"FINAL".doc



FINAL.doc!



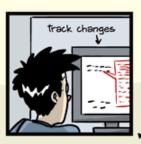
FINAL_rev.2.doc



FINAL_rev.6.COMMENTS.doc



FINAL_rev.8.comments5. CORRECTIONS.doc

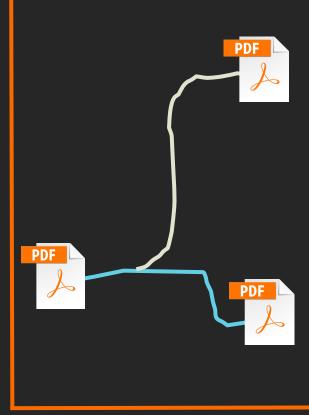


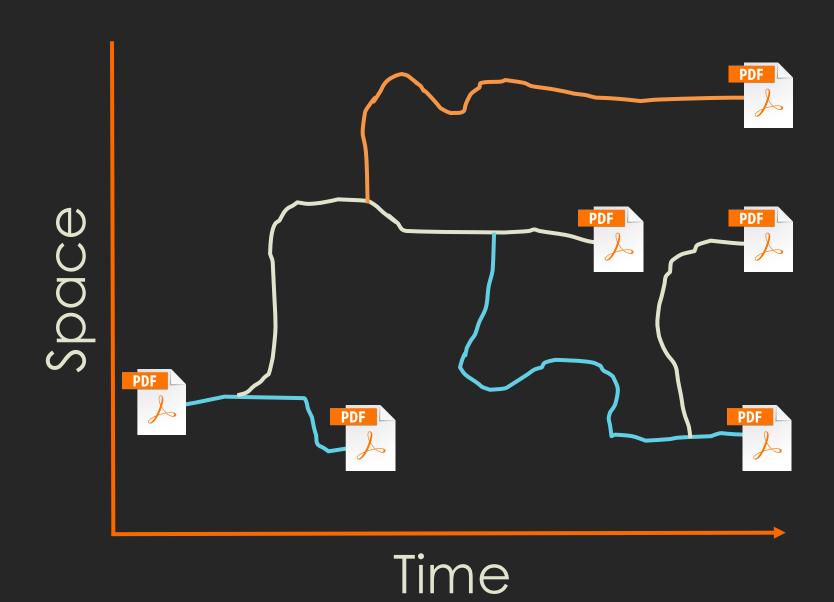
FINAL_rev.18.comments7. corrections9.MORE.30.doc



FINAL_rev.22.comments49. corrections.10.#@\$%WHYDID ICOMETOGRADSCHOOL????.doc



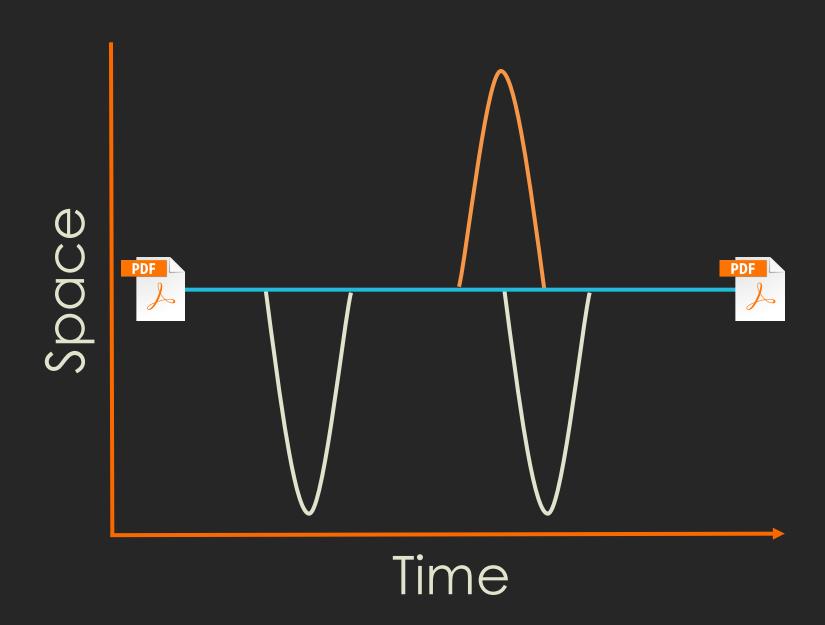




VERSION CONTROL: one document, one place, all the time!



