



WEBINAR

Efficient File Management in a Fast-Moving Agile Environment



PRESENTED BY:

Paul
Stoecklein
MadCap Software



BEFORE WE GET STARTED...



The webinar will be recorded
and emailed to all registrants



Use the Question Panel in
GoToWebinar to ask questions
throughout the webinar



WELCOME

- File Management With Source Control
- Focus on Concepts and Processes
- Takes Time to Internalize

DESKTOP: AUTHOR 1



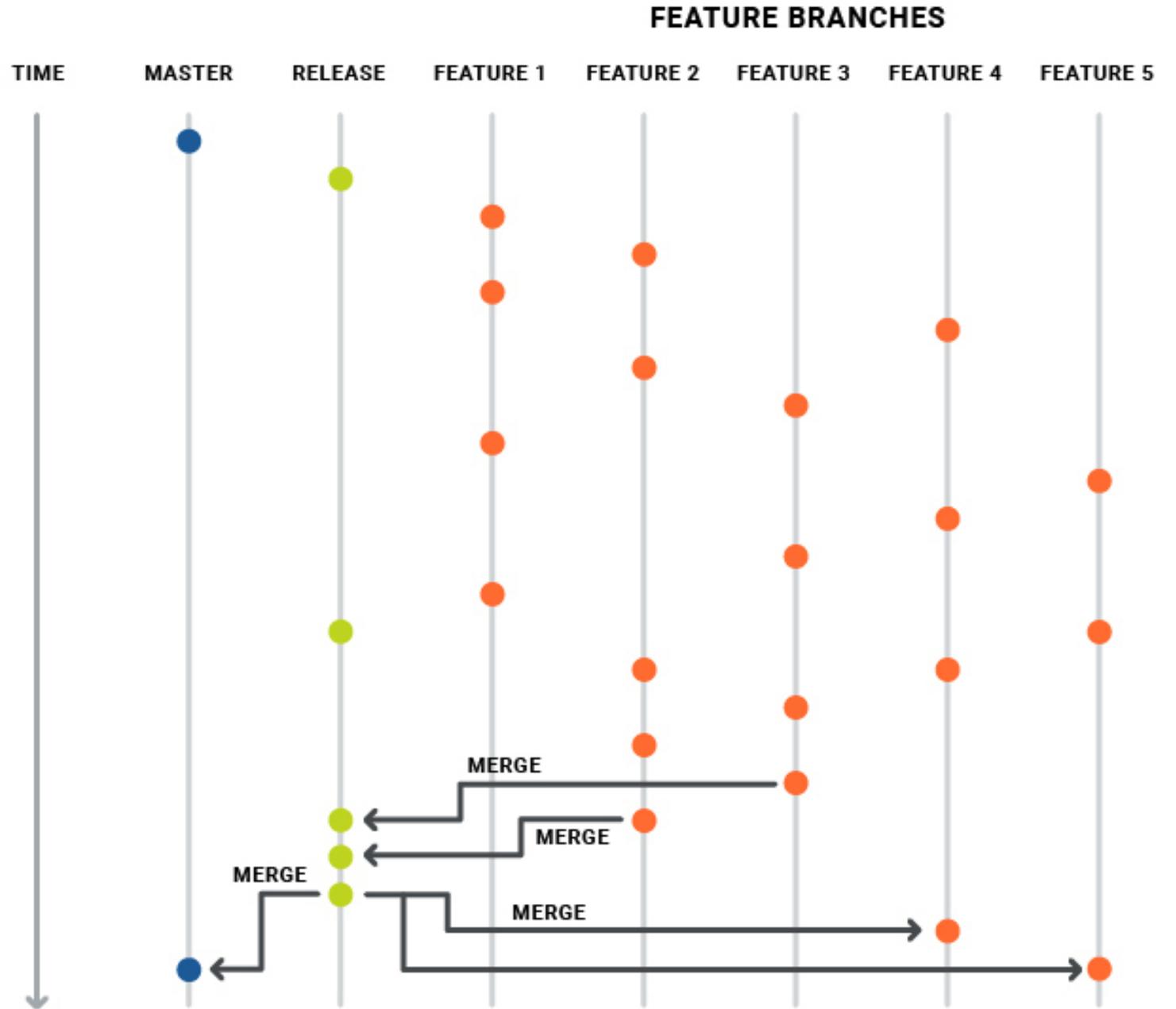
**FLARE PROJECT
FILES**

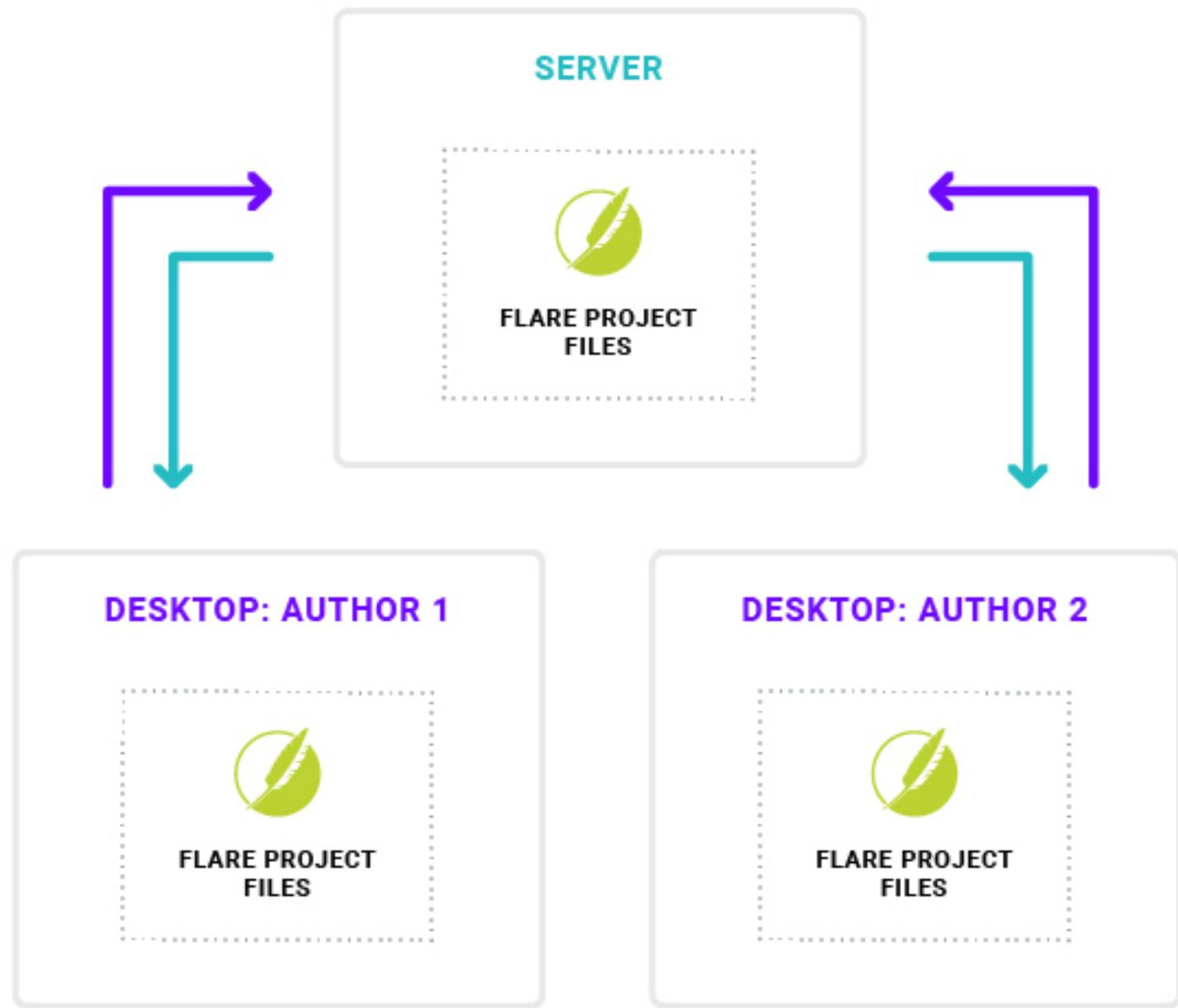


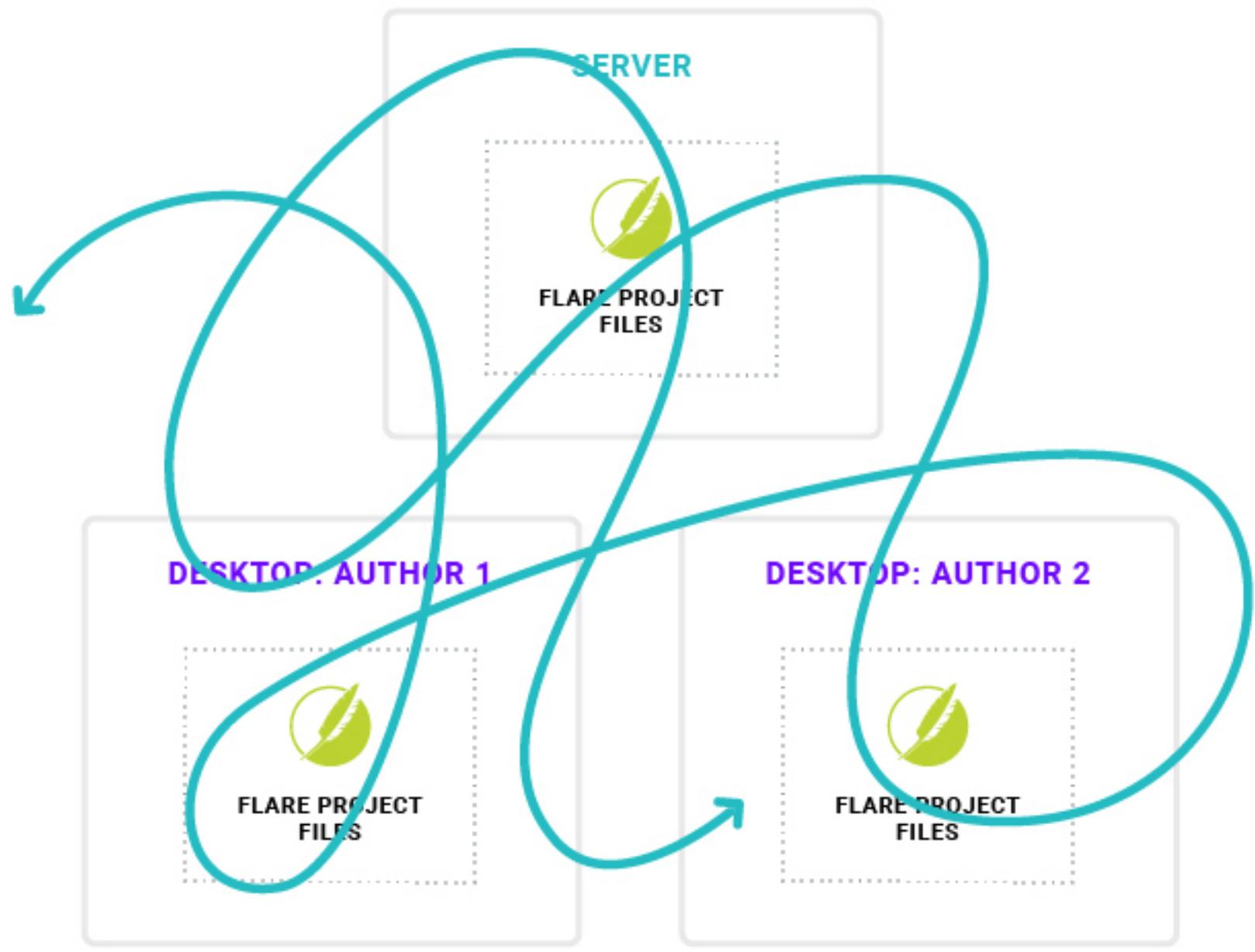
