

Dockercon 2016 – Cool Hacks

“MyCV” Docker appliance

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<http://2016.dockercon.com/>

What if I could write my resume in Excel?

Why ?

- ▶ My Word processor is unstructured, I spend too much time creating layout rather than **content**
- ▶ What if updating my CV meant just updating a few cells in a spreadsheet and then turning a handle?



So I gave it a try ...

- ▶ 1st, has anyone already done this?!
 - ▶ I found a yaml to PDF CV tool (YES!!)
 - ▶ [QuteBits/resume_42](#) on github
- ▶ So I forked it
 - ▶ added a Excel to CSV to Yaml front-end
- ▶ It works !

WHY REINVENT THE
WHEEL WHEN YOU
DON'T HAVE TO?




But it was a pretty flakey install

- ▶ I use Windows, Linux(es), Mac
 - ▶ I only installed the tool on Windows
- ▶ Then my PC died !!
 - ▶ Reinstalled Windows 3 times in 1 month !
- ▶ I need an **appliance** I can **run anywhere**
- ▶ Sounds like a use-case for **Docker** !

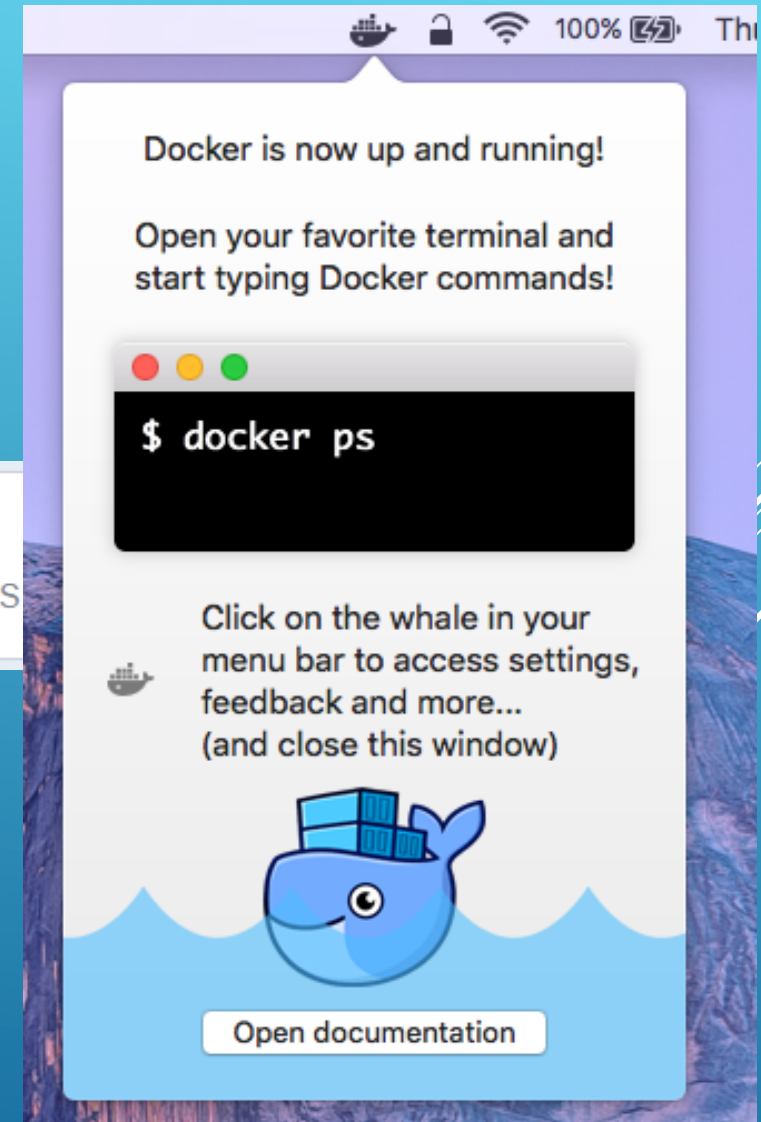


Docker– cross-platform appliance

- ▶ Developed with **Docker for Windows**
- ▶ Now auto-built on **DockerHub**
- ▶ Available on **DockerHub**

	mjbright/cv_resume_42 public	0 STARS	10 PULLS
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- ▶ Demonstrating on **Docker for Mac**



