is part two

2   To do

- Closely match the appearance of my latex documents from a year ago

    - same border spacing
    - same structure, e.g. have an abstract/terminology/progress sections, bibliography/appendix etc
    - make top level headings as 'parts', e.g. part 1, part 2,

well let's consider this algorithm

```
def mainko(bozo):
    return "hungry"
```

as well as this

```
int mainko(int bozo){
    return ERROR_UNDEF;
}
```

3   heading level 2 in the .md
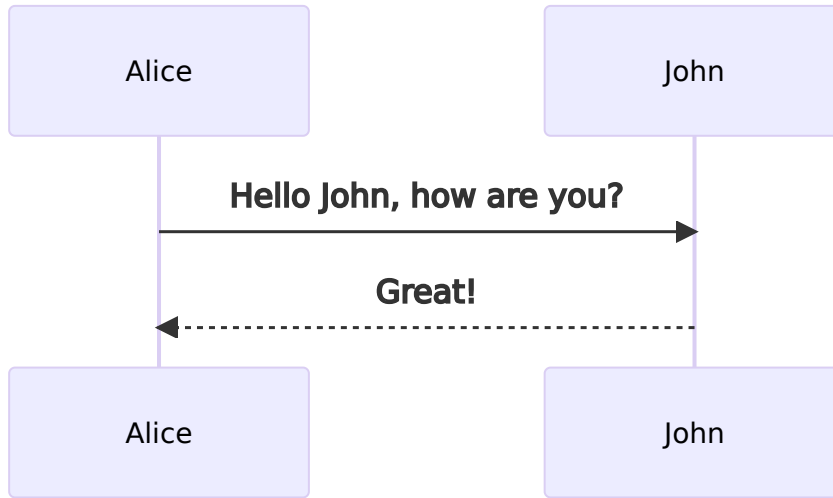
aaa

3.1   heading level 3 in the .md

bbb
todo - make the key:value thing in parts be section parts to filenames, e.g. for abstract, progress, etc?

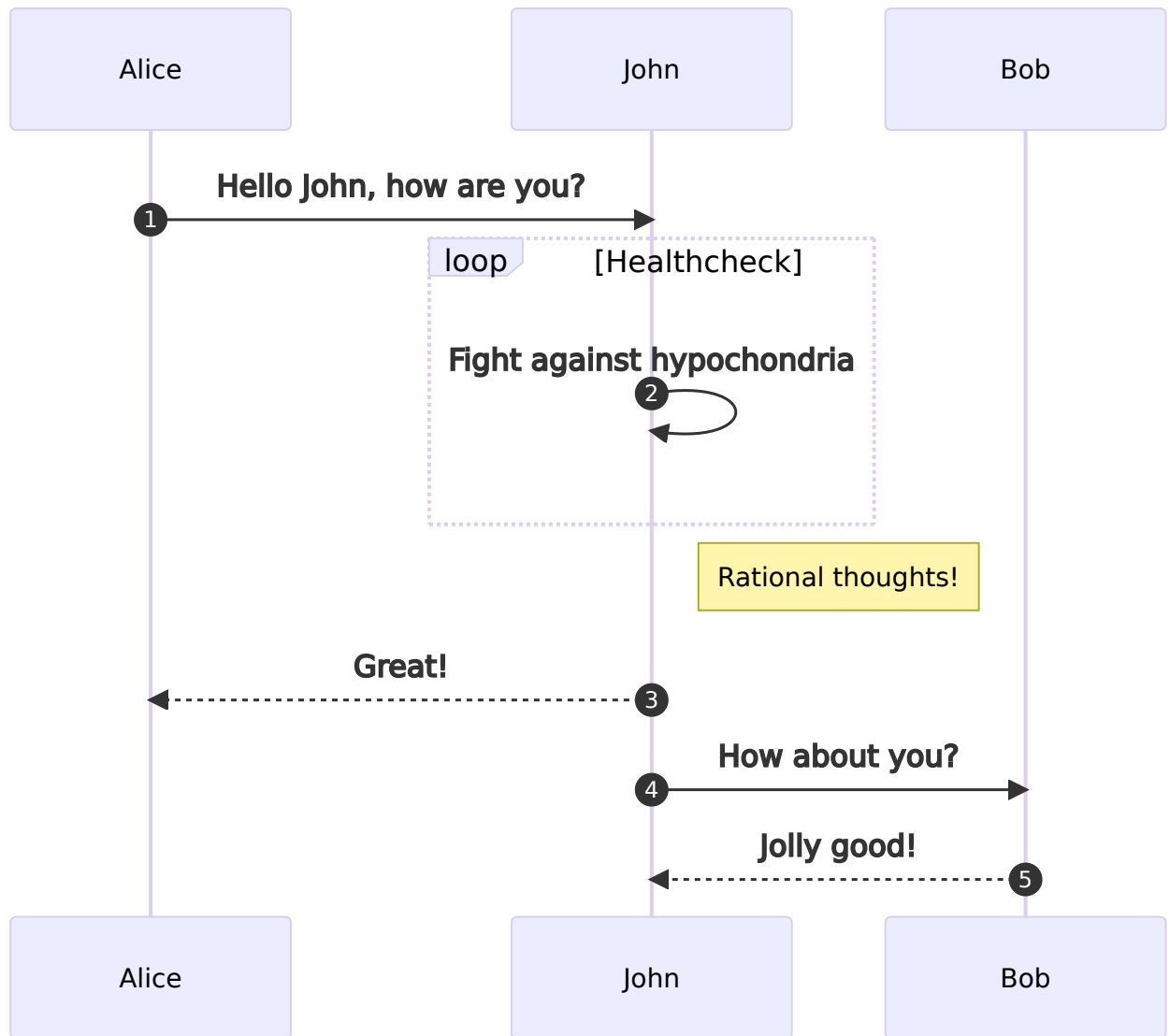## 4 Heading level 1 (should become 2) in content/a_outerfolder/main.md

