Remark.js (markdown-to-slides)

Instructions to install

To work on atom:

- Install remark: atom packages-> remark (from terminal: apm install linter-remark)
- Install slide preview
- We need to Install markdown-to-slides, but before we need to be sure we have the correct version of nodejs in our mac. Install home brew and be sure you do not have a previous version, other wise follow (from https://gist.github.com/DanHerbert/9520689)

rm -rf /usr/local/lib/node_modules brew uninstall node brew install node --without-npm echo prefix=~/.npm-packages >> ~/.npmrc curl -L https://www.npmjs.com/install.sh | sh

```
Node and npm should be correctly installed at this point. The final step is to
add ``~/.npm-packages/bin ``to your PATH so npm and global npm packages are usable. To do
this, add the following line to your ``~/.bash_profile``:

export ``PATH="$HOME/.npm-packages/bin:$PATH"``
Now you can re-install any global npm packages you need without any problems.

To test out your Node and npm install, try installing Grunt
``npm install -g grunt-cl``.

* Now we install the markdown-to-slides: ``npm install markdown-to-slides -g``.
* Then, in order to avoid the problem: env: node``\r``: No such file or directory we have
to edit the script in the markdown-to-slide directory index.js. There is a problem with
newlines in your script. Make sure that ``#! /usr/bin/env node`` is followed
by ``\n ``(unix style) instead of ``\r\n`` (windows/dos style). To fix that, use
the ``tr`` command to remove ``\r``'s from your file. Therefore we go to the ``cd
../lib/node_modules/markdown-to-slides``. Once there, we can look for the index.js and
make a copy before manipulating the file:

```bash
$ ls
LICENSE README.md index.js lib node_modules package.json template test

starignus@ariadnasmacbook ~/.npm-packages/lib/node_modules/markdown-to-slides
$ cp index.js index_original.js

starignus@ariadnasmacbook ~/.npm-packages/lib/node_modules/markdown-to-slides
$ ls
LICENSE index.js lib package.json test
README.md index_original.js node_modules template
```

Now, to remove the `\r` :

```
cat index.js | tr -d '\r' > index_2.js
```

```
starignus@ariadnasmacbook
~/.npm-packages/lib/node_modules/markdown-to-slides
$ cp index_2.js index.js

starignus@ariadnasmacbook~/.npm-packages/lib/node_modules/markdown-to-slides$ rm
index_2.js
```

- Now you can run the markdown-to-slide:

```
tarignus@ariadnasmacbook ~/Documents/HorizonCourse/Extra_info
$ markdown-to-slides Test.md -o slideshow.html
10:42:53 AM: "Test.md" written in "slideshow.html"```

or using an optional css:

```bash
markdown-to-slides Test_as_slides.md -o slideshow_asslides.html -s remark-template-basic.css
```

Links

- About the syntax and styling look at: https://github.com/gnab/remark/wiki/Markdown;
- remark.js https://github.com/partageit/markdown-to-slides
- Tutorial and explanation can be found http://tech.graze.com/2015/07/31/easily-create-slideshow-presentations-from-markdown-with-remark-js/

Notes on nodejs with brew:

If you initially installed Node.js with Homebrew, run (link):

Carefull with lat command, better to follow: https://gist.github.com/DanHerbert/9520689

```
brew update
brew upgrade node
npm install -g npm
```

Or as a one-liner:

`brew update && brew upgrade node && npm install -g npm`

Other option: https://changelog.com/posts/install-node-js-with-homebrew-on-os-x

- Fixing problems: *Node script executable not working on Mac : env: node\r: No such file or directory*. Solution: There is a problem with newlines in your script. Make sure that #! /usr/bin/env node is followed by \n (unix style) instead of \r\n (windows/dos style). To fix that, use the tr command to remove \r's from your file:

`cat your_script.js | tr -d '\r' > fixed_script.js`