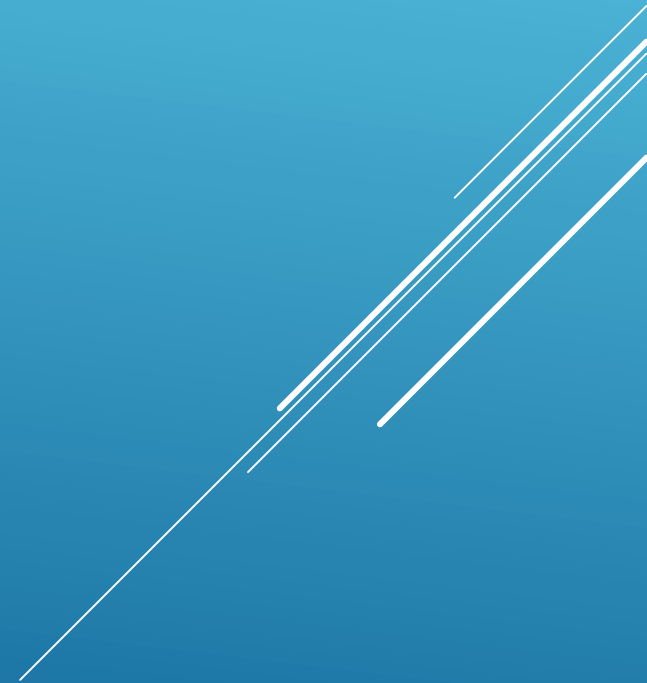
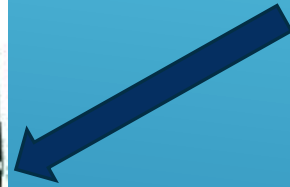
Demo – here's my CV on github



























[mjbright.github.io](https://github.com/mjbright)



NFV/SDN Solution Architect



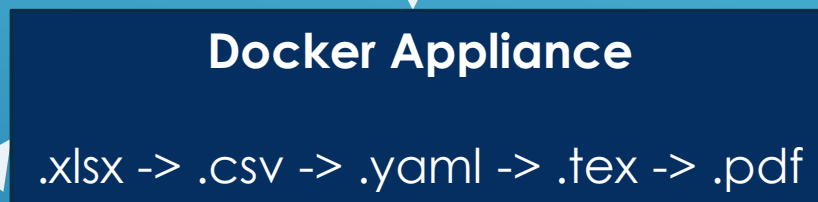
Demo – Let's update my CV in Excel

FILE		HOME		INSERT		PAGE LAYOUT		FORMULAS		DATA		REVIEW		VIEW		ADD-INS		TEAM	
<div><div> Paste</div><div> Cut</div><div> Copy</div><div> Format Painter</div></div>		<div><div>Arial</div><div>10</div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div>Wrap Text</div> <div><div></div>Merge & Center</div>		<div><div>General</div></div> <div><div>\$</div><div>%</div><div>'</div><div></div><div></div></div>		<div><div></div>Conditional Formatting</div> <div><div></div>Format as Table</div>									
Clipboard		Font		Alignment		Number													
D20		<div><div></div><div></div><div></div></div>		Present															
A		B		C		D		E											
SECTION		HEADER		ENGLISH		VALUE		FRENCH											
TYPE		NAME		LABEL		VALUE		LABEL											
SECTION		VARIABLES																	
				CERTIFICATION		RHCE, RHCSA, HP Expert One SDN Apps													
				PHONE		+33 (0)672991647													
				ATC		OpenStack													
				EMAIL		cv@mjbright.net													
				WEBSITE		http://mjbright.github.io													
				NAME		Michael Bright													
				TITLE		NFV Solution Architect, Containers													
				LOCATION		Grenoble, France													
				EMPLOYER		HPE, Hewlett-Packard Enterprise													
				OBJECTIVE		Pre-sales technical expert in areas of NFV, Cloud, Virtualization, Containers, SDN, F													
SECTION		EXPERIENCE																	
SUBSECTION																			
				TITLE		NFV Solution Architect													
				EMPLOYER		HPE EG presales - Grenoble France													
				ROLE		SDN/NFV in HP Solution & Innovation Center													
				START		09/2013													
				END		Present													
				LISTITEM		NFV PoC setup with HPE and NFV partners													
				LISTITEM		Hands-on with Helion Carrier-Grade OpenStack, OpenStack bug fix													
				LISTITEM		Docker evangelism via presentations and labs													
SUBSECTION																			
				TITLE		Cloud Engineer													
				EMPLOYER		HP CMS - Grenoble France													

