

"FINAL".doc



FINAL.doc!



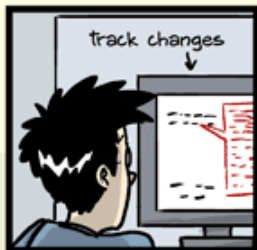
FINAL_rev.2.doc



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FINAL_rev.8.comments5.
CORRECTIONS.doc



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

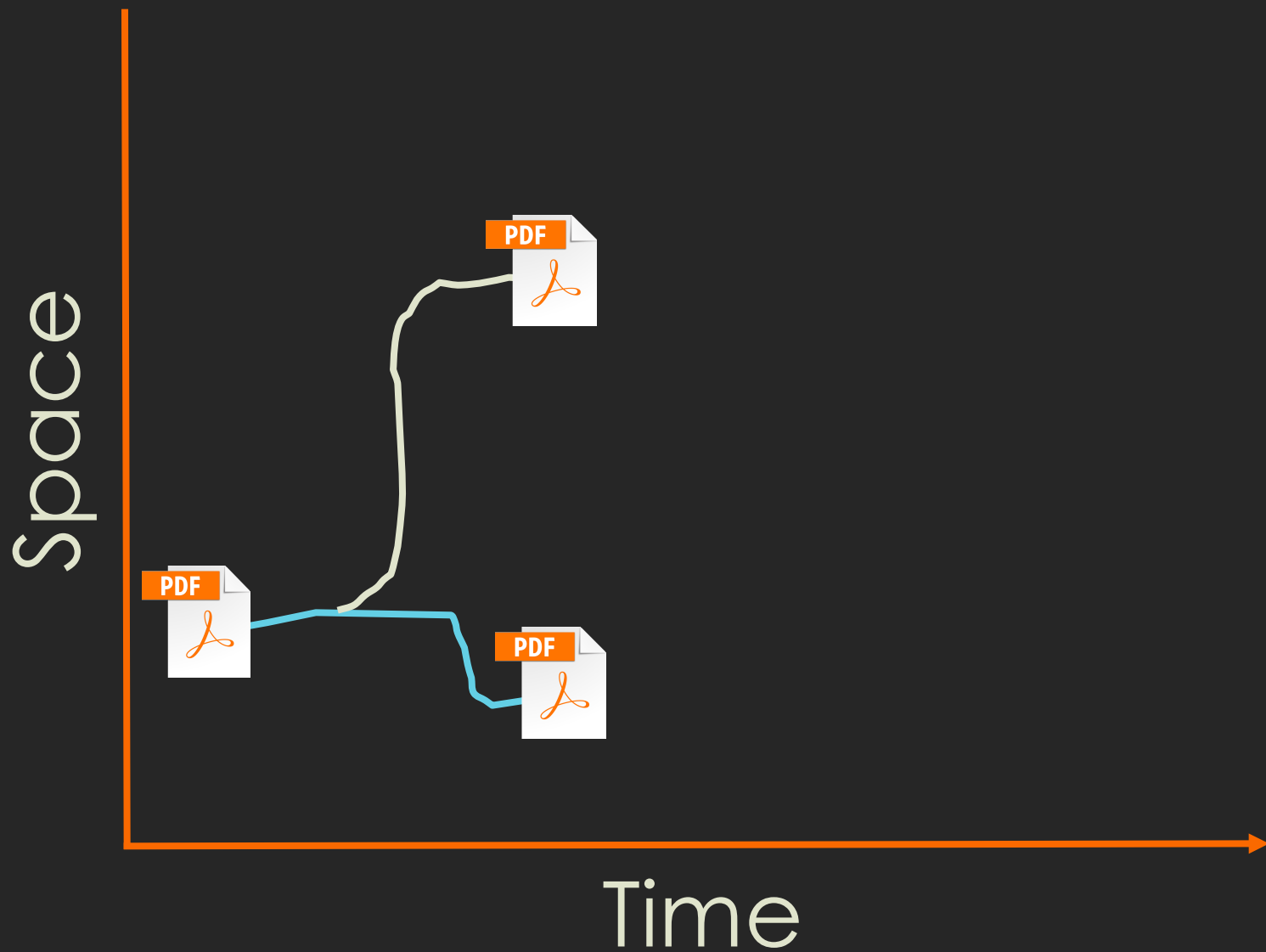


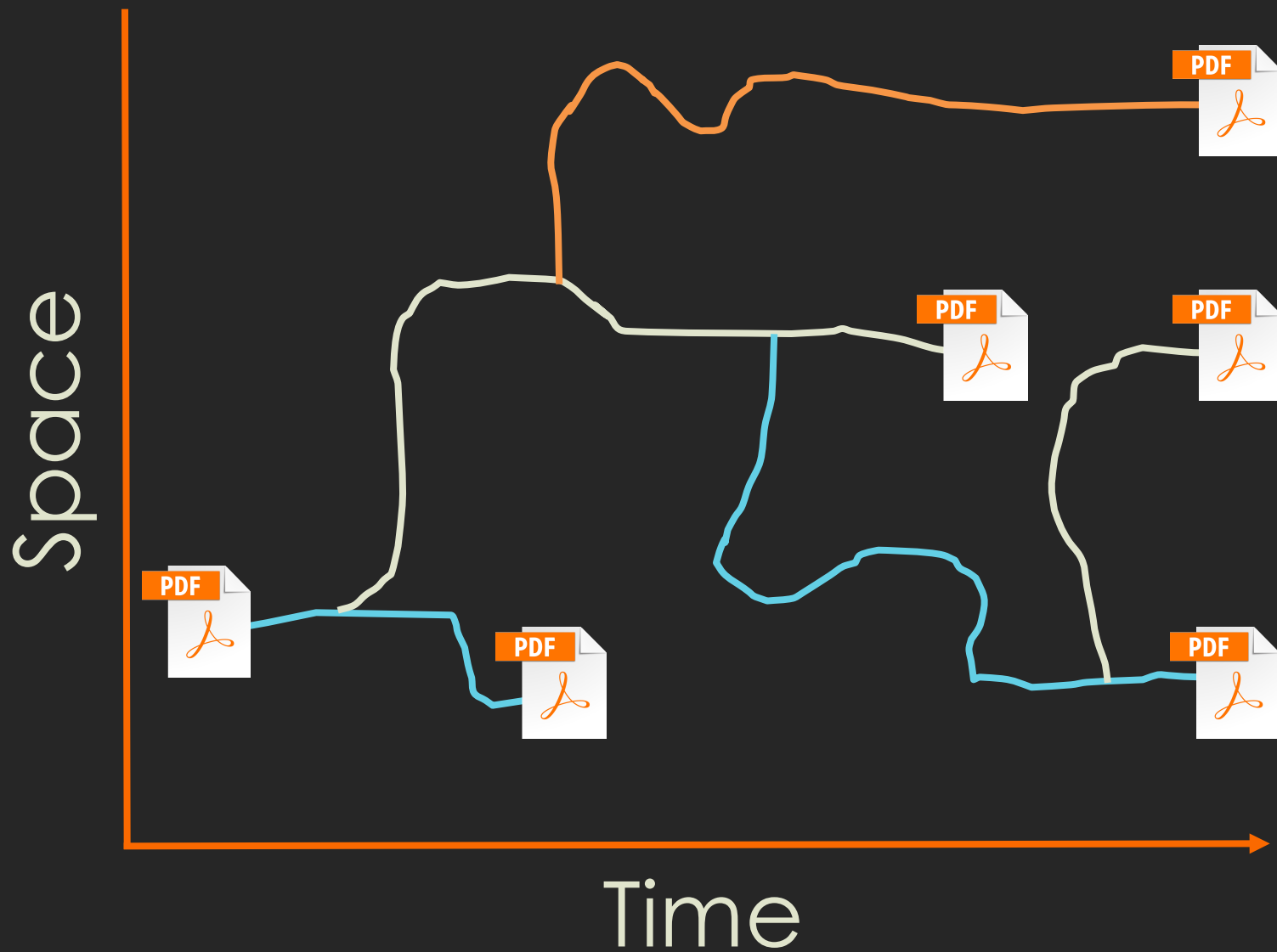
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corrections.10.#@\$%WHYDID
ICOMETOGRADSCHOOL?????.doc