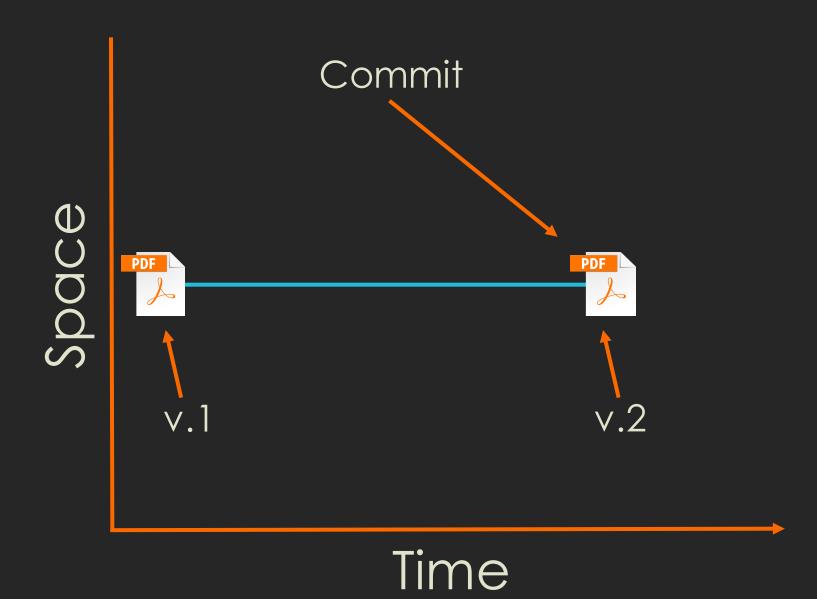


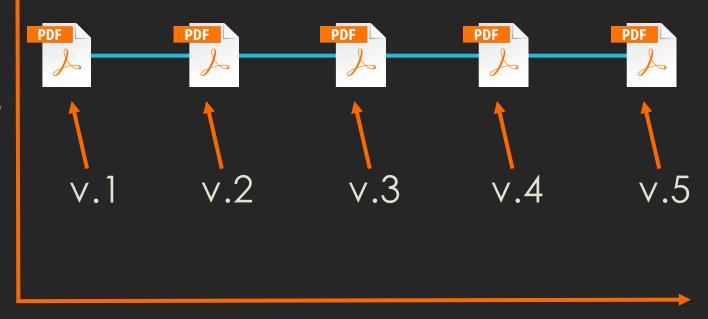


Modifications



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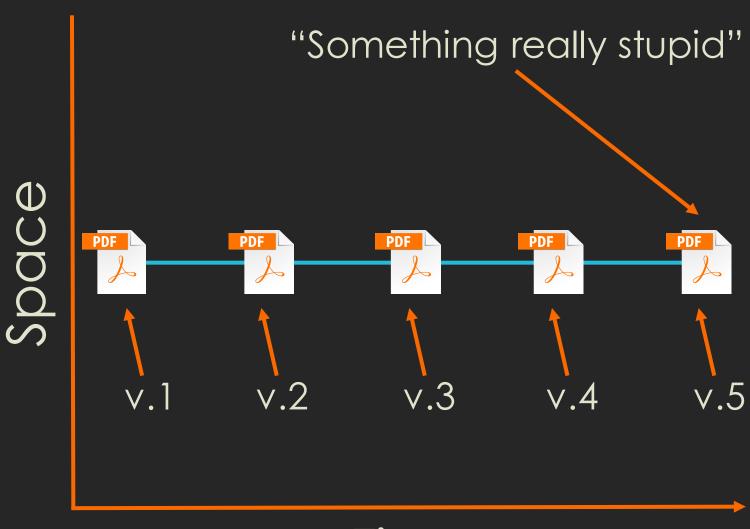