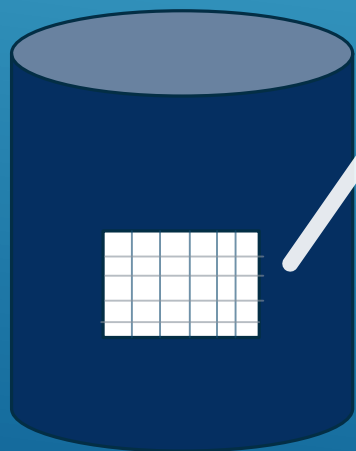
Demo



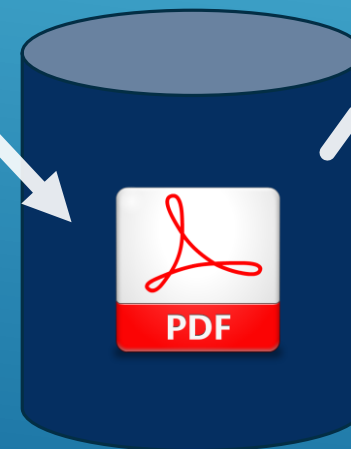
`docker pull`



`docker run -v $PWD:/cv`



CV.xlsx



CV.pdf



mjbright.github.io

Demo (see video <https://www.youtube.com/watch?v=JcmkuPU9P4M>)

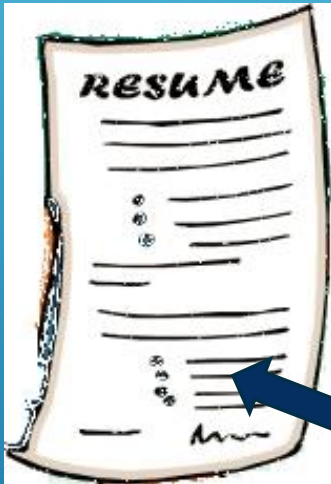
```
$ docker pull mjbright/cv_resume_42
$ docker run --rm -it -v $PWD:/xlsx_dir -v $PWD:/cv mjbright/cv_resume_42
/cv/create_cv.sh -xl MYCV.xlsx
$ ls -l cv.pdf

$ cp -a cv.pdf ../mjbright.github.io
$ cd ../mjbright.github.io
$ git add cv.pdf
$ git commit -m "At last a Container Advocate" cv.pdf
$ git push
```

Demo –here's my new CV on github



mjbright.github.io



Container Advocate

Awesome keynote demo at DockerCon !!

Next steps

- ▶ Other input formats (LibreOffice)
 - ▶ Docker Cloud service
 - ▶ CSS-based for small image
- 
- A series of three parallel white diagonal lines in the bottom right corner of the slide, extending from the middle of the right edge towards the bottom left.

The End ...



But isn't this just a VM?

- ▶ Well, it's no native cloud application or micro-service, but I don't adhere to
 - ▶ “containers should be used for ...”
 - ▶ “containers should / shouldn't ...”
 - ▶ There's more than cloud-native and micro-services in life!
- ▶ Docker appliances are a great way of shipping applications as appliances