Space

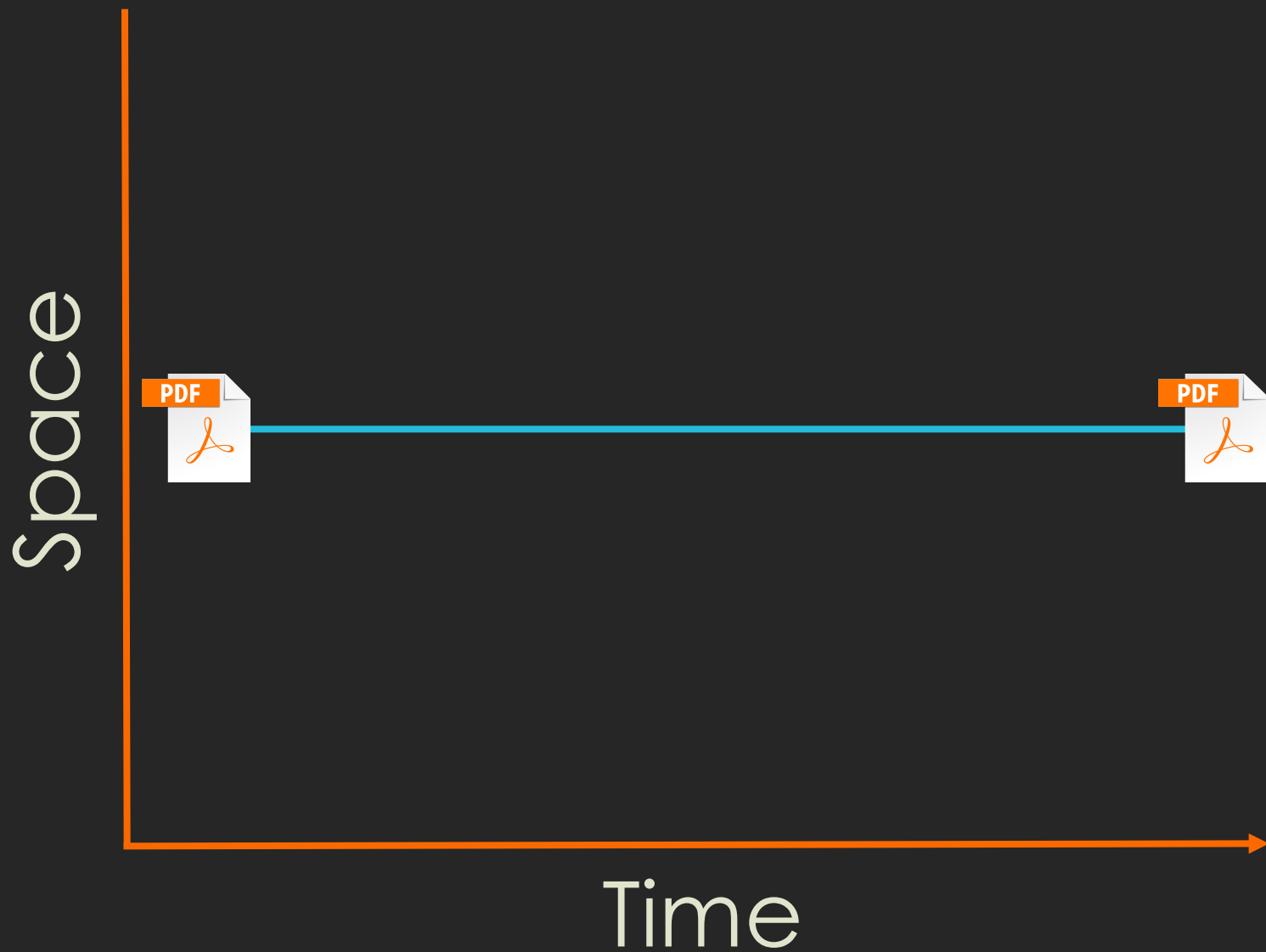


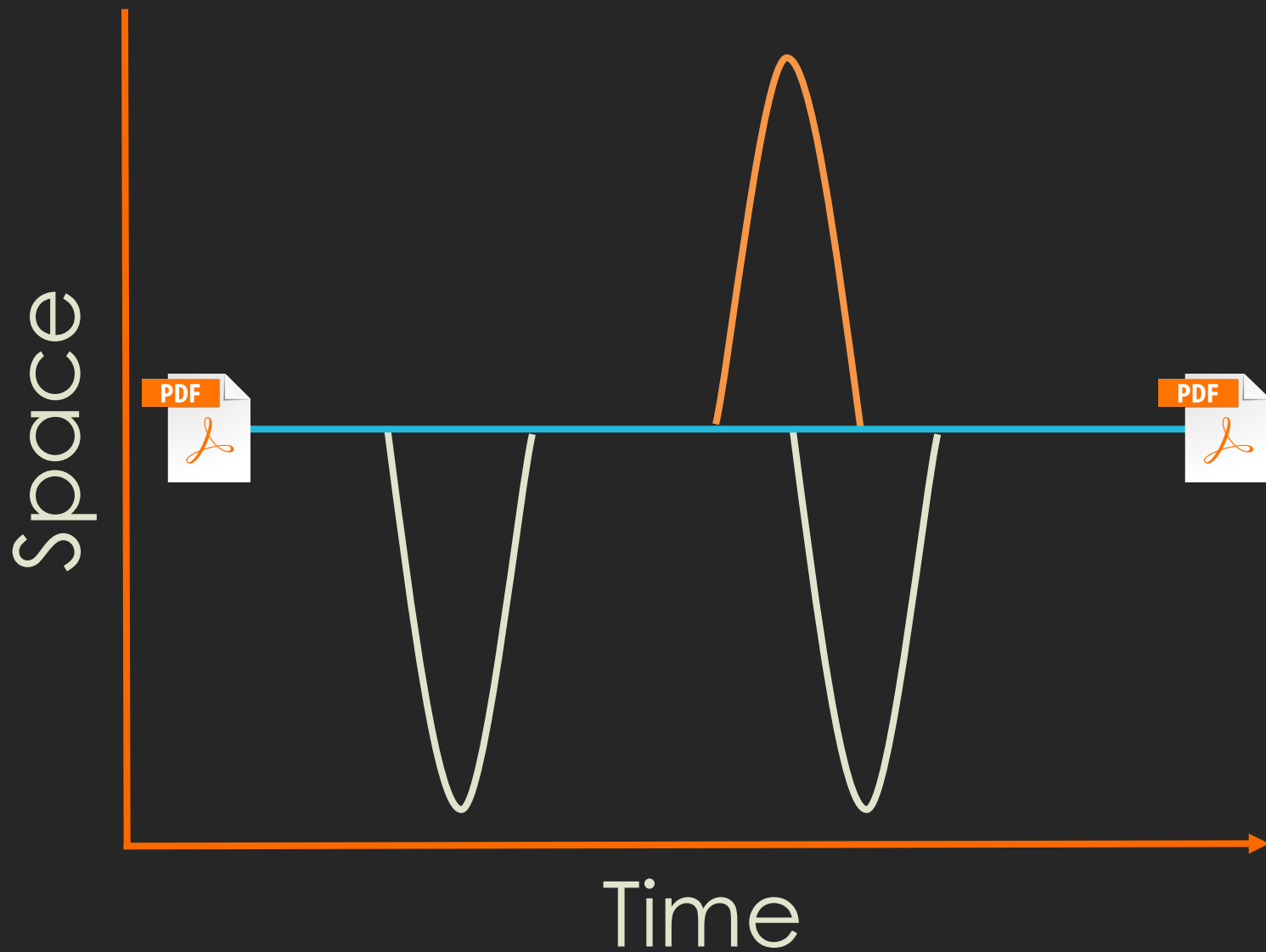
Time

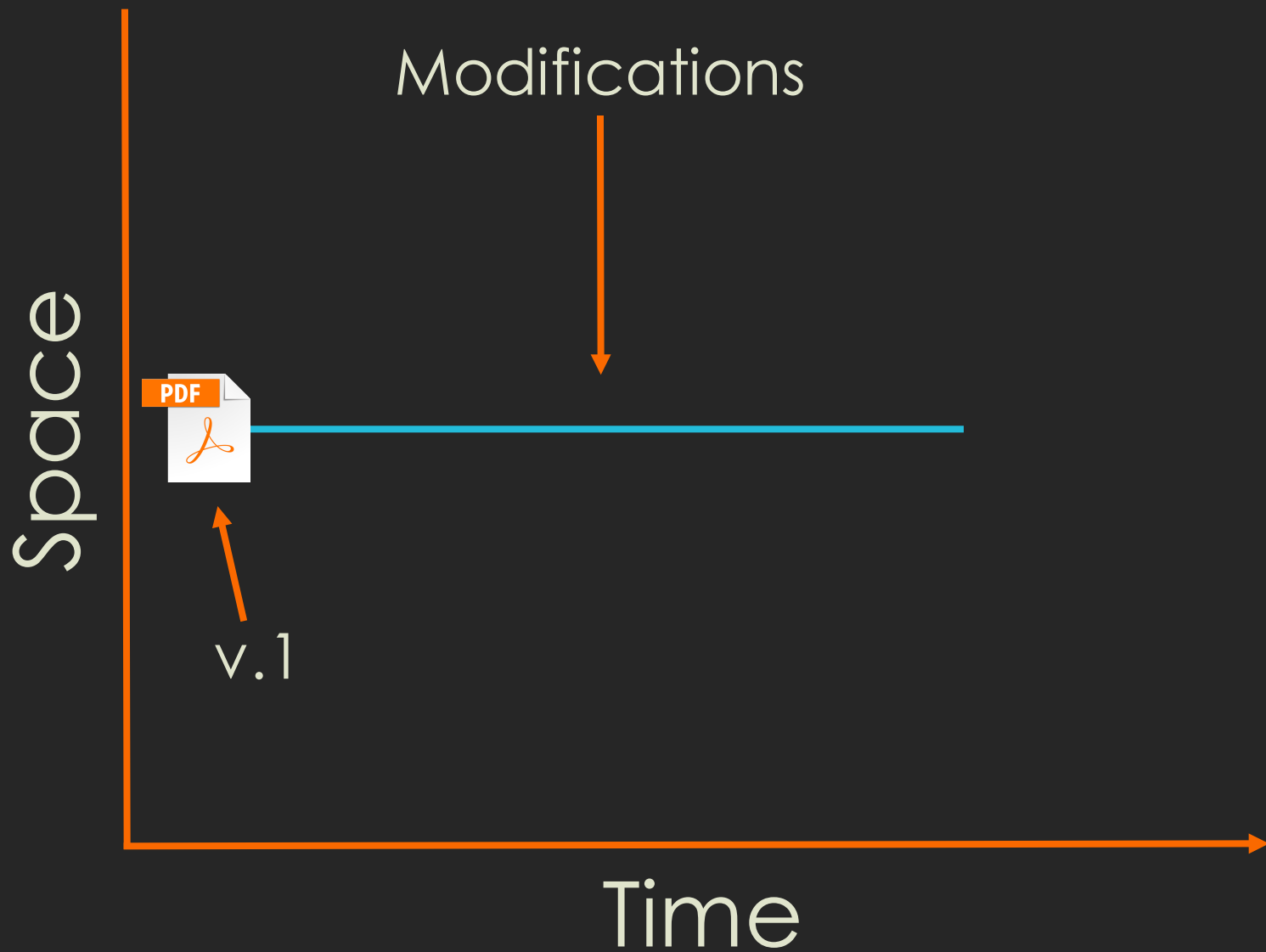


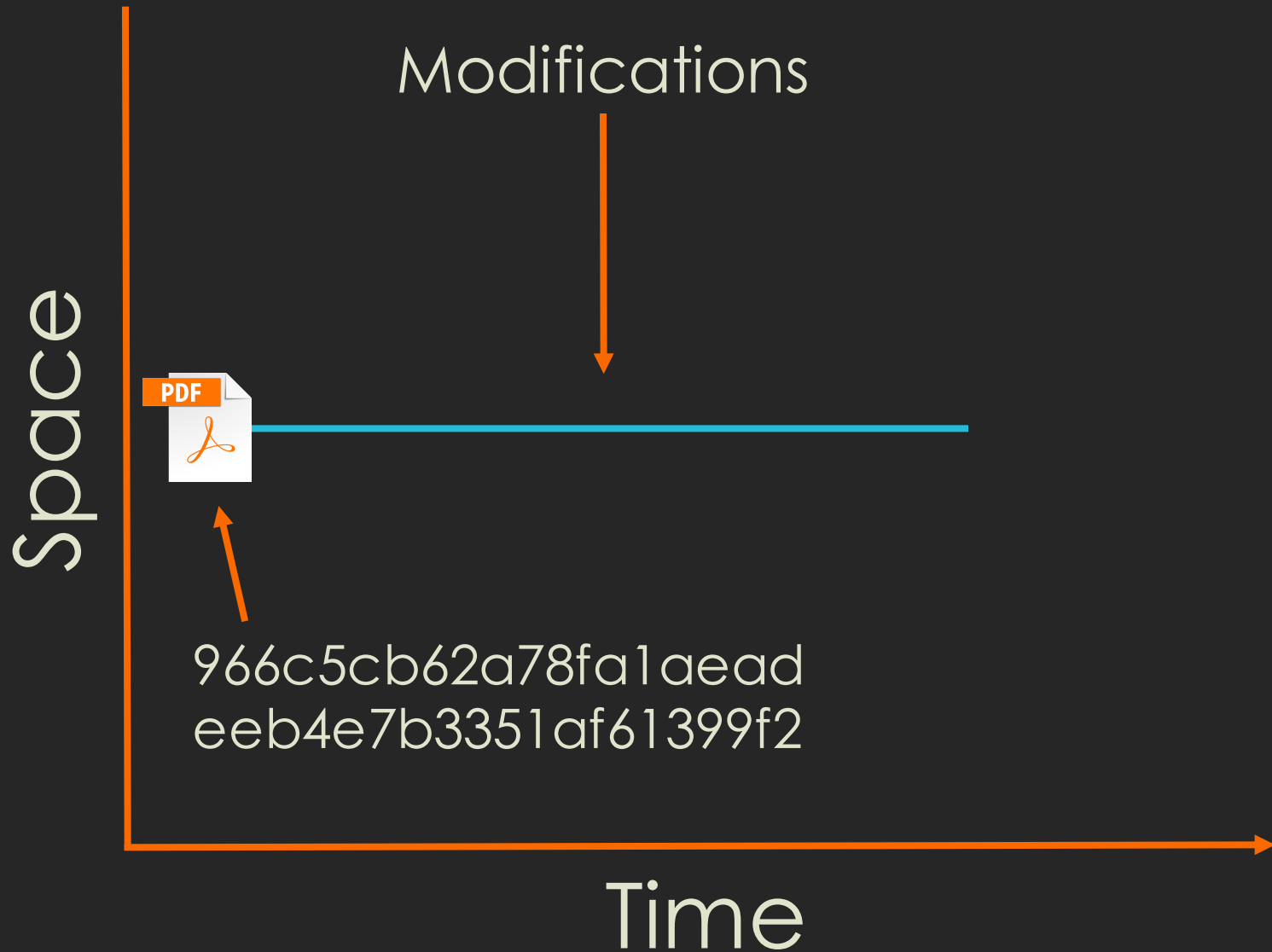


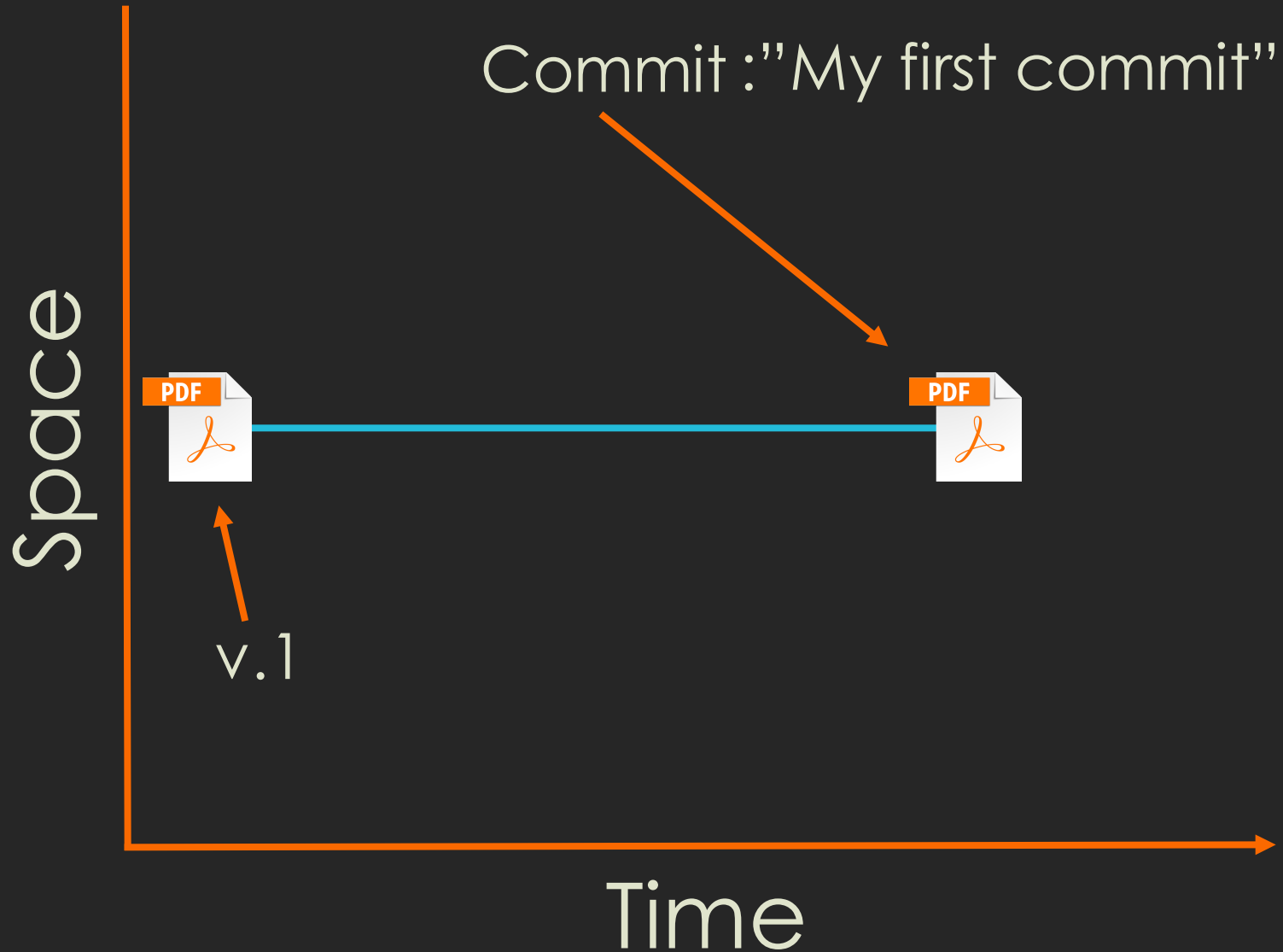
VERSION CONTROL:
one document,
one place,
all the time!