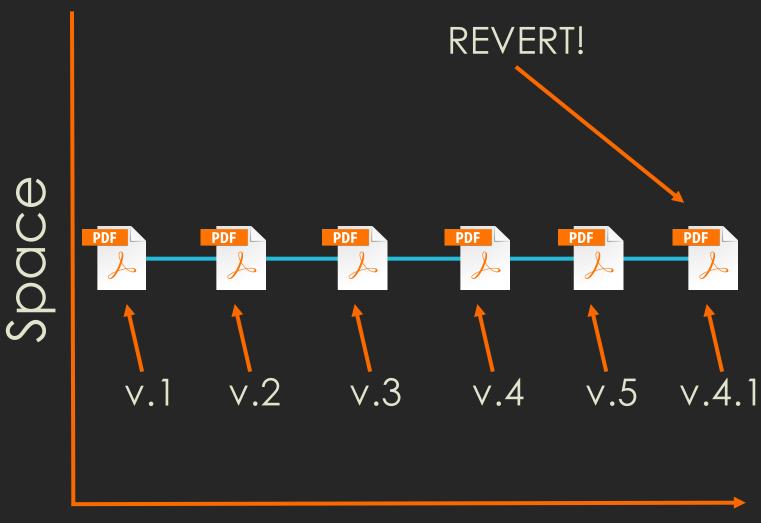
Time

	COMMENT	DATE
Q	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
φ	ENABLED CONFIG FILE PARSING	9 HOURS AGO
ď	MISC BUGFIXES	5 HOURS AGO
þ	CODE ADDITIONS/EDITS	4 HOURS AGO
Q_	MORE CODE	4 HOURS AGO
þ	HERE HAVE CODE	4 HOURS AGO
Ιþ	ARARARA	3 HOURS AGO
φ	ADKFJ5LKDFJ5DKLFJ	3 HOURS AGO
¢	MY HANDS ARE TYPING WORDS	2 HOURS AGO
þ	HAAAAAAAANDS	2 HOURS AGO

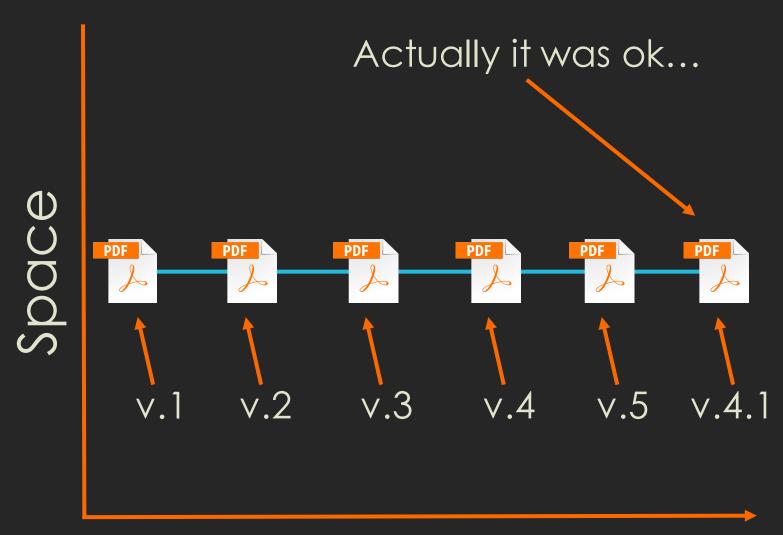
AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.