SOURCE CONTROL TOOLS

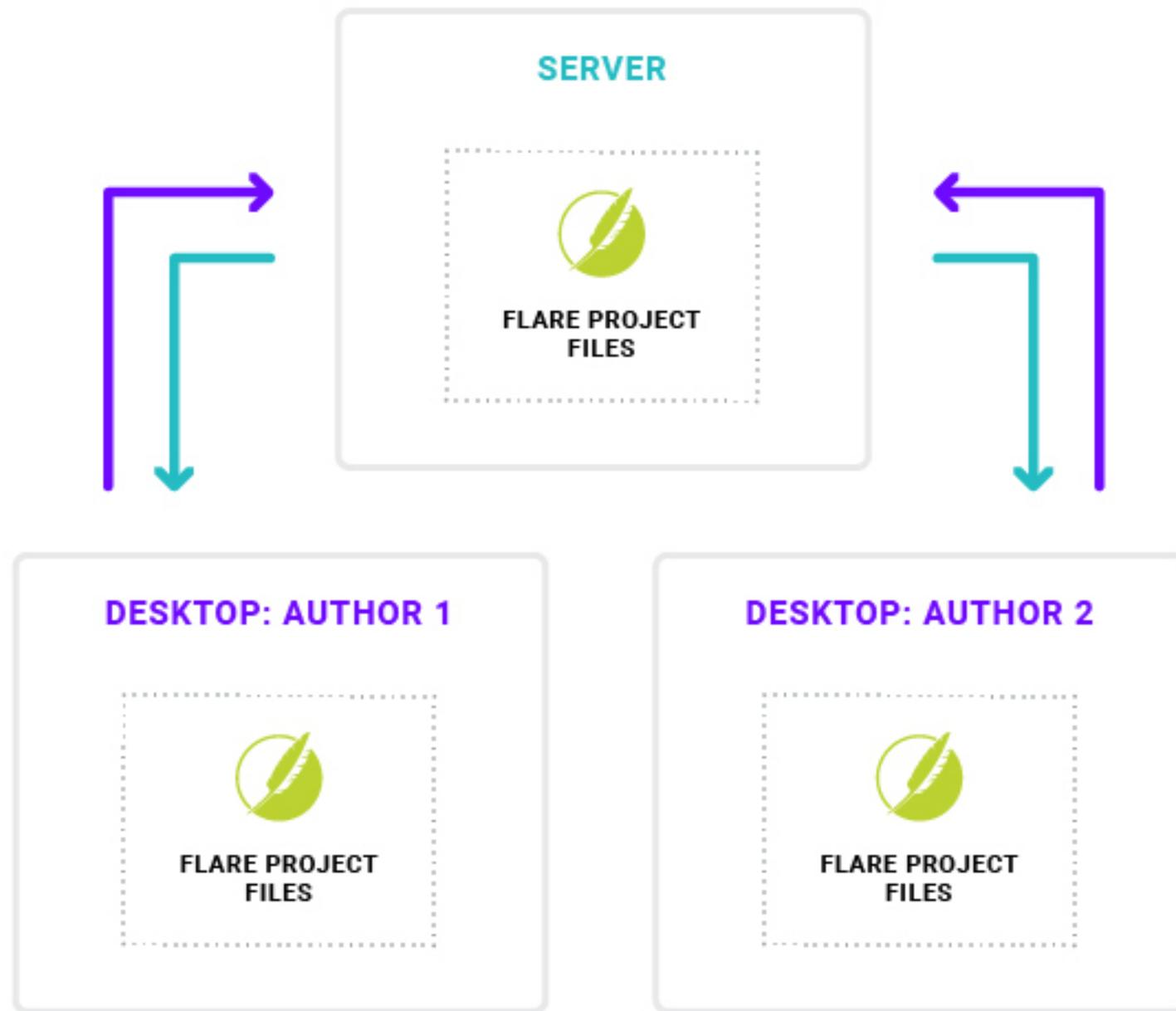
- Microsoft Visual SourceSafe
- Microsoft Team Foundation Server
Azure DevOps Server
- **Git**
- Perforce Helix Core
- Subversion