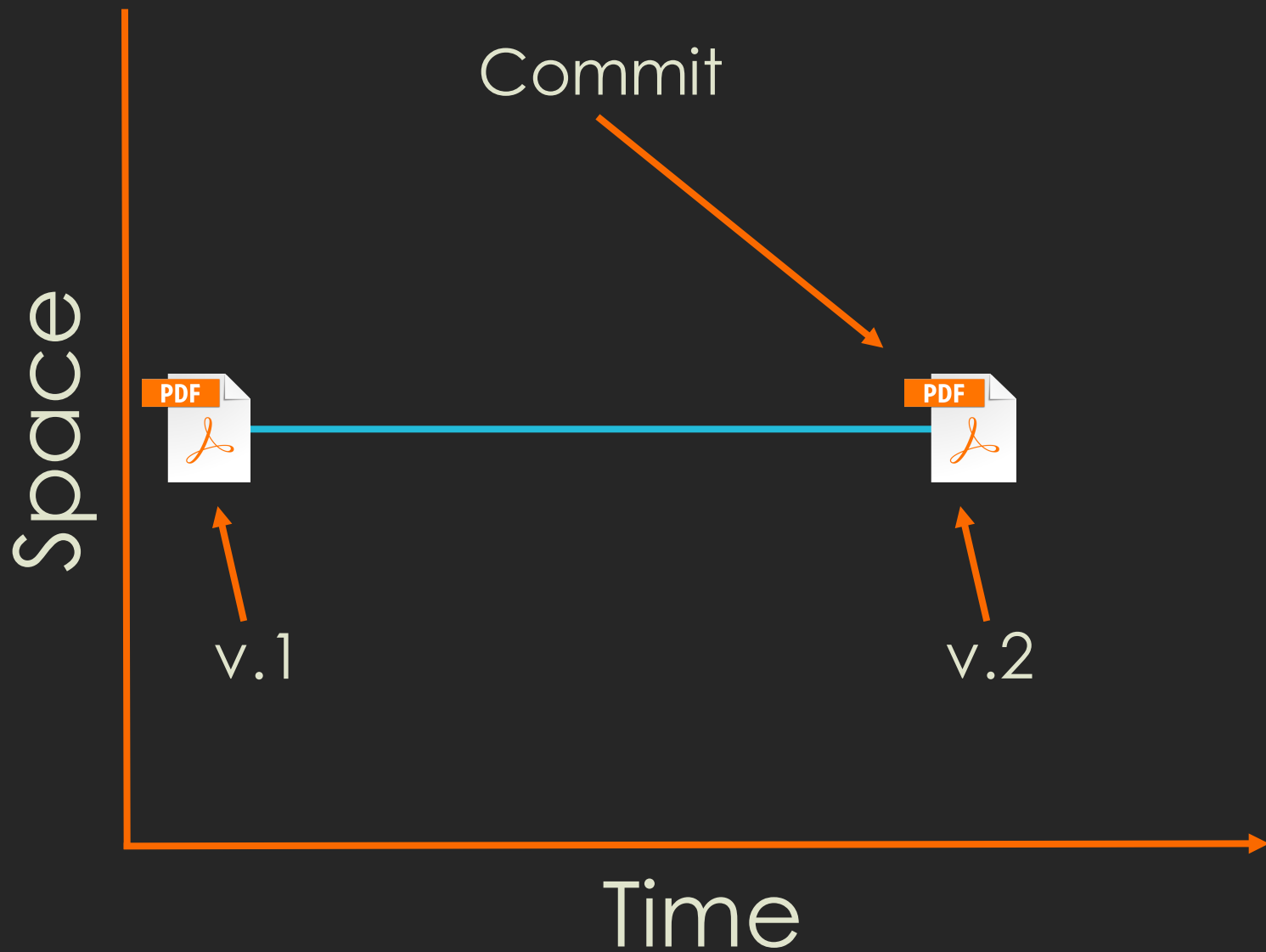


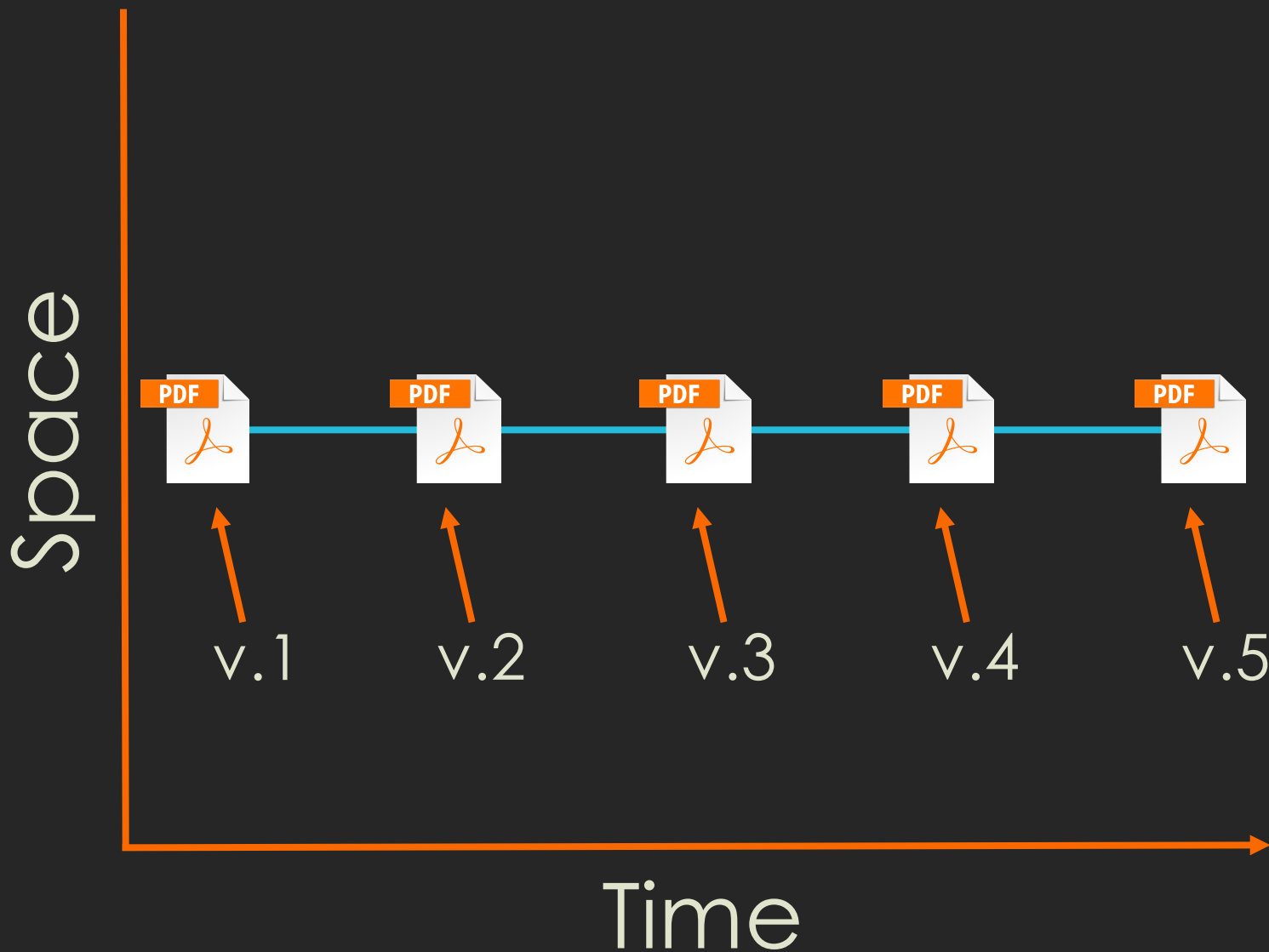






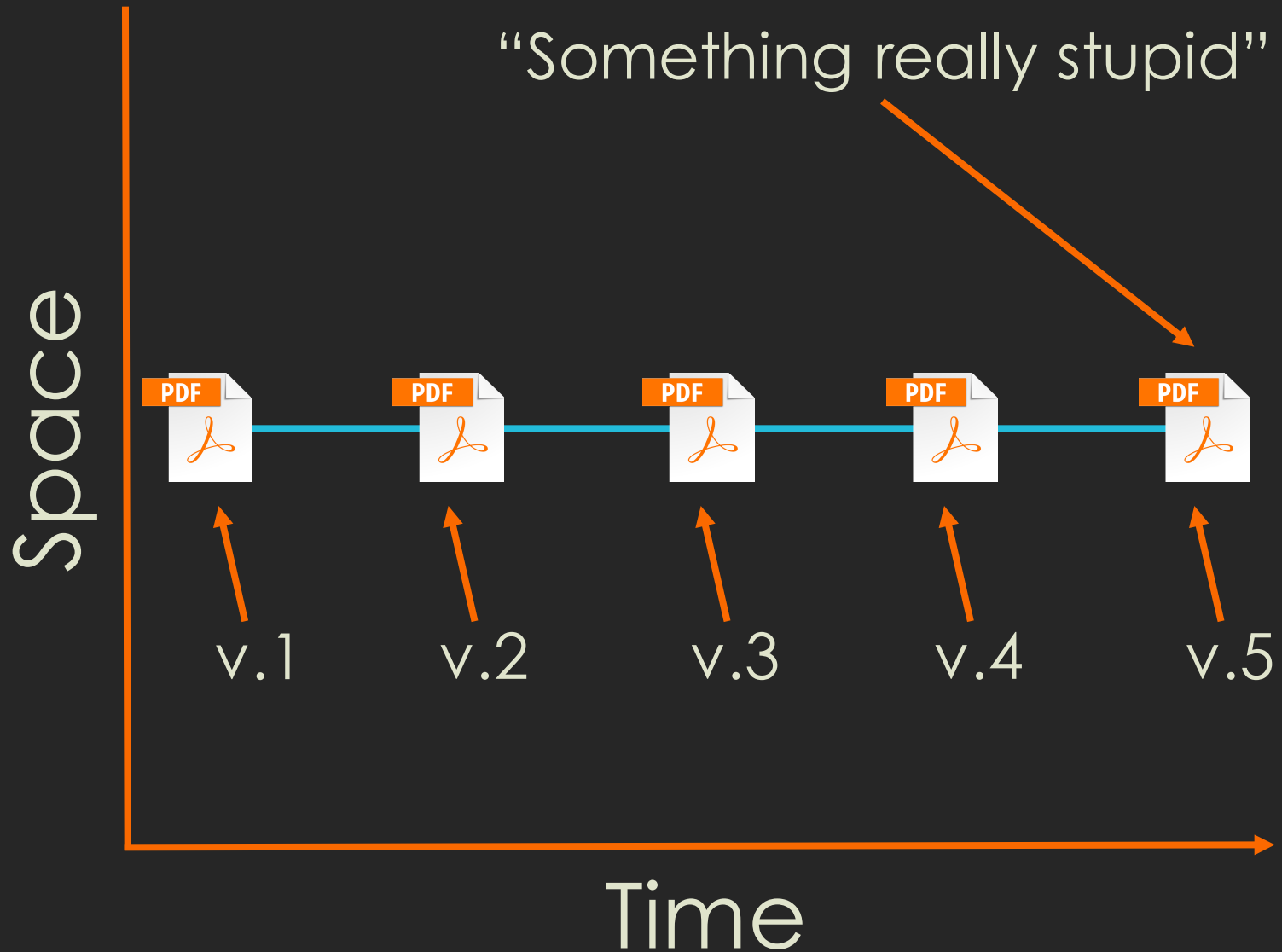


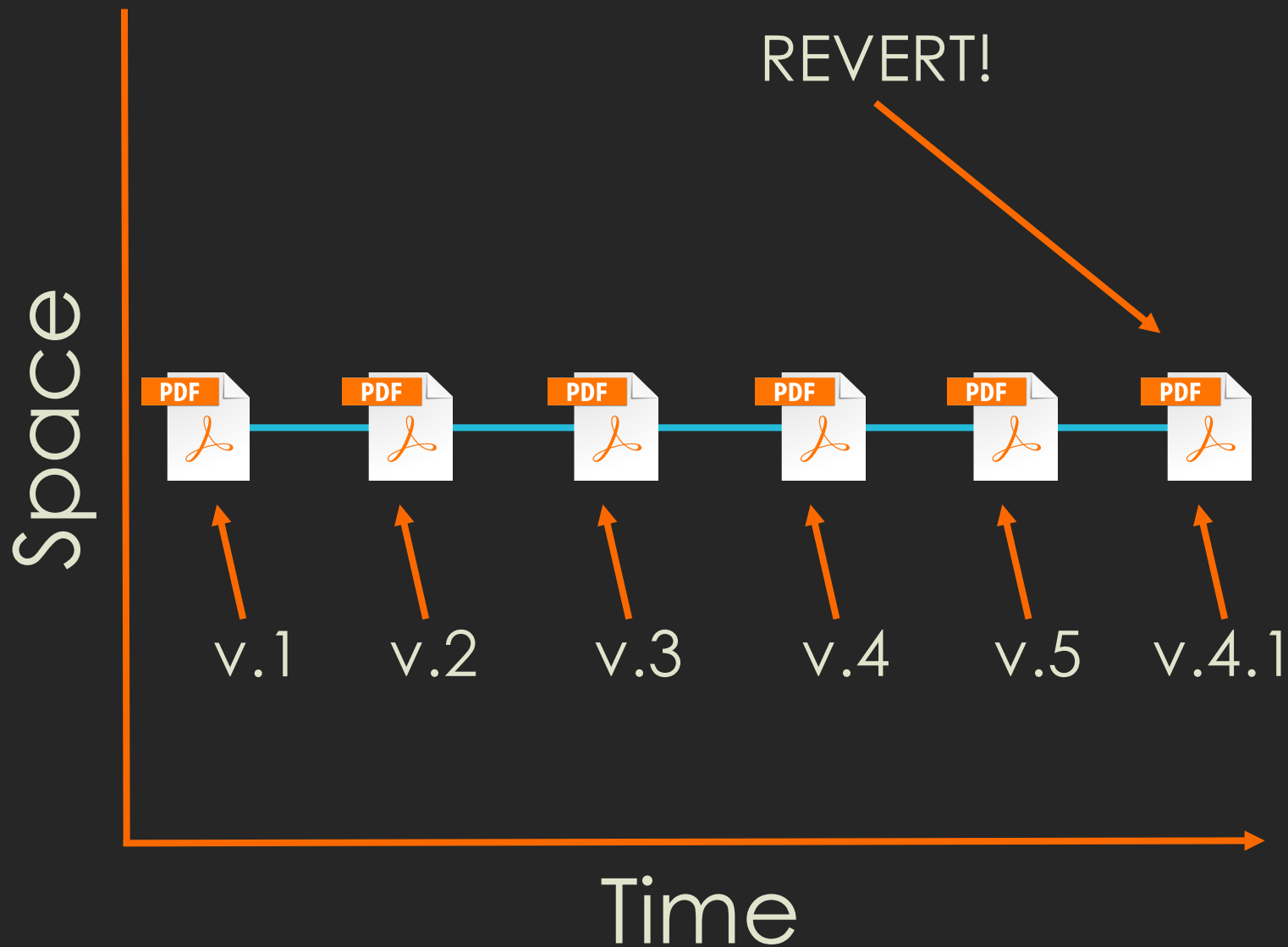