Content below that heading in the markdown file
xxx change
let's see if this *mermaid* filter works. Should look like the example from https://github.com/raghur/mermaid-filter

Now let's try another, this one from here: https://stackoverflow.com/questions/68561397/mermaid-syntax-error-on-trying-render-a-diagram-on-github-md-file

This is a link to demo doc 2 [./generated_output_files/content/a_outerfolder/demo doc 2.pdf] [./generated_output_files/output_doc 2.pdf], clicking this link should open the file, which should be copied to the output folder.
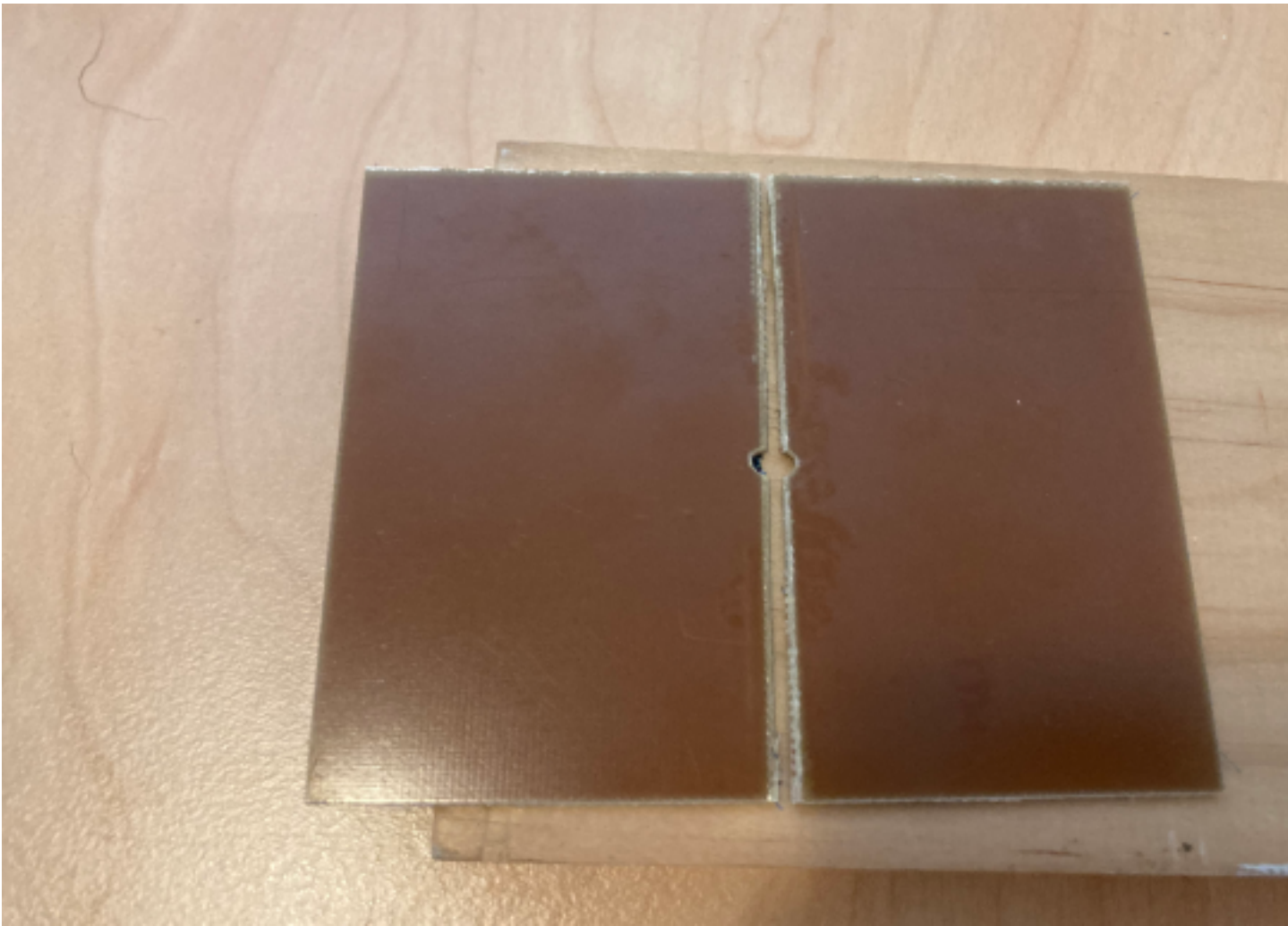
5 Heading level 1 (should become 2) in content/b_outerfolder/main.md