GIT FLOW









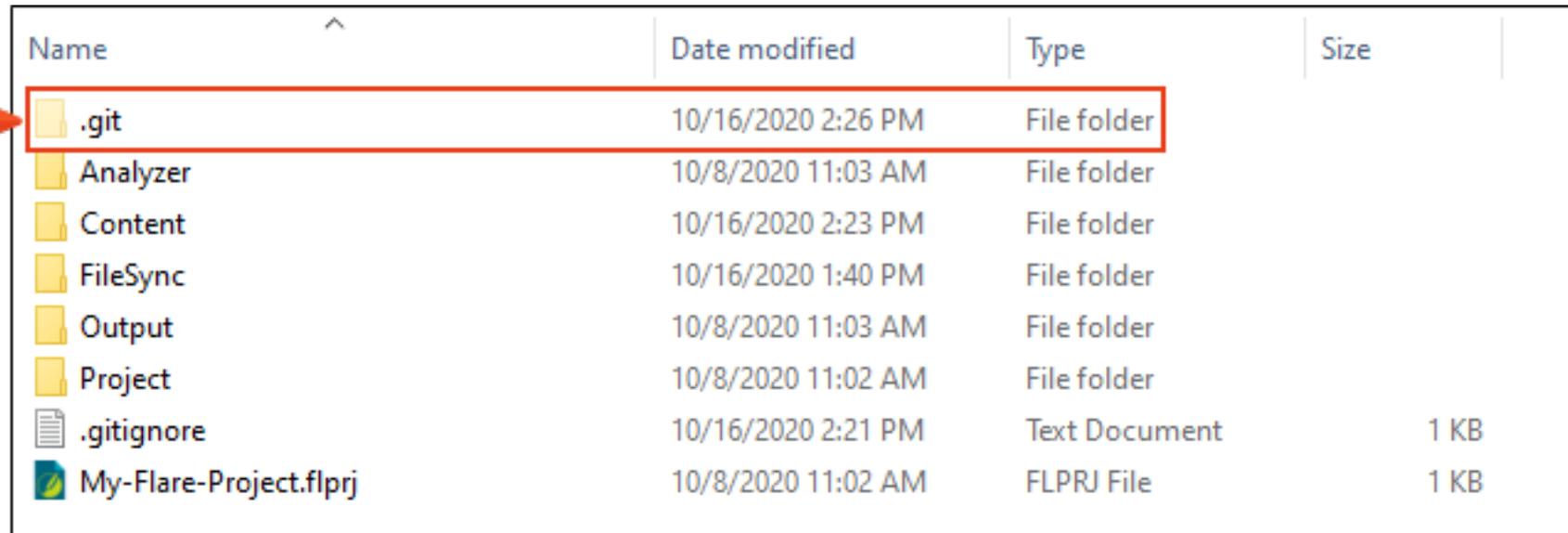
REPOSITORY

The collection of files that keeps track of changes locally as well as remotely









Name	Date modified	Type	Size
 .git	10/16/2020 2:26 PM	File folder	
 Analyzer	10/8/2020 11:03 AM	File folder	
 Content	10/16/2020 2:23 PM	File folder	
 FileSync	10/16/2020 1:40 PM	File folder	
 Output	10/8/2020 11:03 AM	File folder	
 Project	10/8/2020 11:02 AM	File folder	
 .gitignore	10/16/2020 2:21 PM	Text Document	1 KB
 My-Flare-Project.flprj	10/8/2020 11:02 AM	FLPRJ File	1 KB

DESKTOP: AUTHOR 1

FLARE PROJECT
FILES



Local Repository

- **Commit 1**
 - Change 1
 - Change 2
- **Commit 2**
 - Change 3
 - Change 4
 - Change 5

DESKTOP: AUTHOR 2

FLARE PROJECT
FILES



Local Repository

- **Commit 1**
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DESKTOP: AUTHOR 1