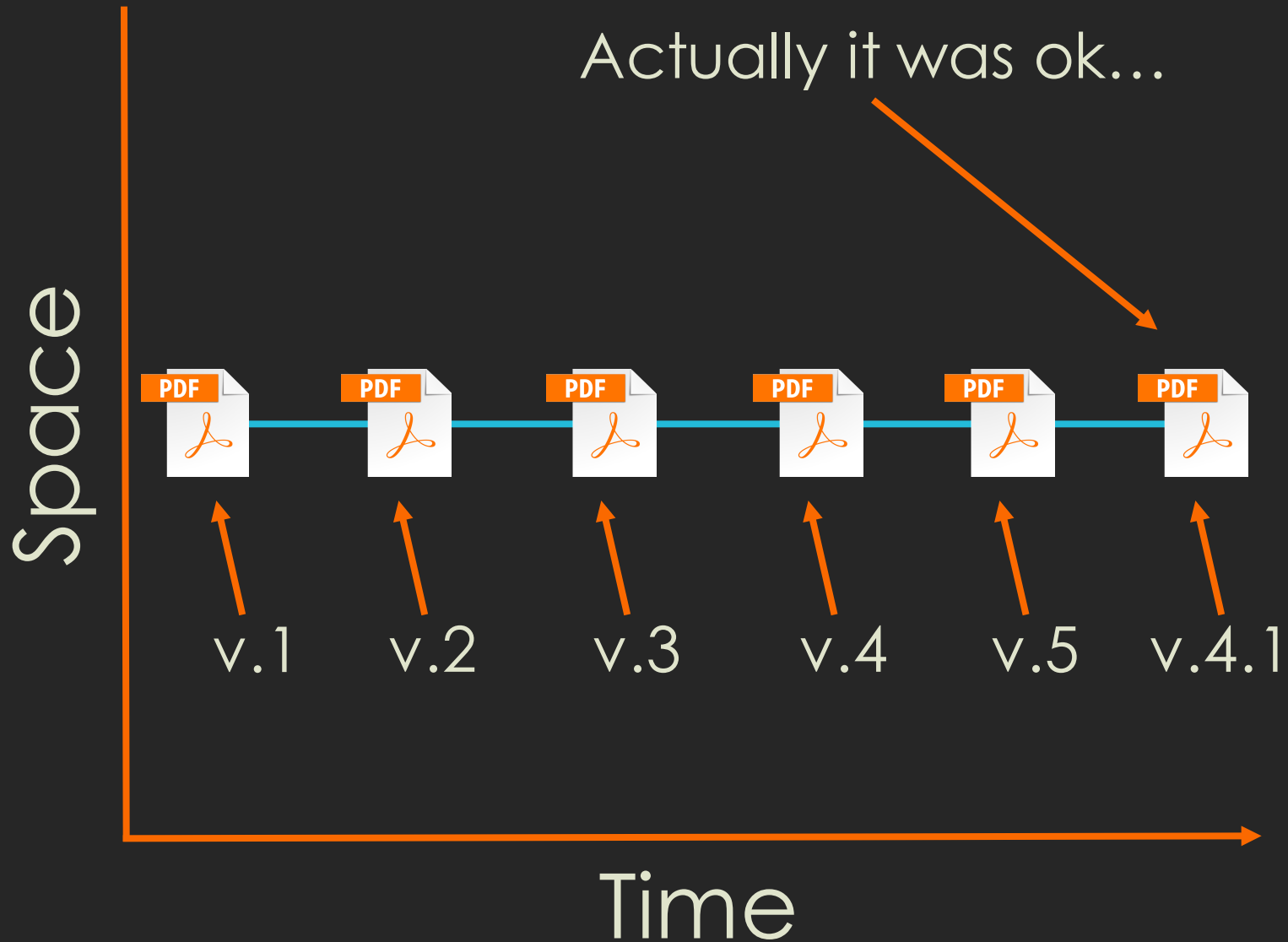


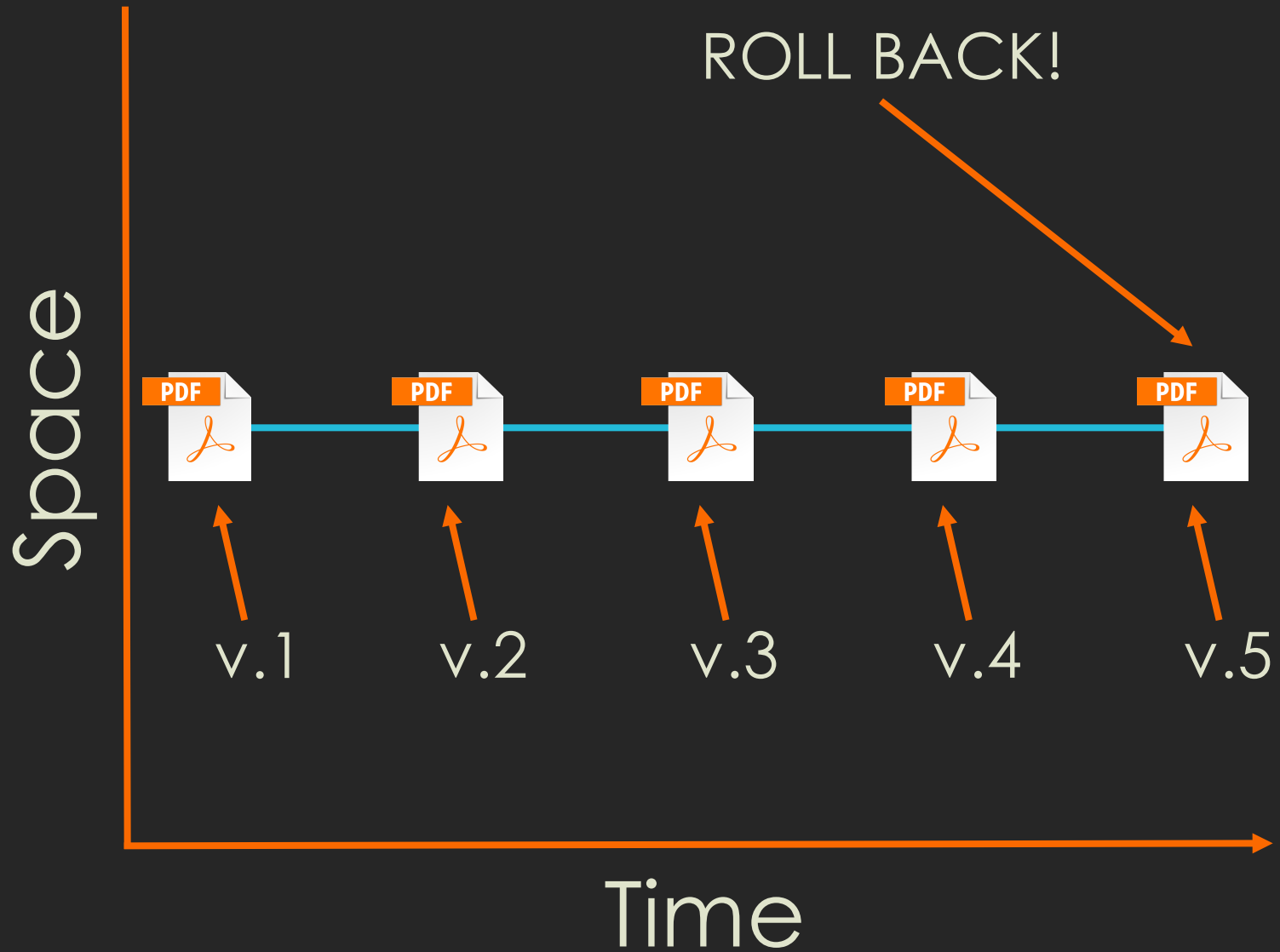
	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE	4 HOURS AGO
○	AAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