Content below that heading in the markdown file. A nested list test follows.

1. This is one element
2. Another
    1. And a nested element
        - with a nested dot
        - another
    2. More element
3. Outer end of list

Note that there are two more subfolders here, however they are not referenced in this markdown file, and hence are not integrated into the final document.

This is a link to demo doc 3 [./generated_output_files/content/b_outerfolder/a_xxx/demo_doc 3.pdf] [./generated_output_files/output_pdf/generated_output_files/content/b_outerfolder/a_xxx/demo_doc 3.pdf], clicking this link should open the file, which should be copied to the output folder.

Fig. 2: Here's me doing some PCB stuff

This is a link to a demo doc with spaces in the dir and file name [./generated_output_files/content/b_outerfolder/a_xxx/demo dir with spaces/demo doc with spaces.pdf] [./generated_output_files/output_pdf/generated_output_files/content/b_outerfolder dir with spaces/demo doc with spaces.pdf], clicking this link should open the file, which should be copied to the output folder.

6 Heading level 1 (should become 2) in content/c_outerfolder/main.md

ffbc

6.1 hello from behe

hohoe

6.1.1 jfdksllkjfdslkjfds
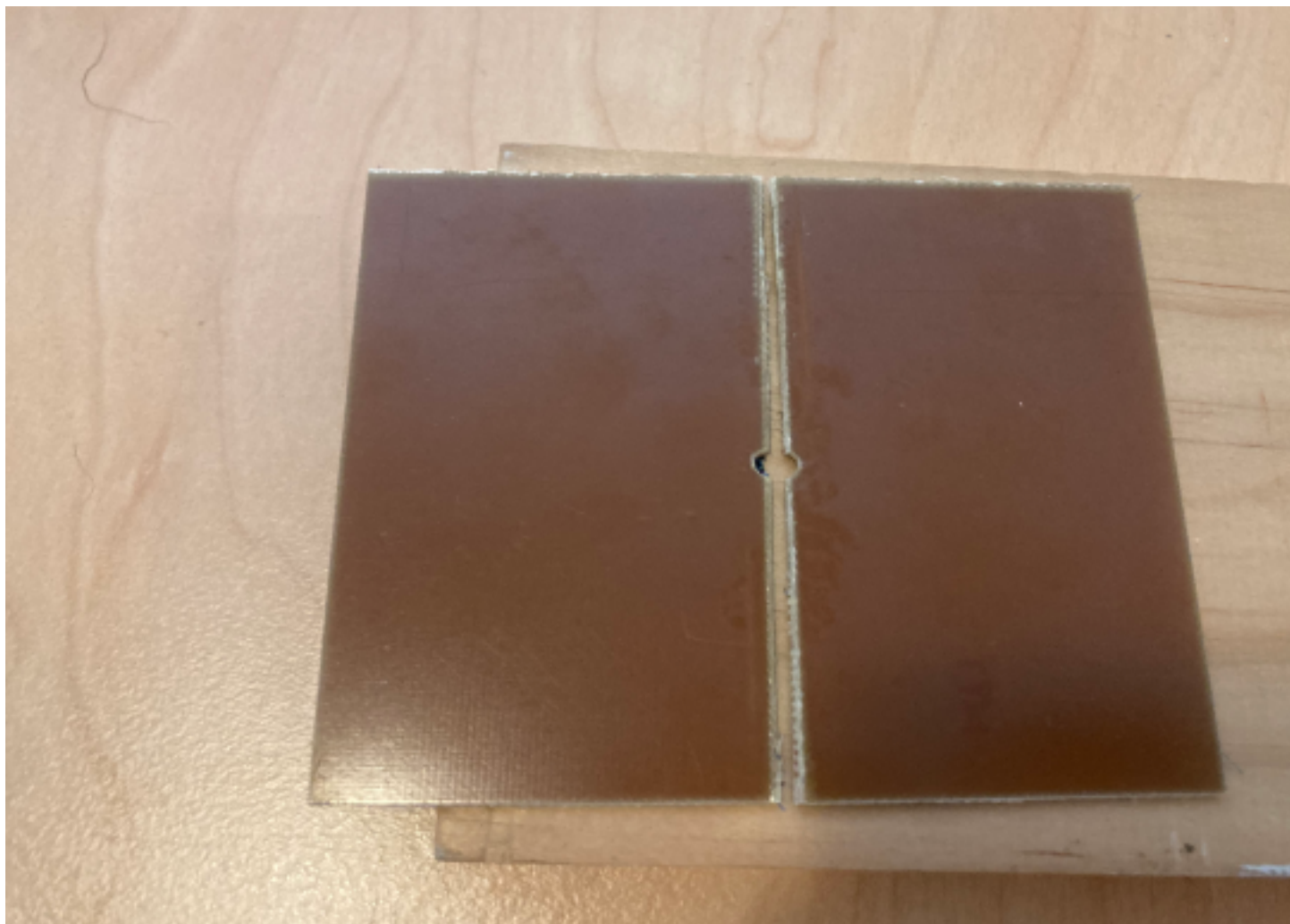
bo how bew stant
now let's add an image

6.2 hullow from b_boho

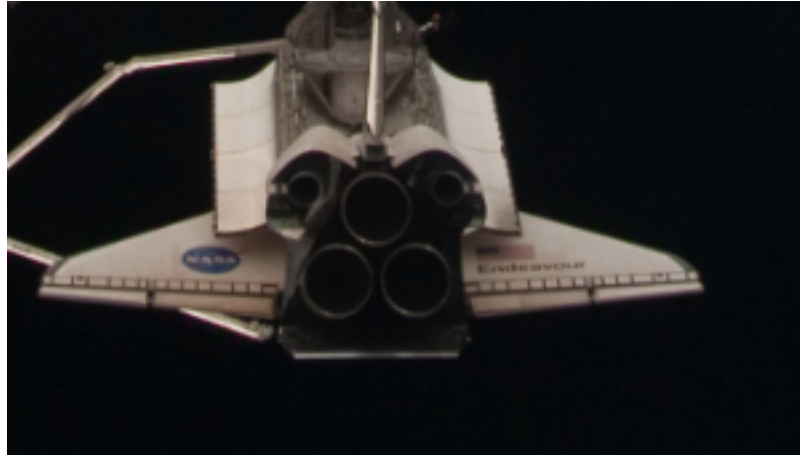as a paragraph

6.2.1 as a second level heading

huahua

Fig. 3: Here's the same image but the image has spaces in its filename

Fig. 4: alt text

another end line... helps?

7   hellobd

ffbd

Part III. another top level heading

here's a copy-pasted thing of the parts - does it work?
This is a link to demo doc 1 [./generated_output_files/content/demo_doc1.pdf] [./generated_output_files/output_pdf/generated
clicking this link should open the file, which should be copied to the output folder.
Lets make an external link which is this [./generated_output_files/external/sample_image.png] [./generated_output_files/outpu
to a file outside/above this project.