# **HTCondor Orienteering**

Christina Koch

(Slides adapted from Greg Thain)

Center for High Throughput Computing





Good News: HTCondor is powerful, and can do a lot of things

Bad News: Getting HTCondor to do what you want may be tricky

Good News: The Internet has lots of information about HTCondor

Bad News: Getting information from the internet may be tricky

## **Navigation online**

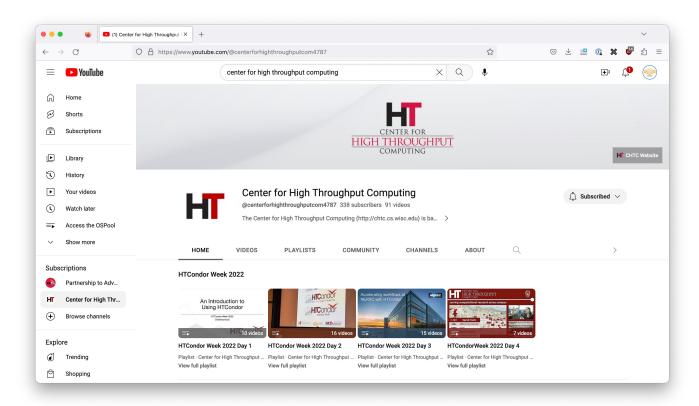
- General tips: stuff we produce is best
- Don't go to Stack Overflow or random search
- Stack Overflow
- Random internet searches
  - Often out of date ..
- In general, be aware of versioning and potential custom stuff



3

## Talk Recordings on YouTube

Talks from HTCondor Week and other events



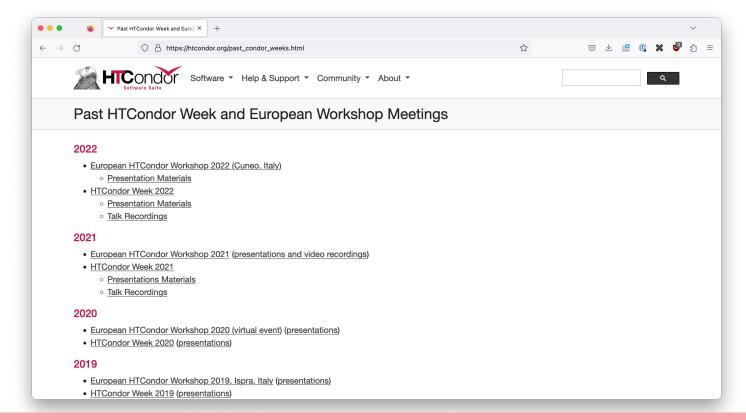
http://go.wisc.edu/chtc-youtube



4

#### **HTCondor Week Materials**

Slides and recordings are posted online.



#### https://htcondor.org/past\_condor\_weeks.html

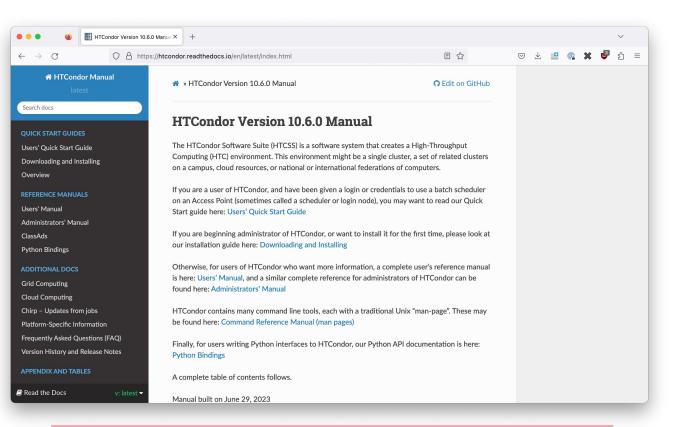


5

### The Manual<sup>™</sup>

Working to improve readability and findability.

Pull requests welcome.