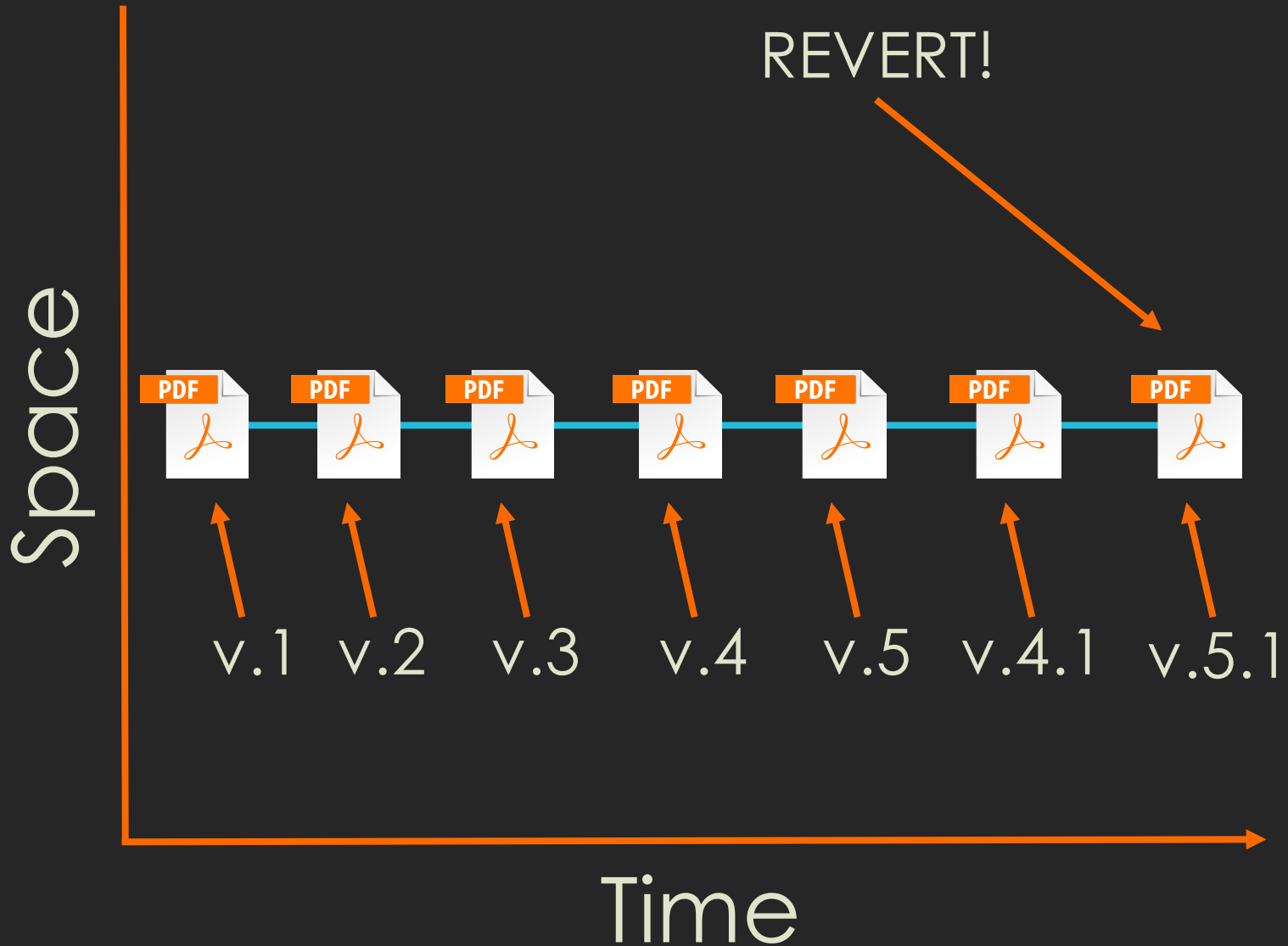
AS A PROJECT DRAGS ON, MY GIT COMMIT
MESSAGES GET LESS AND LESS INFORMATIVE.