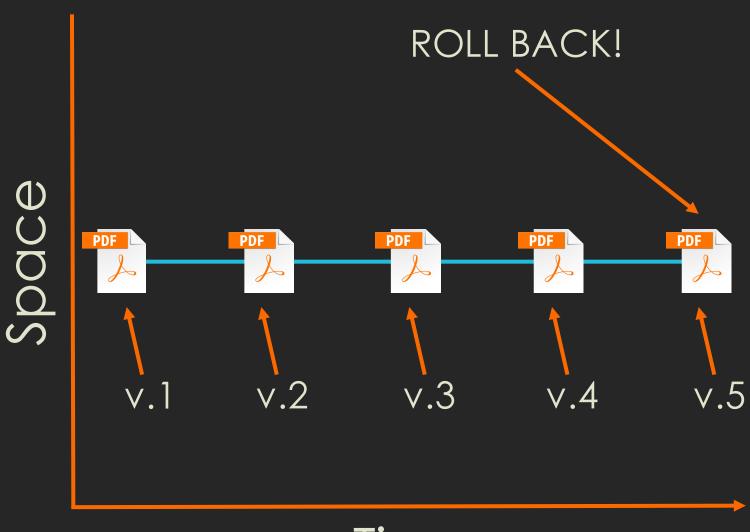
Time



Time

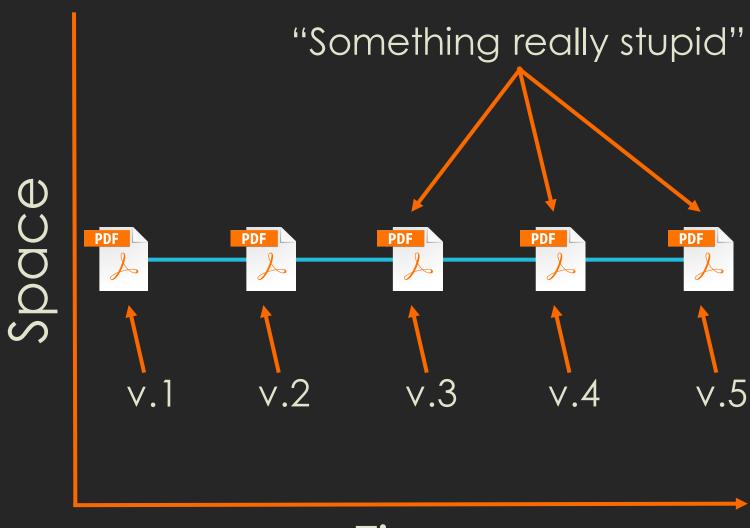


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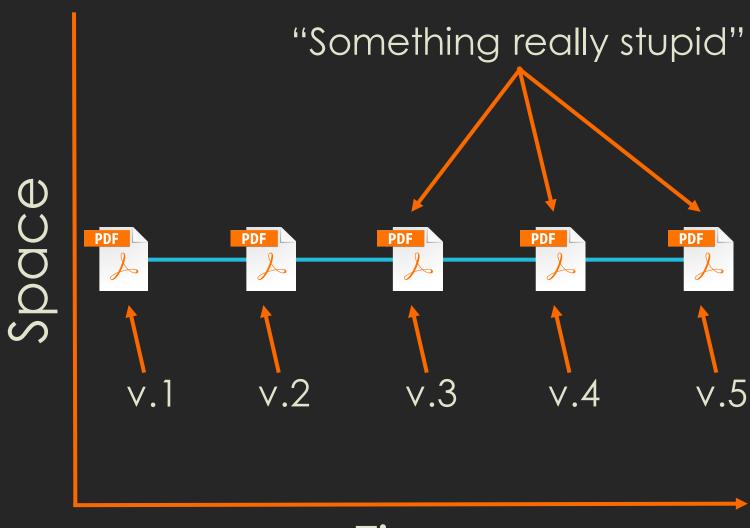


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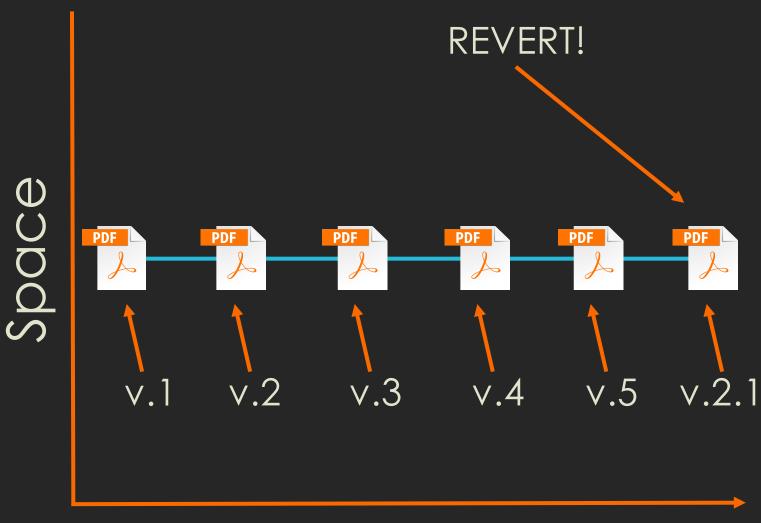
Time