FLARE PROJECT
FILES



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FLARE PROJECT
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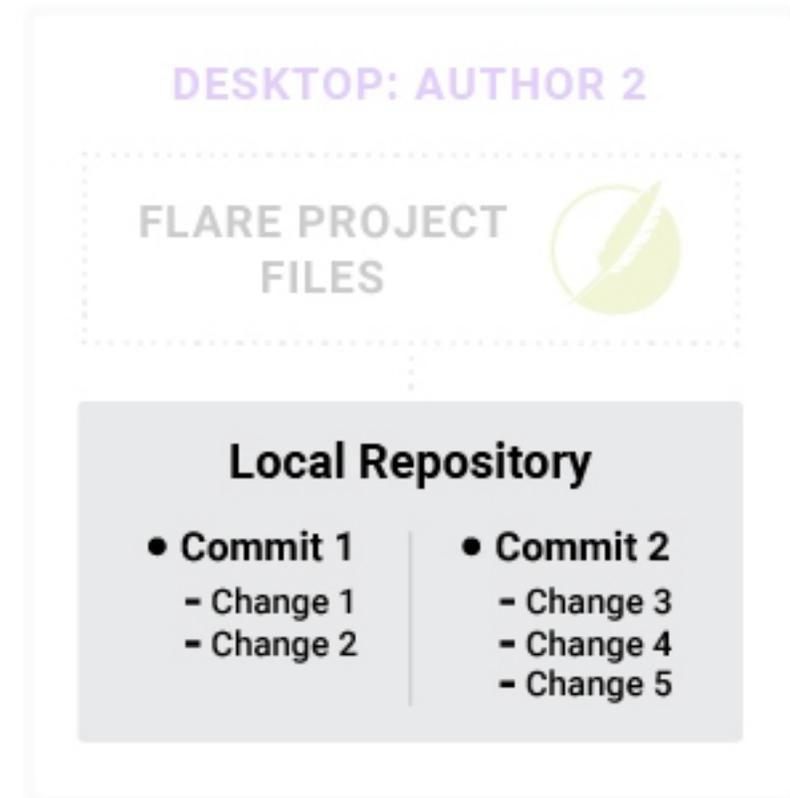
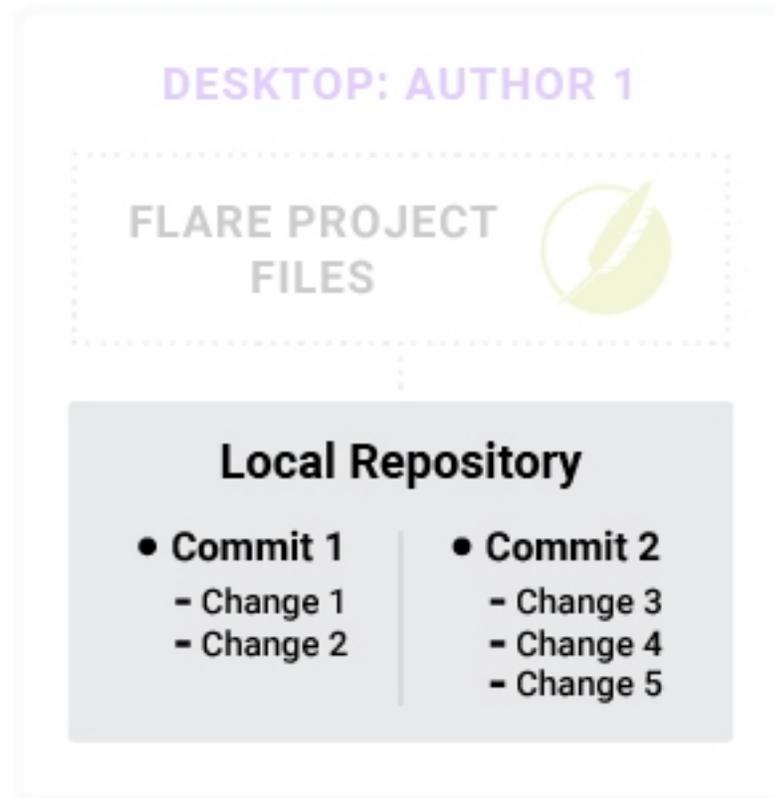
PULL

Moving changes from the remote to the local repository



COMMIT

A command used to save changes to local repository



DESKTOP: AUTHOR 1

FLARE PROJECT
FILES



Local Repository

- **Commit 1**
 - Change 1
 - Change 2
- **Commit 2**
 - Change 3
 - Change 4
 - Change 5