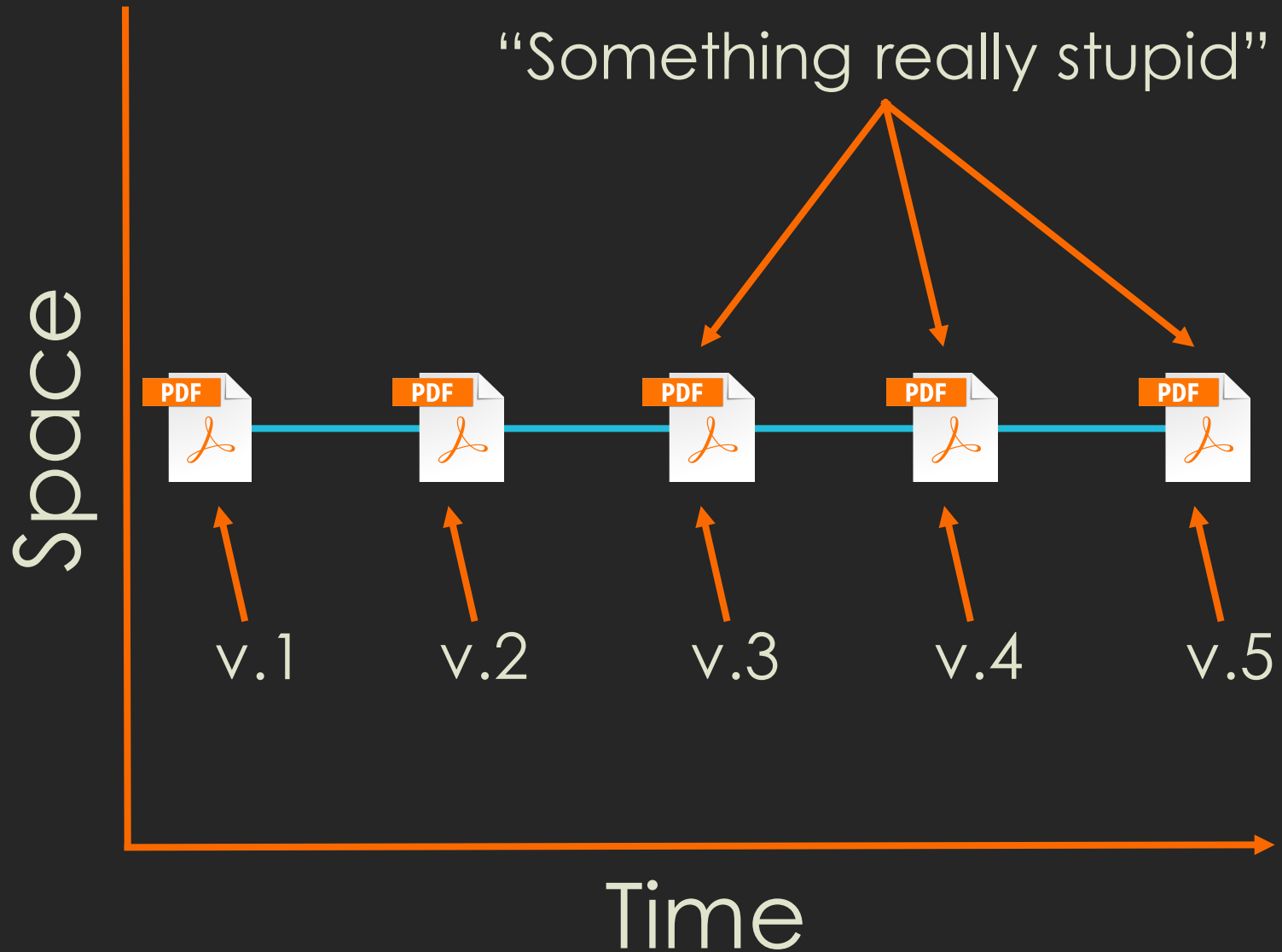


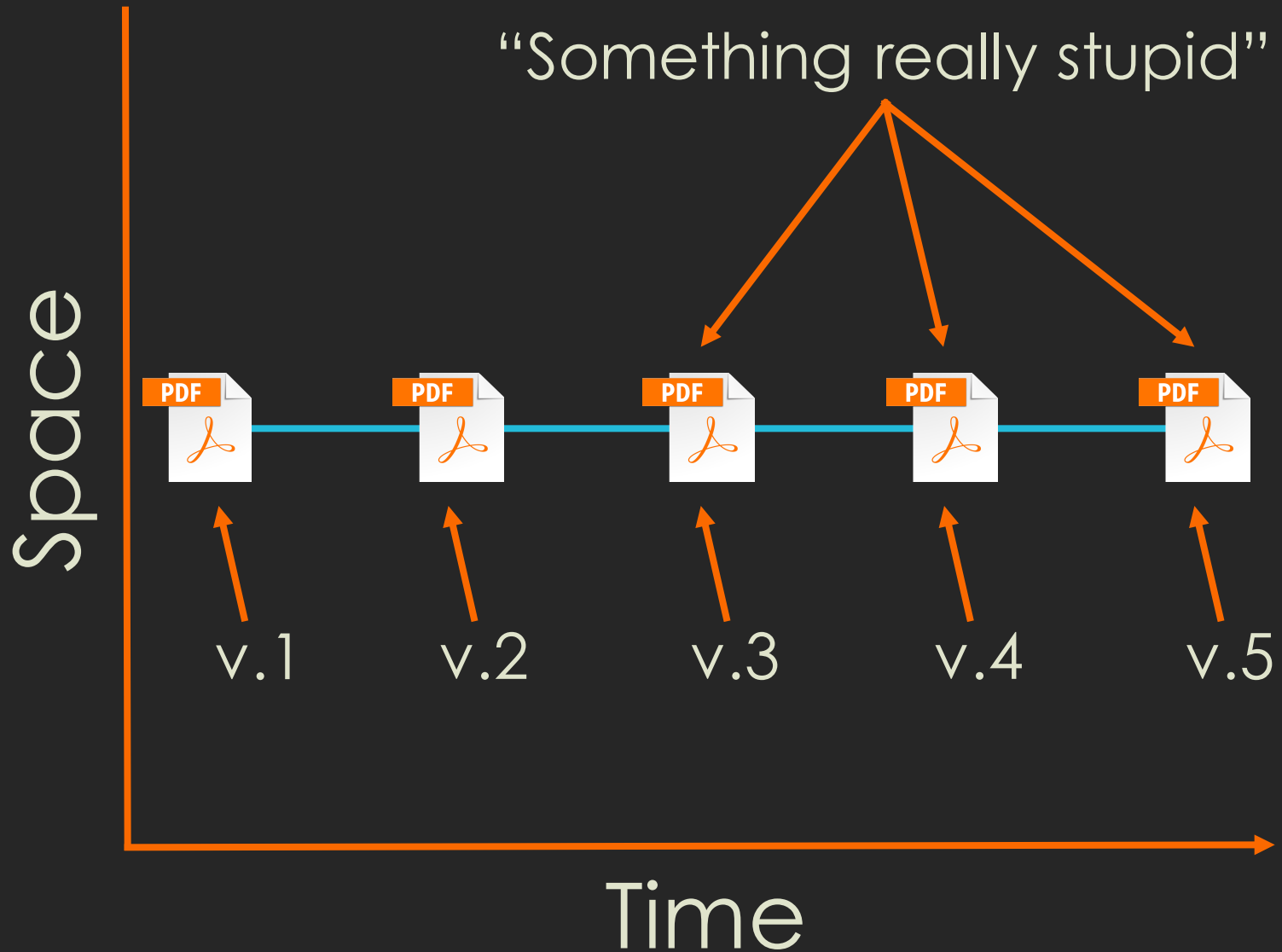


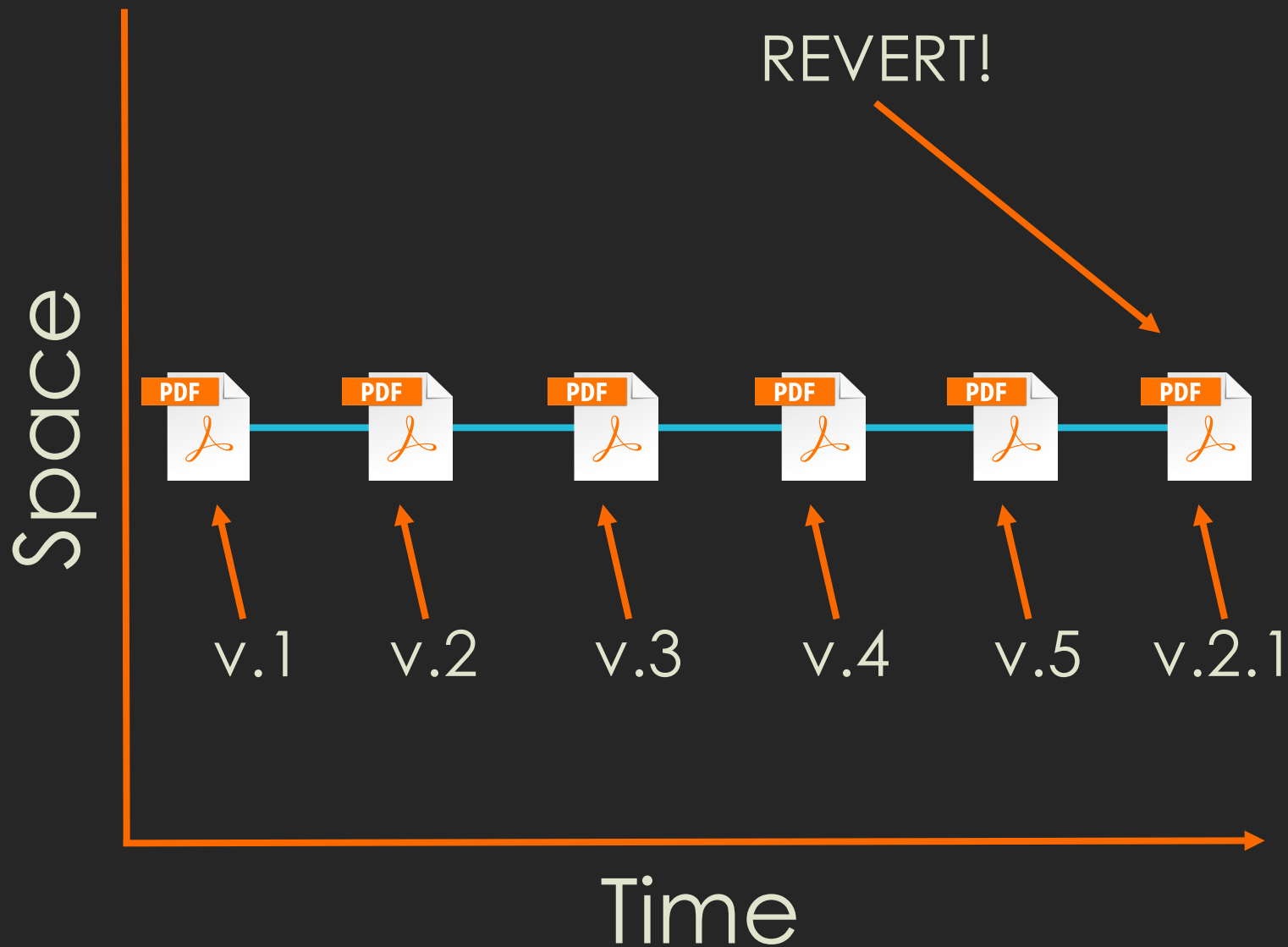








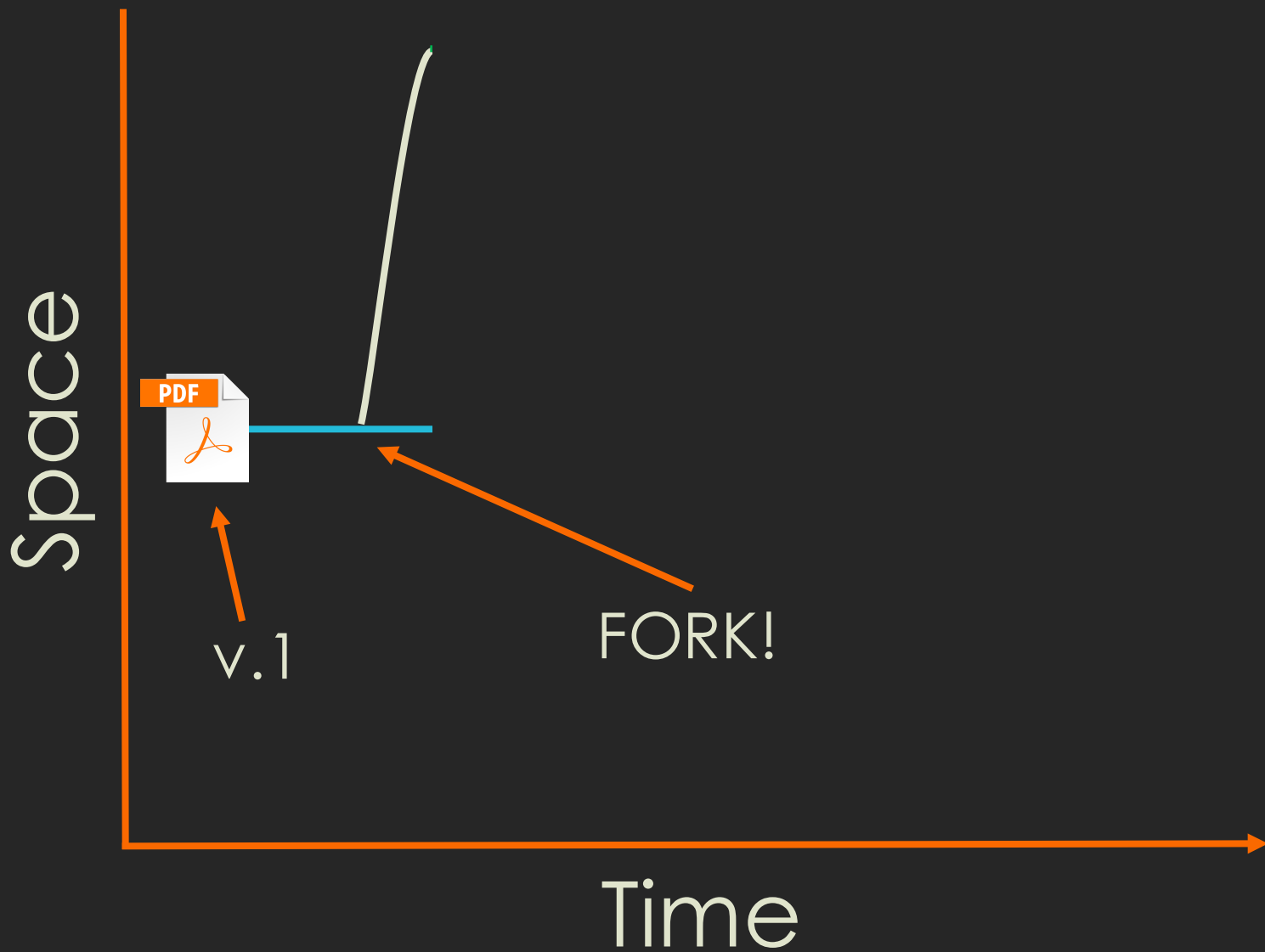


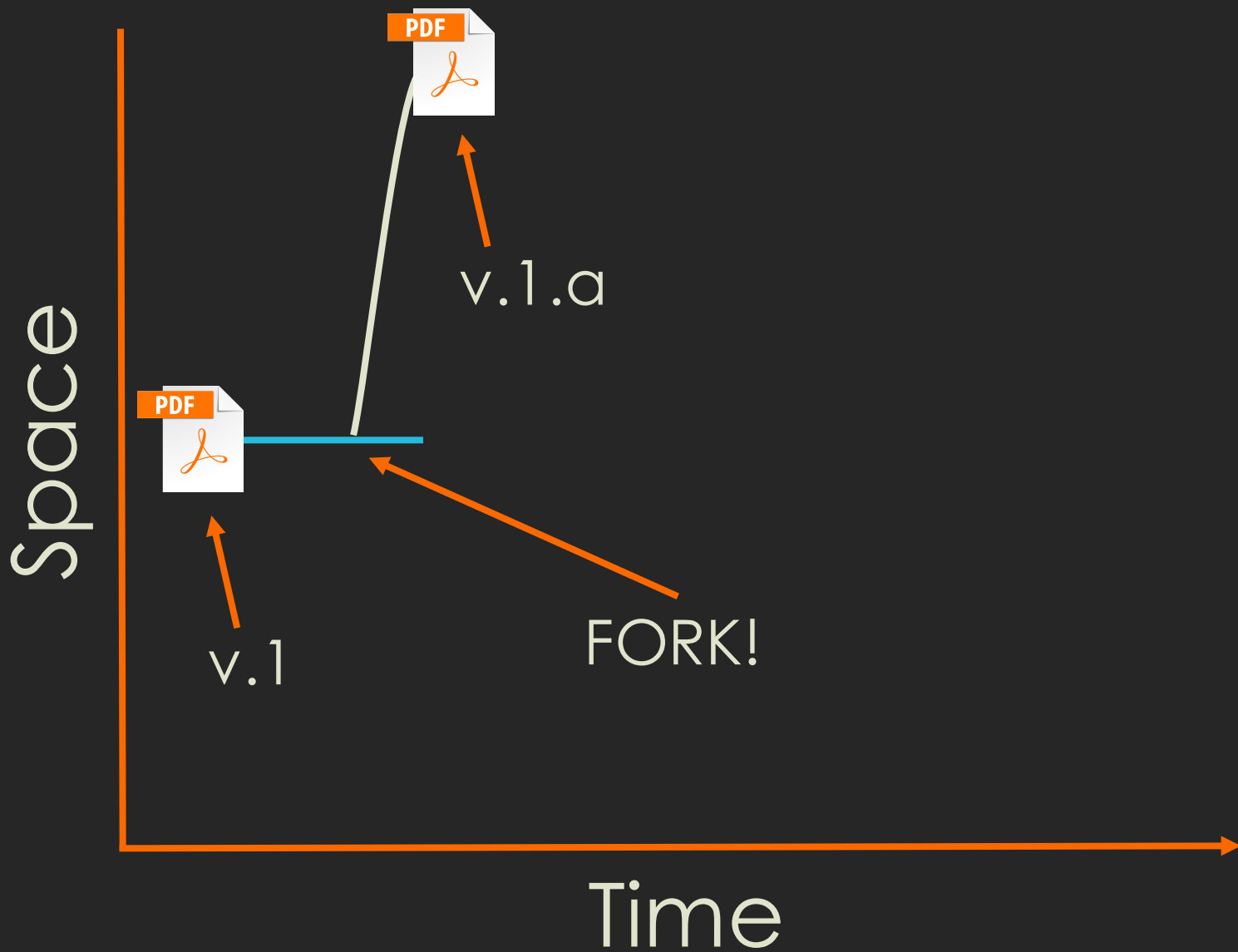


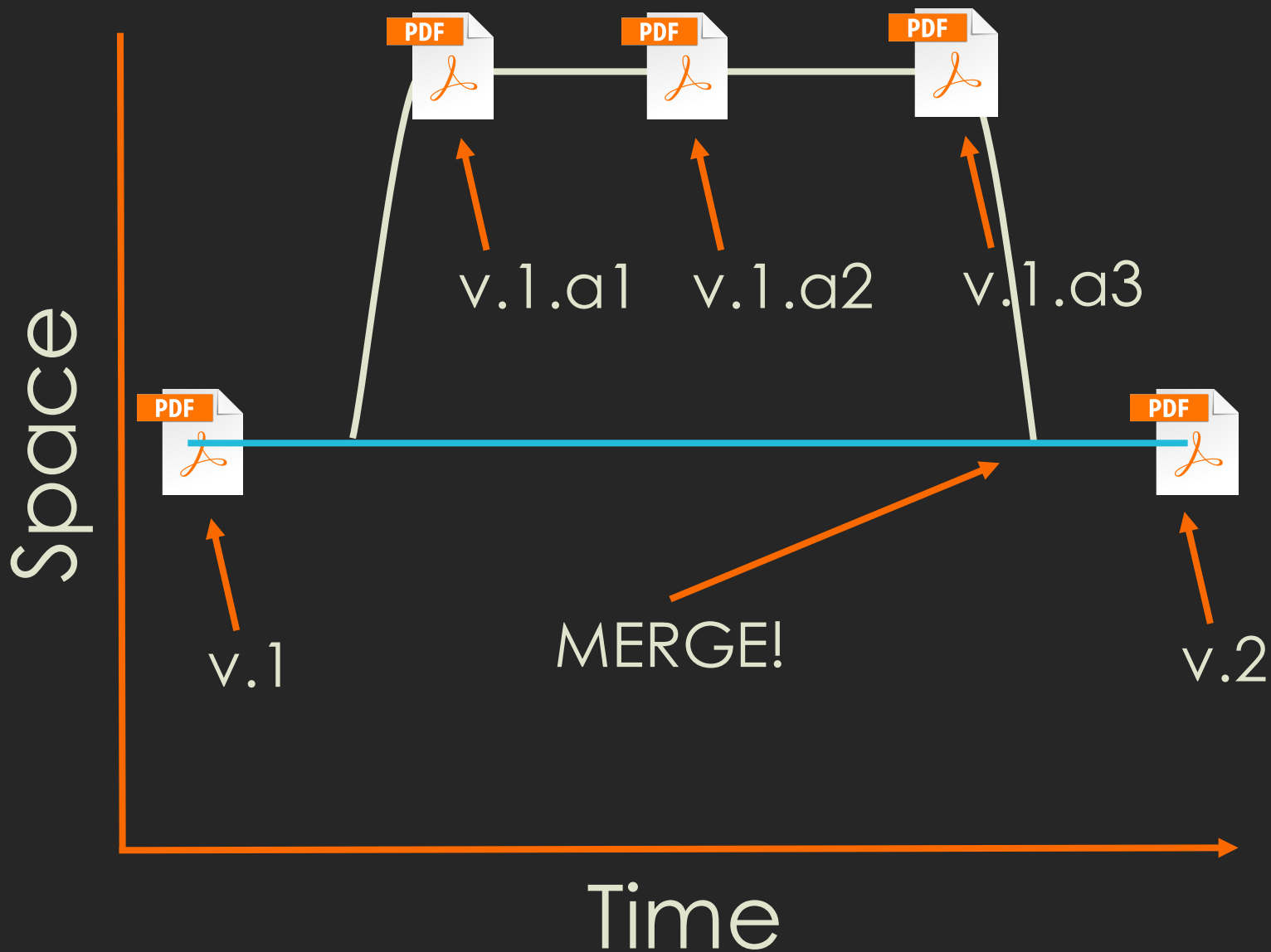
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○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
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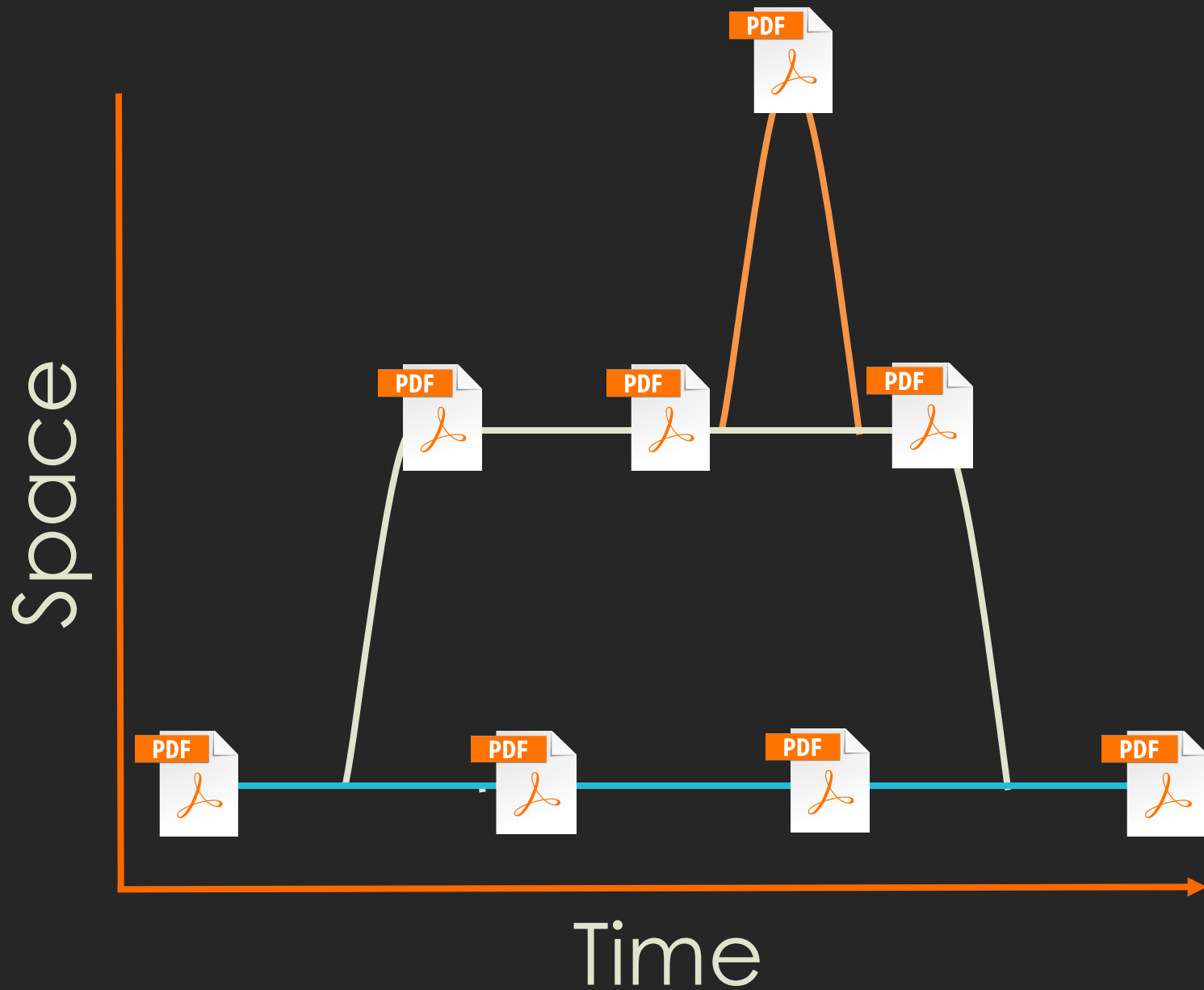
FORKS!

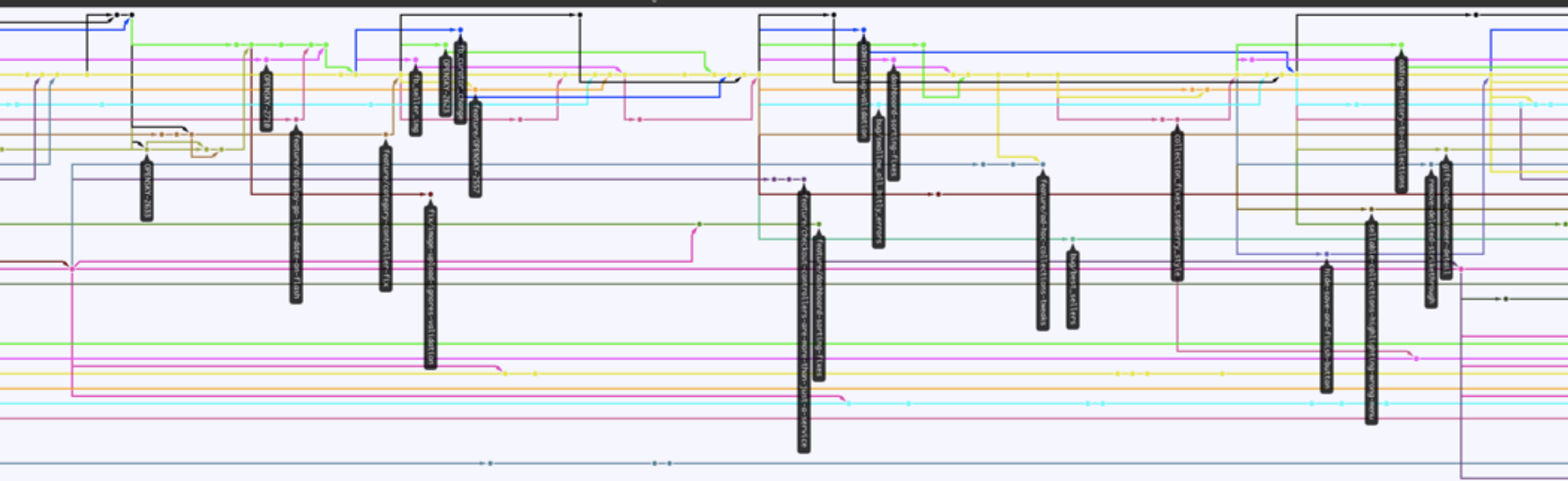
AS A PROJECT DRAGS ON, MY GIT COMMIT
MESSAGES GET LESS AND LESS INFORMATIVE.











GIT

(language)

THIS IS GIT. IT TRACKS COLLABORATIVE WORK ON PROJECTS THROUGH A BEAUTIFUL DISTRIBUTED GRAPH THEORY TREE MODEL.

COOL. HOW 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 ▾

Sync

master

-  **abstract and conclusion**
1 month ago by kanead 5 ▸
-  **Added panic shell routine (probably n...**
1 month ago by TGuillierme 2 ▸
-  **stegosaurus figure**
1 month ago by kanead 8 ▸
-  **cleaned up sections**
1 month ago by kanead 7 ▸
-  **Changed figure layout in summary fig**
1 month ago by healyke
-  **filled in the stage**
1 month ago by healyke 2 ▸
-  **put stago into the summary figure**
1 month ago by healyke 3 ▸
-  **updated figure with dino! (doesn't loo...**
1 month ago by TGuillierme 4 ▸
-  **dino carcasses**
1 month ago by healyke 5 ▸
-  **Added carcasses on figure 1 + includ...**
1 month ago by TGuillierme 4 ▸
-  **some more carcass figures**
1 month ago by healyke 4 ▸
-  **added some carcasses**
1 month ago by healyke 3 ▸
-  **snakes as detoxifiers**
1 month ago by kanead 7 ▸
-  **Swapped some silhouettes**
1 month ago by TGuillierme 2 ▸

natural history of scavenging.tex

```
... @@ -119,9 +119,9 @@ These environments are isolated from marine systems twice a day leaving potentia
119 119 \cite{Niedzwiadzki2009} suggests that these environments ``would thus have allowed marine ancestors of
tetrapods gradually to acquire terrestrial competence while accessing a new and essentially untouched
resource.''

120 120
121 121 %TG: I think it's missing a transition here: maybe something along "But moving on land as it's
limitations..."

122 -
122 + But it is in the air that we find scavengers par excellence.
123 123 Flight is a cheaper means of locomotion than walking or running \cite{tucker1975energetic}.