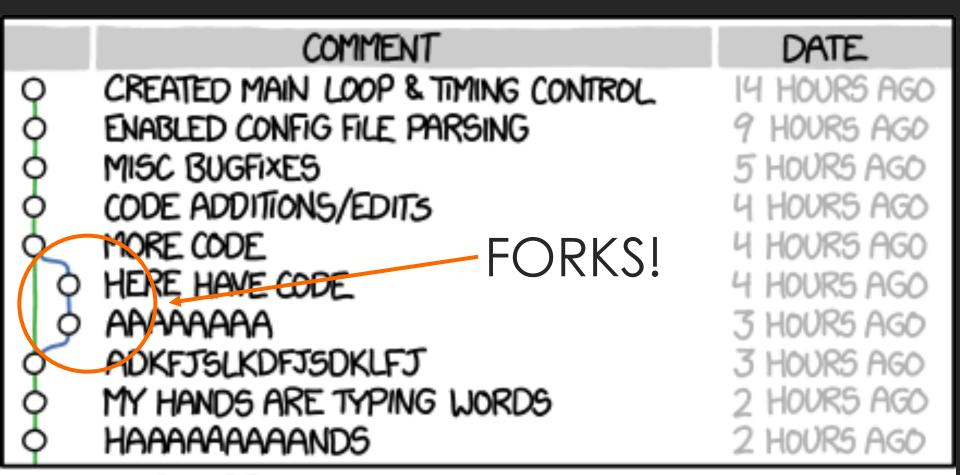
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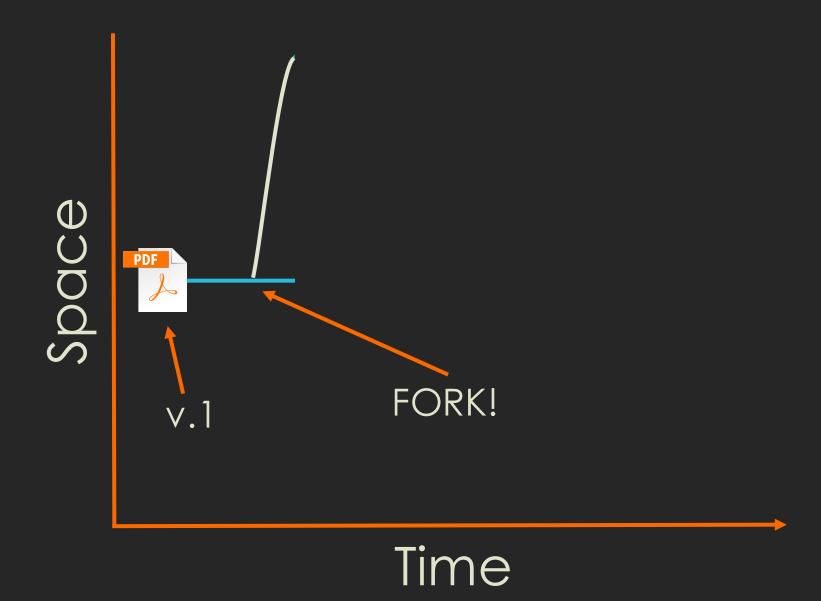
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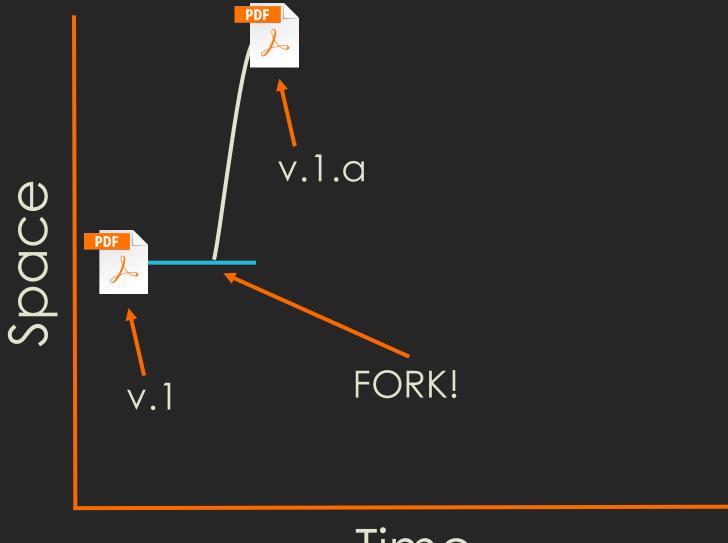