**Made edits to
what's new files**



**Adjusted page breaks
and image sizes for PDFs**



PUSH

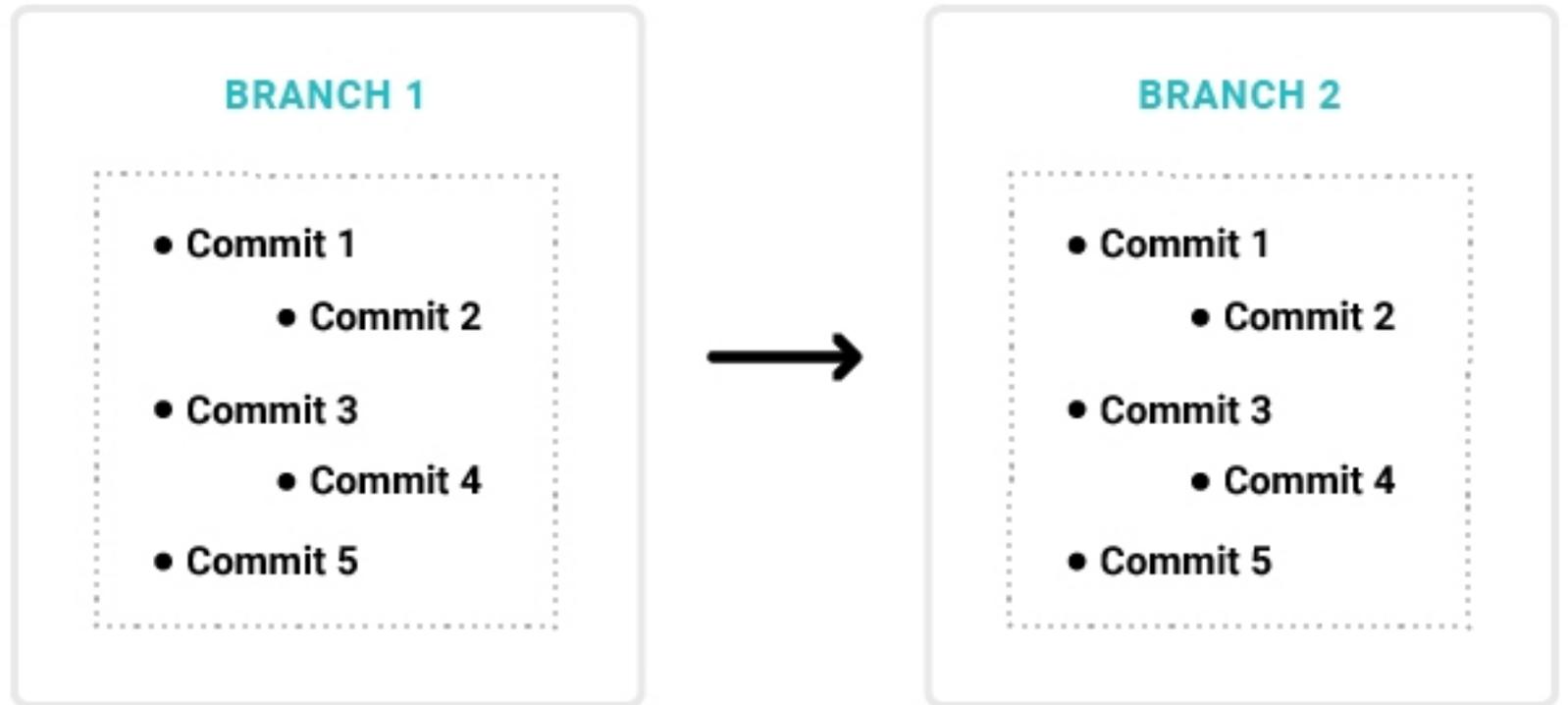
Moving changes from the local to the remote repository



- 
1. Pull
 2. Commit
 3. Push

MERGE

Moving
commits from
one branch to
another
branch



BRANCHING

- A unique collection of commits with a name
- A variation of your Flare project (not a copy)

BRANCH A

Introduction

History

In 1839, an area named "Waterloo" was selected as the capital of the Republic of Texas, replacing Houston. It was then named "Austin," after Stephen F. Austin, known as the "Father of Texas."



During the 1800s, Austin saw an increase in population and economic growth. The Texas State Capitol and University of Texas at Austin were born. By the late 20th century, the city became a hub for technology, business, and live music.

BRANCH B

Introduction

History

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Climate

Austin's climate combines characteristics of the dry deserts in the American Southwest and the lush, green, more humid areas of the American Southeast.

BRANCH A

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MERGED BRANCHES

Introduction

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BRANCHING

- Documenting Different Features
- File Maintenance
- Hot Fixes

FLARE PROJECT



BRANCH 1

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

BRANCH 2

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

BRANCH 3

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

FLARE PROJECT



WIDGET EDITOR

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

FONT SELECTOR

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

REORG FILES

- Commit 1
 - Commit 2
- Commit 3
 - Commit 4
- Commit 5

FLARE PROJECT



WIDGET EDITOR

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FLARE PROJECT



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FLARE PROJECT



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REORG FILES

- Commit 1
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FLARE PROJECT



Stuff Being Documented

- Feature 1
- Feature 2
- Feature 3
- Feature 4
- Feature 5
- Feature 6
- Feature 7
- Feature 8
- Feature 9
- Feature 10

