

# Free Tools for Content Creators

A brief presentation  
about “git” and “GitHub”  
by  
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# Disclaimers

- I have no association with the “git” team, GitHub, Microsoft, any Linux team, or Linus Torvalds.
- I'm not selling or looking for anything.
- I merely wish to raise awareness about some free software that I think is useful and beneficial.
- My target audience is people who create digital content, especially in written form.
- This is not a course on “git” or GitHub.



# What is “git”?

- Git is a distributed version-control system for tracking changes in source content during creative development. Originally for coordinating work among programmers, it can be used to track changes in (almost) any set of files.
- Its goals include speed, data integrity, and support for distributed, non-linear workflows.



# What is GitHub?

- GitHub, Inc. is a US-based global company that provides hosting for software development and version control using “git”. It is part of Microsoft, which acquired the company in 2018.
- Public repositories have always been free. As of January 2019, GitHub offers unlimited private repositories to all plans, including free accounts.
- As of 2020, GitHub has 40+ million users with than 100 million repositories (and at least 28 million public repositories), making it the largest host of source code in the world.



# Where did “git” come from?

- Git was initially created by Linus Torvalds, in 2005, for development of the Linux kernel. It was created to allow work on the Linux kernel to proceed.
  - Existing software packages to do this task were often expensive. Further all were slow and cumbersome. The Linux kernel was so large and complex that something better was needed.
- The word “git” in English slang for an old, unpleasant person.
- To me, “git” is a productivity booster in line with the old expression “git 'er done!” or “Get it done”



# Why does “git” matter?

- Creating content is hard work. Losing that work, and then having to do it all over again is so frustrating!
  - In 2007, my computer hard-drive suddenly failed. It cost nearly \$2K to recover the data because I had no backup. All of my code was on that hard-drive.
  - In 2016, it failed again with very different results.
  - In 2018, Fred Fernbach gave a talk about Android application development and mentioned that he had lost 10 applications because of hard-drive troubles.
- This got me thinking... I need to share this insight!



# Where do I get “git”?

- Git is hosted at: <https://git-scm.com/> or Google “git”
- It is available for Linux, Unix, MAC OSX, Windows and Windows Portable. 32 or 64 bit.
- Yes it is FREE!



# More Info

- YouTube Search:
- [https://www.youtube.com/results?search\\_query=git+tutorial](https://www.youtube.com/results?search_query=git+tutorial)



# More Info



# More Info



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