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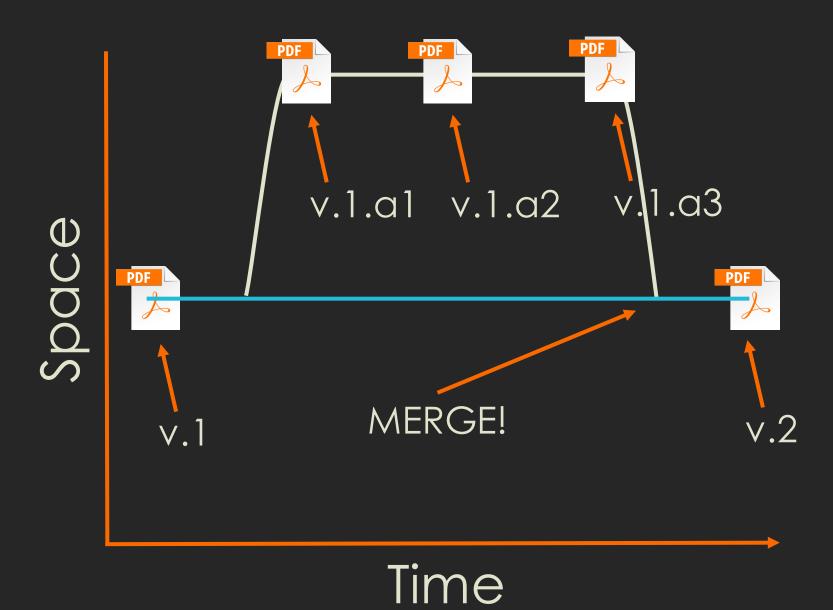


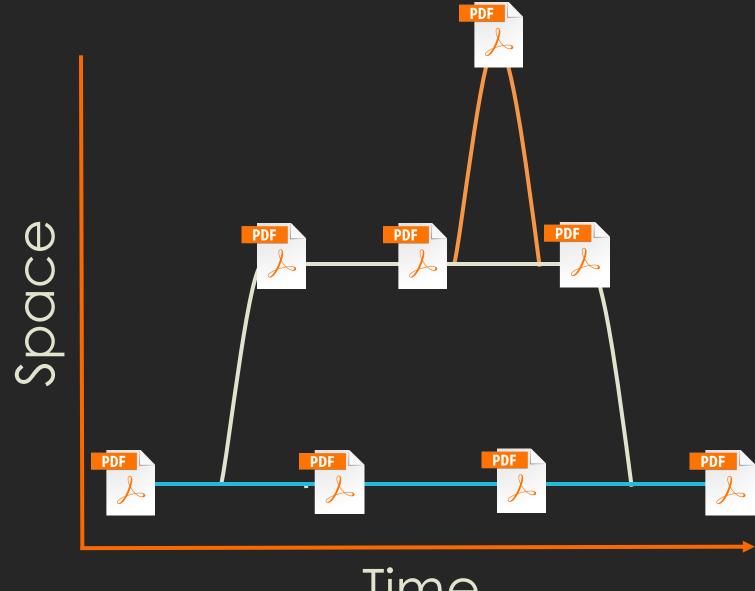
AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.