#### https://htcondor.readthedocs.io/



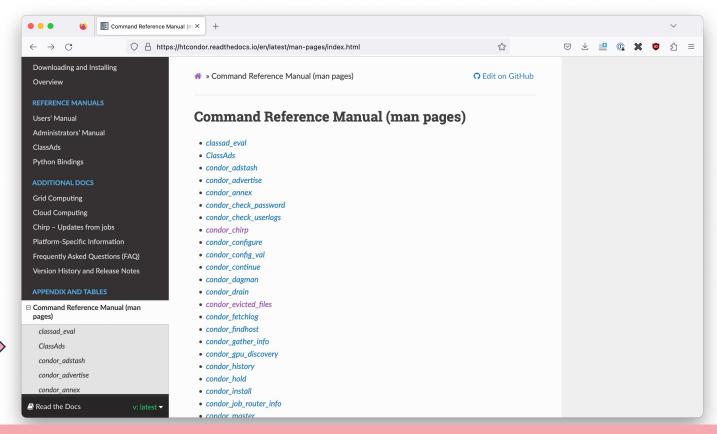
## The Manual, Lite

Don't have time to read the whole manual? ;)

Check out command reference pages.

or...

man condor\_submit
condor\_submit --help



https://htcondor.readthedocs.io/en/latest/man-pages/index.html





CHIC

### **Release Notes and Version History**

## View recent feature changes.

🗧 🗧 🔹 🚺 🔃 Version History a	nd Release Noi X +							$\sim$		
$\leftarrow \rightarrow \mathbf{C}$		☆	${igsidential}$	$\overline{\gamma}$	(Ca	×	<b>5</b>	பி	≡	
Users' Manual Administrators' Manual ClassAds		<b>O</b> Edit on GitHub								
Python Bindings	Version History and Release Notes									
ADDITIONAL DOCS Grid Computing	Introduction to HTCondor Versions									
Cloud Computing	HTCondor Version Number Scheme									
Chirp – Updates from jobs Platform-Specific Information	Upgrading from an 9.0 LTS version to an 10.0 LTS version of HTCondor     Version 10 Feature Releases									
Frequently Asked Questions (FAQ)	• Version 10.6.0									
Version History and Release Notes	• Version 10.5.1									
Introduction to HTCondor Versions	• Version 10.5.0									
Upgrading from an 9.0 LTS version to an 10.0 LTS version of HTCondor	<ul> <li>Version 10.4.3</li> <li>Version 10.4.2</li> </ul>									
Version 10 Feature Releases	<ul> <li>Version 10.4.1</li> <li>Version 10.4.0</li> </ul>									
Version 10.0 LTS Releases Version 9 Feature Releases	• Version 10.3.1 • Version 10.3.0									
Version 9.0 LTS Releases	• Version 10.2.5									
APPENDIX AND TABLES	<ul> <li>Version 10.2.4</li> <li>Version 10.2.3</li> </ul>									
Command Reference Manual (man pages)	• Version 10.2.2 • Version 10.2.1									
ClassAd Attributes	<ul> <li>Version 10.2.1</li> <li>Version 10.2.0</li> </ul>									
Codes and Other Needed Values	<ul> <li>Version 10.1.3</li> </ul>									
Read the Docs v: lates	• Version 10.1.2									

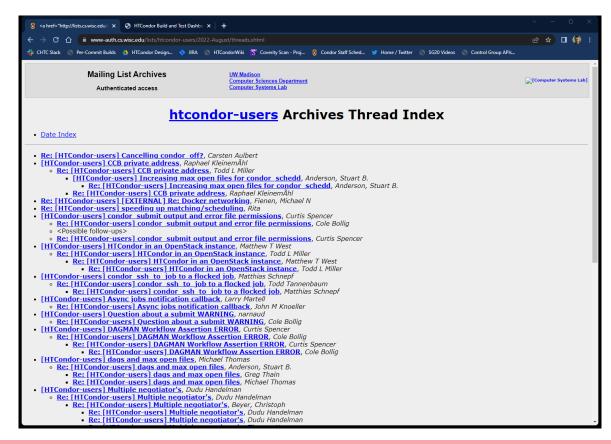
https://htcondor.readthedocs.io/en/latest/version-history/index.html

7/12/23



HTC23 - HTCondor Learning Resources

### htcondor-users Mailing List



#### https://htcondor.org/mail-lists/#user





## HTC23 In Person

- Connect with CHTC team during HTC23
  - Meeting room upstairs available for small groups
- "Us"  $\rightarrow$  means whole community, not just few developers



## Acknowledgements

 This material is based upon work supported by the National Science Foundation under Grant No. 2030508. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.



11