PyCon 2018 Recap

Christine Lee & Matt Layman Python Frederick June 2018

About PyCon

- Largest Python conference
- More like 3 conferences:
 - Tutorials
 - Conference days (i.e. presentations)
 - Developer sprints
- 2 year cycle for venue (Cleveland in 2019)

Tutorials

- 3 hour sessions to grow new skills in some technology
- Opportunity to learn something totally new!
- Examples:
 - Lights Camera Action! Scrape, explore, and model to predict Oscar winners & box office hits
 - Workflow Engines Up and Running
 - Build-a-GitHub-Bot Workshop

Conference Days

- Presentations (here are some notable ones)
 - Democratizing Distributed Computing with Dask and JupyterHub (Matthew Rocklin)
 - Pipenv: The Future of Python Dependency Management (Kenneth Reitz)
 - CuPy: A NumPy-compatible Library for GPU (Shohei Hido)
 - Big-O (Ned Batchelder)
 - How to Write Deployment-friendly applications (Hynek Schlawack)
 - Dataclasses: The code generator to end all code generators (Raymond Hettinger)
- All presentations posted to YouTube!

Conference Days (cont.)





Conference Days (cont.)

					Rooms Available				
	Room 9 Capacity: 41	Room 10 Capacity: 4)	Room 14	Room 15	Room 16	Room 19	Room 20	Room 21	Room 22
am	cupacity.	capacity.	Capacity: 36	Capacity: 42	Capacity: 48	Capacity: 48	Capacity: 48	Capacity: 48	Capacity:
157		1							
		Dicested	1	100000000000000000000000000000000000000					
NIA		Ver II X							
am		11 1/3/10							
		N,			130000				
		Day!							
am	- LINVE+ (PROPERCORS!	1 10	FINANCIAL ENGINEER	Son Wo cak the					
	The second section of the second	war	the a whole continue	Francisco de Mario com de Caralle de	Testis influence on terrors	InT in Production	Pipenv!	Serverken . Rythun	A Language
	Corporate copiety or the forces for Copieties the San of San and San or the San of San	all your here	Market Chamman on will have ?	Souther to	the same of the same of	dealer in Patron IaT application income 100000 of decrees in	4	Left de pay land (mark) (my Tankon) (mark) (my Tankon) (mark)	A Language Similar to a System + a Granustic
	Sant American	J. 10.			Gishaura - 1941	more for the application] again aramigan Continue		The state of the state of the state of	bag matte
am	Com lox a discoular shot has		Mothers is	Cuenta tu historia	- [P]E P1 FTW	ON LURE SPRINGS	Static Analysis	HAKING ART U/ PYTHON	Date
	Ryter is used in the state indicate		Tech entellage	Inspira a un estudiante	1501 lehro mine Chine	The to be the Water store of	the de you the land analysis of the come that produce, forth, the company before the company back.	MAKE ACT UI A VOLUTCY	Porta la Distagra- Assessarino Dista
			and and	estudiante	Control proves be seed in a seed	CONTRACTOR AND A MARK TO	Got Audial on the my name	OF THUS	gnultulin
PM	BOSTON		Brain Cyan	women in Tech	TASK QUEUES	6	Survice Hus	LEDS WY PUTTON >	Base Ball!
	And you from Control to the south state of the state of the state of the southern and the state of the southern and the state of the st		San to the	"speed-dating" Net working!	Conference	1	PRINTER / ADMIN'S	too forced the Land of Allend See	CANE G LINE
	Year Y & Year Y &		Copie South of State of State Company State Company Street	COUNTY Make Chart	- Brytish to organish that		Har to good to	Laby West, Steam of Transport House, Sec.	Triviates? 1965* (2) Makhorit in Cost, Jeldhardin
PN		3	21-90		Statement	w . 60		0.1	M tole Small
	CONTRACTOR OF THE PARTY OF THE		- Bulletin Warms	Shark on hand "made fore	Com Share you opercovery	Rush tour of Python	SF Bay-Ent Bay Meekup	A Titury Window	Tople &
	Materia for hither	"	No certained	Sand the sand of the sand	Can Sing Is Options Can Sing Is Options Can Sing Tearly	in VS Code, What's coming and Fredback	Make French?	Harage in Popular	Han Source
			Op Long Chine	true horal	(con as handle and	Piscofsion	-bissering	auter For	The Tab
2 Pi			P. Watcher TEXAS	Developed Hives states	WRITIN 150 TIPS	MENTAL HEACTH	python	FLASK	Code 9
	Dr has no Conty		See Ry Tens continues, and	Developer How the providing th	I have send short with he among the blues 5006, 5006, transming, 5006, ECREL	signal and their control and to	- According	Story or The	Teviews!
	Fred	5	Distriction in Texas!	G Met Proper	12 4 420-251-148	At one contained it	Phil Con Project Per per for try Explain, Sway, Confd. Her Abblick	6	internal design
3 P	MPH		FOXPOT~ NASTO WASTO	BEEK GARTEN		FREE FENKING CLASS I	OPEN DATA	8	
	Tython Educator	15	we are is thousand	-Level up your	PYSPLIK	Egge offert sprunds success one special spirit state	DATA STRES		
	TPSF		Sygnification and the season and the	command to Control scripts	1/3/4/6	* Navago a district of the Control o	SOCIAL DAY		
4 P	M		Common Pales	The Real Property lies, the Parks					
			Into Univ3d						
			Carrier Preside						
5 F	M			N. Control of the Con					
2,							The Park of the Land		
							Control of the last		
			-						
6	PM				The state of the s		T 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s	



Developer Sprints

- A chance to write code with other developers
- Work on popular open source projects
 (shoulder-to-shoulder with the people who wrote them!)
- Learn how open source works in practice

_

Thanks!

Christine Lee

Matt Layman, @mblayman on Twitter https://www.mattlayman.com

Appendix

Links to the Presentation Videos

- Pycon 2018 Channel Page https://www.youtube.com/channel/UCsX05-2sVSH7Nx3zuk3NYuQ
- Big-O: How Code Slows as Data Grows https://www.youtube.com/watch?v=duvZ-2UK0fc
- How to Write Deployment-friendly Applications https://www.voutube.com/watch?v=wuCpCkrfeMs
- Dataclasses: The code generator to end all code generators https://www.voutube.com/watch?v=T-TwcmT6Rcw
- Democratizing Distributed Computing with Dask and JupyterHub https://www.youtube.com/watch?v=lq72dt1gO9c
- Pipenv: The Future of Python Dependency Management https://www.voutube.com/watch?v=GBQAKldqqZs
- CuPy: A NumPy-compatible Library for GPU https://www.youtube.com/watch?v=MAz1xolSB68