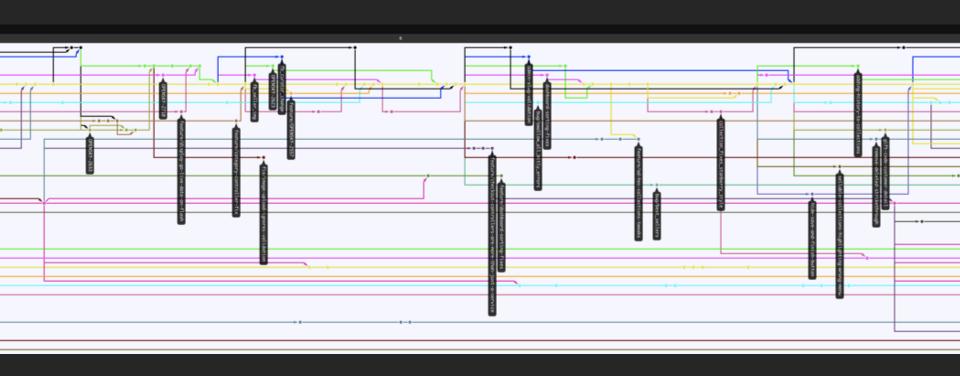


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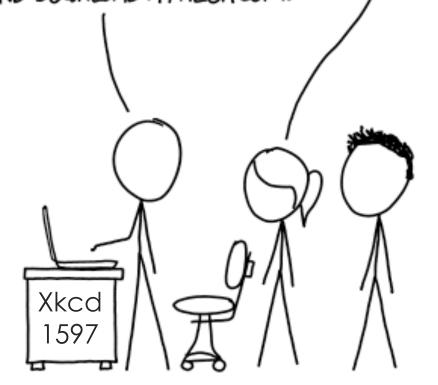
Time



GIT (language)

THIS IS GIT. IT TRACKS COLLABORATIVE WORK ON PROJECTS THROUGH A BEAUTIFUL DISTRIBUTED GRAPH THEORY TREE MODEL. COOL. HOU DO WE USE IT?

NO IDEA. JUST MEMORIZE THESE SHELL
COMMANDS AND TYPE THEM TO SYNC UP.
IF YOU GET ERRORS, SAVE YOUR WORK
ELSEWHERE, DELETE THE PROJECT,
AND DOWNLOAD A FRESH COPY.





Collaborate!