124 - Many extant birds exist as facultative scavengers; storks, eagles, corvids, are all known to take
substantial quantities of carrion in their diet \cite{kendall2013alternative}.
124 + We know that many extant birds exist as facultative scavengers; storks, eagles, corvids, all take
substantial quantities of carrion in their diet \cite{kendall2013alternative}.

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)
\cite{hedenstrom1993migration,spivey2014analysing}.

126 126 The benefits this confers are clear from the information we have on the enormous foraging ranges of
many vultures \cite{spiegel2013factors} and seabirds \cite{thaxter2012seabird}.

127 127 In the former case we have the best known scavengers on Earth.
... @@ -182,7 +182,7 @@ Their small size and poor terrestrial ability would also count against them at a
182 182 Depending on the species, a carcass in water either floats or descends to the sea floor
\cite{Whitehead415}.

183 183 In the latter low-light environment, visual detection distances are far lower (< 100 m) than they
would be in the air.

















184 184 As such, animals detect resources through chemo- and mechanoreception more so than through vision
\cite{ruxton2004energetic}.
185 - Extant aquatic snakes are deemed as having the most suitable physiology for scavenging.
185 + This is particularly relevant to extant aquatic snakes who are deemed as having the most suitable
physiology for scavenging.

186 186 A hypothesis put forth by \cite{sazima1990necrofagia} argued that chemical gradients in water would
allow for a relatively easier detection of carrion.

187 187 This gained some support from \cite{devault2002scavenging}, who found a preponderance of aquatic snake
species in their review of this behaviour.

188 188
... @@ -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
 tree.bind_fun.R	tree.bind fun done - TESTED OK	4 months ago

Share your science!

mulTree

build passing DOI [10.5281/zenodo.31742](https://doi.org/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)
```

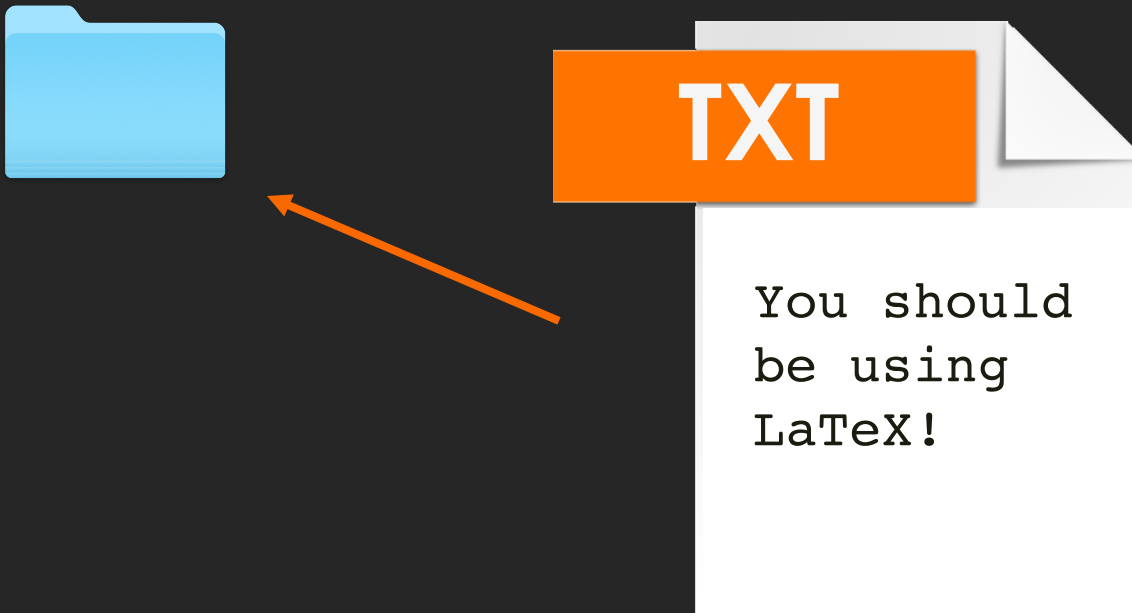
The following installs the latest released version (see patch notes below). For the piping hot development version (not recommended), replace the `ref="release"` option by `ref="master"`. If you're using the `master` branch, see the latest developement in the [patch note](#).

