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# **Cicero Documentation**

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# CHAPTER 1

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## Running the app locally

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Sometimes you need to present your talk without an internet connection. In this situation you can run a local web server:

```
$ virtualenv venv
$ source venv/bin/activate
(venv)$ pip install git+https://github.com/bast/cicero.git@master#egg=cicero
(venv)$ cicero

* Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
```



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### How to preview and serve your talk locally

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Using a local server it is also no problem to serve your talk locally to see the result before you push them to the repository:

```
$ cicero --file /home/user/my-talk/talk.md
```





## CHAPTER 3

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### Development

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First install the dependencies (you need a network connection for this step):

```
$ virtualenv venv
$ source venv/bin/activate
$ pip install -r requirements.txt
$ git checkout https://github.com/bast/cicero
$ cd cicero
```

Then start the server:

```
$ python cicero.py

* Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
```



## CHAPTER 4

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What is in Cicero that is not in remark?

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Document me ...



You can either include images the [Markdown](#) way:

```
![alt text] (https://github.com/adam-p/markdown-here/raw/master/src/common/images/  
→icon48.png "Logo Title Text 1")  
  
![alt text] (path/myimage.jpg "Local image")
```

or the [HTML](#) way:

```

```



## CHAPTER 6

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### Background image

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Setting and changing the background image is nicely documented here: <https://github.com/gnab/remark/wiki/Markdown#background-image>





## CHAPTER 7

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### Math equations

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Math equations are rendered using <https://www.mathjax.org>. Here is an example Markdown code:

```
$$ e = mc^2 $$
```

MathJax is configured here: <https://github.com/bast/cicero/blob/master/cicero/static/engines/remark-0.13.0/js.html#L8-L42>



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## Code highlighting

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The default code highlighting style is “default”. You can change it on the fly using `?style`.

Example:

```
http://cicero.xyz/v3/remark/0.14.0/github.com/bast/talk-complexity/master/talk.md/?  
→style=monokai#16
```

Supported styles:

```
arta  
ascetic  
dark  
default  
far  
github  
googlecode  
idea  
ir_black  
magula  
monokai  
rainbow  
solarized-dark  
solarized-light  
sunburst  
tomorrow  
tomorrow-night-blue  
tomorrow-night-bright  
tomorrow-night  
tomorrow-night-eighties  
vs  
zenburn
```



## CHAPTER 9

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### How to use own CSS

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If you place a file in the same path as your talk, with the same name as your talk, and only replace the “.md” suffix by “.css”. Then the rendering engine will use this file and include it as the last CSS file: <https://github.com/bast/cicero/blob/master/cicero/templates/render.html#L14-L16>

In other words, if your talk is called “talk.md” and you want to customize CSS, place a file called “talk.css” in the same place as your “talk.md”.

With this you can even override CSS directives and style your slides to your heart’s content.

The API currently only supports [remark](<https://github.com/gnab/remark>) but in future we plan to support also other rendering engines.



## CHAPTER 10

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v3

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This API is the future:

```
/v3/<engine>/<engine_version>/<repo>/<branch>/<path>/
```

Example:

```
/v3/remark/0.14.0/github.com/bast/cicero/master/demo/talk.md
```





# CHAPTER 11

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v2

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This API is currently the default:

```
/v2/remark/github/<namespace>/<repo>/<branch>/<path>/
```

Example:

```
/v2/remark/github/bast/cicero/master/demo/talk.md
```



## CHAPTER 12

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v1

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This API is deprecated but supported:

```
/v1/github/<namespace>/<repo>/<branch>/<path>/remark/
```



## CHAPTER 13

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### Environment variables

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CICERO\_URL\_BASE: defines the URL base for generated links in the Markdown file finder.

As an example, for <http://cicero.xyz> we set:

```
CICERO_URL_BASE=http://cicero.xyz
```



# CHAPTER 14

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## Dependencies

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The app depends on the following Python packages:

```
flask-0.10.1  
requests
```

On the front-end side we depend on the following libraries:

```
angular-1.5.9  
bootstrap-3.3.7
```