Compare ▼

C Sync

maste	ar		•—•-		─── ●───●
	abstract and conclusion 1 month ago by kanead	5 ▶	natu	ral histo	ory of scavenging.tex
					@@ -119,9 +119,9 @@ These environments are isolated from marine systems twice a day leaving potentia
	Added panic shell routine (probably n 1 month ago by TGuillerme	2 -	119	119	\cite{Niedzwiedzki2009} suggests that these environments ``would thus have allowed marine ancestors of tetrapods gradually to acquire terrestrial competence while accessing a new and essentially untouched
B	stegosaurus figure 1 month ago by kanead	8 -		120 121	resource.'' %TG: I think it's missing a transition here: maybe something along "But moving on land as it's
-	cleaned up sections 1 month ago by kanead	7 -	122		limitations"
				122	+ But it is in the air that we find scavengers par excellence.
1	Changed figure layout in summary fig			123	Flight is a cheaper means of locomotion than walking or running \citep{tucker1975energetic}.
	1 month ago by healyke		124		- Many extant birds exist as facultative scavengers; storks, eagles, corvids, are all known to take
					substantial quantities of carrion in their diet \citep{kendall2013alternative}.
10	filled in the stage	2 -		124	+ We know that many extant birds exist as facultative scavengers; storks, eagles, corvids, all take
200	1 month ago by healyke				substantial quantities of carrion in their diet \citep{kendall2013alternative}.
*	put stago into the summary figure 1 month ago by healyke	3 -	125	125	The advantage of flight can be extended further in larger species that engage in soaring instead of flapping flight, which is even cheaper still (approximately twice the basal metabolic rate) \citep{hedenstrom1993migration,spivey2014analysing}.
	updated figure with dino! (doesn't loo 1 month ago by TGuillerme	4 -		126	The benefits this confers are clear from the information we have on the enormous foraging ranges of many vultures \citep{spiegel2013factors} and seabirds \citep{thaxter2012seabird}.
			127	127	In the former case we have the best known scavengers on Earth.
1	dino carcasses 1 month ago by healyke	5 -	182	182	@@ -182,7 +182,7 @@ Their small size and poor terrestrial ability would also count against them at a Depending on the species, a carcass in water either floats or descends to the sea floor
28 C	Added carcasses on figure 1 + includ			4.5.5	\citep{Whitehead415}.
	1 month ago by TGuillerme	4 -		183	In the latter low-light environment, visual detection distances are far lower (< 100 m) than they would be in the air.
*	some more carcass figures 1 month ago by healyke	4 +		184	As such, animals detect resources through chemo- and mechanoreception more so than through vision \citep{ruxton2004energetic}.
			185		 Extant aquatic snakes are deemed as having the most suitable physiology for scavenging.
-	added some carcasses	3 ►		185	+ This is particularly relevant to extant aquatic snakes who are deemed as having the most suitable
	1 month ago by healyke				physiology for scavenging.
	analyse as depositions		186	186	A hypothesis put forth by \cite{sazima1990necrofagia} argued that chemical gradients in water would
22	snakes as detoxifiers 1 month ago by kanead	7 -			allow for a relatively easier detection of carrion.
200	i month ago by kanead		187	187	This gained some support from \cite{devault2002scavenging}, who found a preponderence of aquatic snake
28 C	Swapped some silhouettes				species in their review of this behaviour.
	1 month ago by TGuillerme	2 -		188	@@ -205,10 +205,10 @@ The question of where our ancestors placed on the hunter-scavenger axis during t

... ... @@ -205,10 +205,10 @@ The question of where our ancestors placed on the hunter-scavenger axis during t

Backup your data!

as.mulTree.R	Updated mulTree doc examples to be < 100 char/line	a month ago
as.mulTree_fun.R	External functions are now properly imported	a month ago
clean.data.R	Updated mulTree doc examples to be < 100 char/line	a month ago
clean.data_fun.R	External functions are now properly imported	a month ago
mulTree-package.R	External functions are now properly imported	a month ago
mulTree.R	Typos update to mulTree man	19 days ago
mulTree_fun.R	External functions are now properly imported	a month ago
plot.mulTree.R	Minor fixes in plot.mulTree	4 months ago
plot.mulTree_fun.R	Added plot.mulTree function - TESTED	4 months ago
read.mulTree.R	Updated mulTree doc examples to be < 100 char/line	a month ago
read.mulTree_fun.R	read.mulTree fun - DONE and TESTED!	4 months ago
sanitizing.R	External functions are now properly imported	a month ago
summary.mulTree.R	Updated summary.mulTree to 1.2.1	4 months ago
summary.mulTree_fun.R	External functions are now properly imported	a month ago
tree.bind.R	tree.bind typo	4 months ago

4 months ago

tree.bind fun done - TESTED OK

tree.bind_fun.R

Share your science!

mulTree

build passing DOI 10.5281/zenodo.31742

This package is based on the MCMCglmm package and runs a MCMCglmm analysis on multiple trees. This code has been used prior to this package release in Healy et. al. (2014). Please send me an email or a pull request if you find/have any issue using this package.

Installing mulTree

```
if(!require(devtools)) install.packages("devtools")
library(devtools)
install_github("TGuillerme/mulTree", ref = "release")
library(mulTree)
```

The following installs the latest released version (see patch notes below). For the piping hot development version (not recommended), replace the ref="release" option by ref="master". If you're using the master branch, see the latest developement in the patch note.

Note that many code architecture have changed from version 1.2 onwards (including proper testing!). If you wish to use older "clunky" version, you can download former releases here.