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](#).

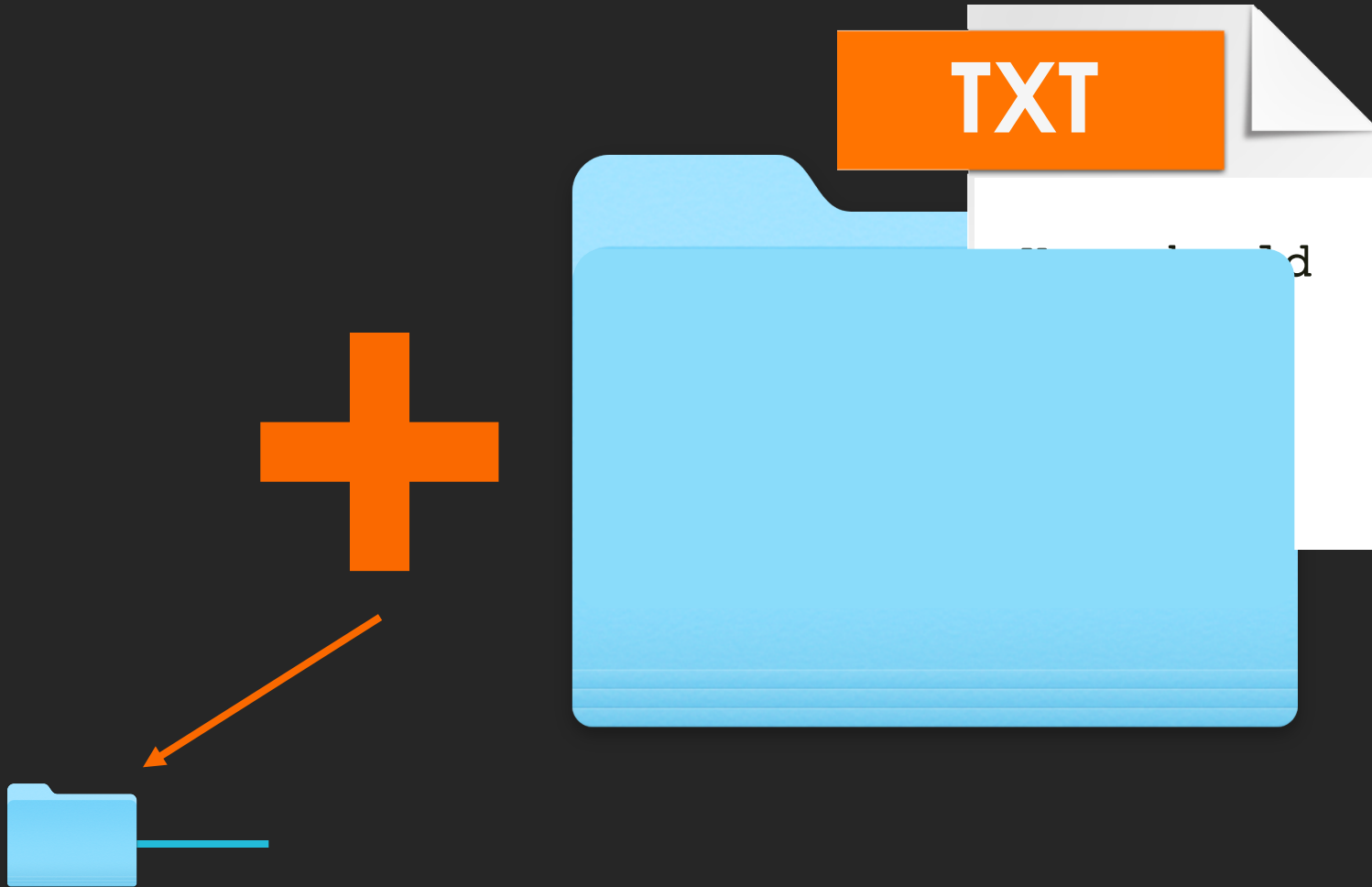
From the GitHub GUI, create a new repository (folder)



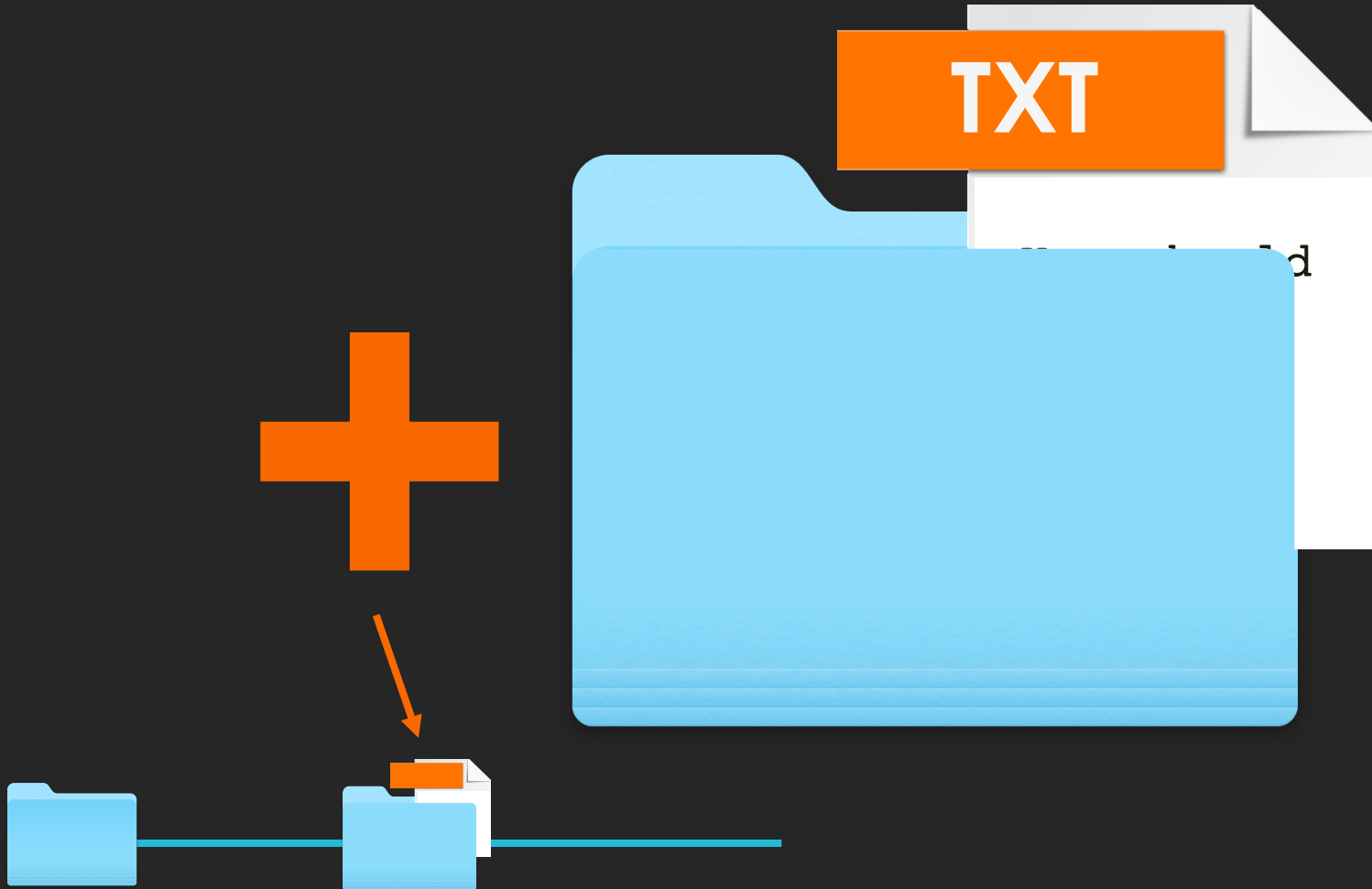
Find the repository on your machine
and create add a text file within



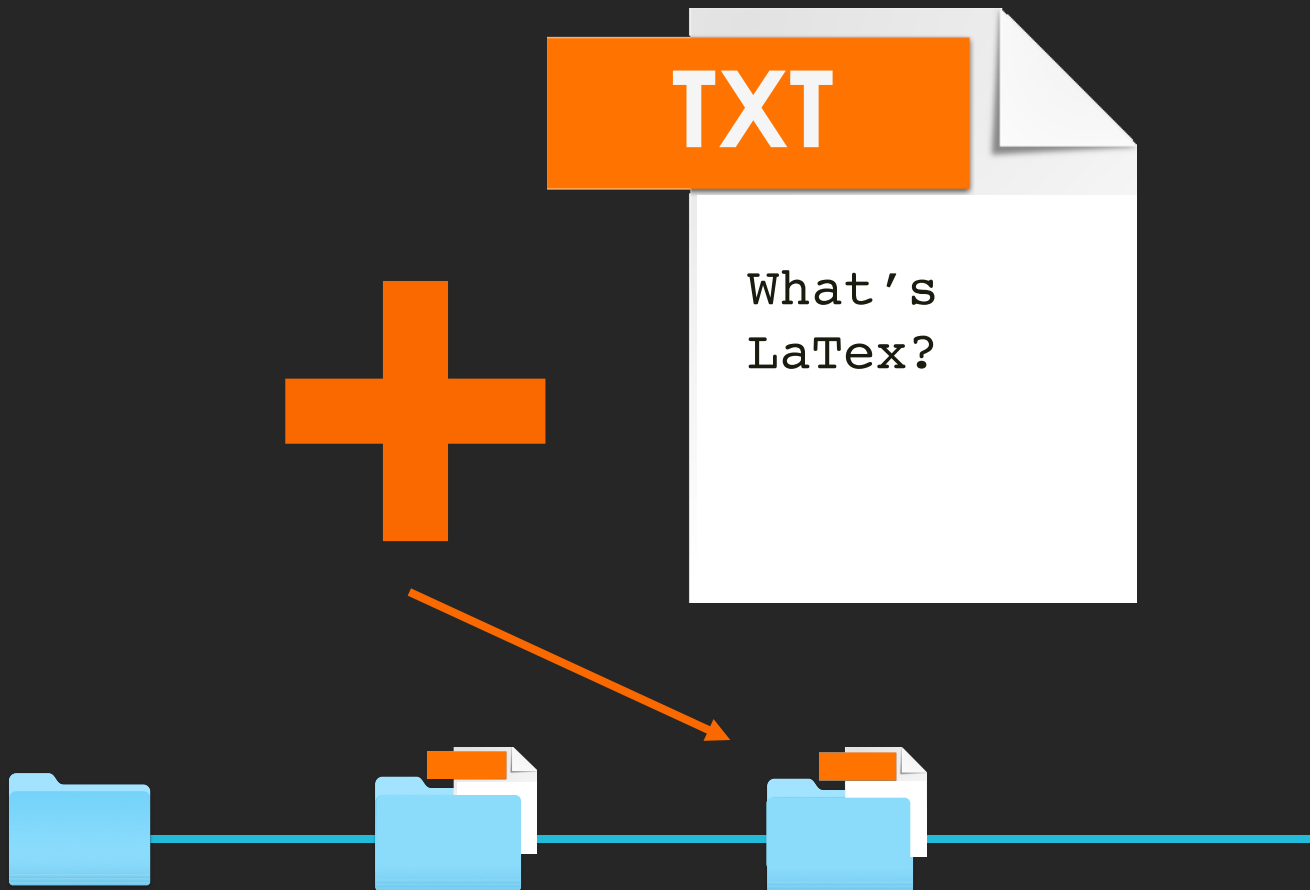
Commit and push the new change
with a sensible name.



Commit the new change with a sensible name.



Modify and commit/push your text file.



More about GIT:

rogerdudler.github.io/git-guide/

or

sbf5.com/~cduan/technical/git/