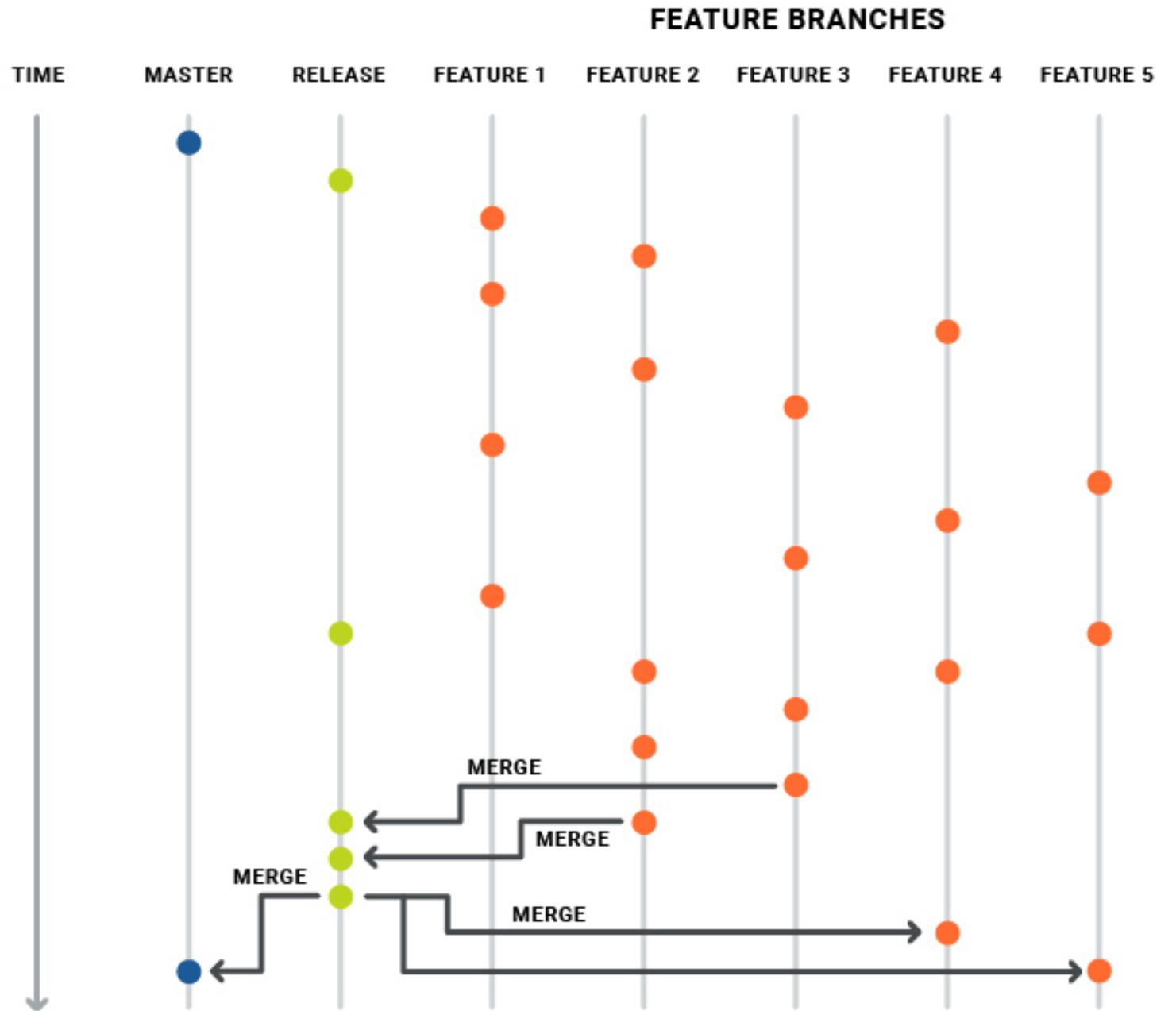
FLARE PROJECT



Stuff Being Documented

- Feature 1
- Feature 2
- Feature 3
- Feature 4
- Feature 5
- Feature 6
- Feature 7
- ~~- Feature 8~~
- ~~- Feature 9~~
- ~~- Feature 10~~

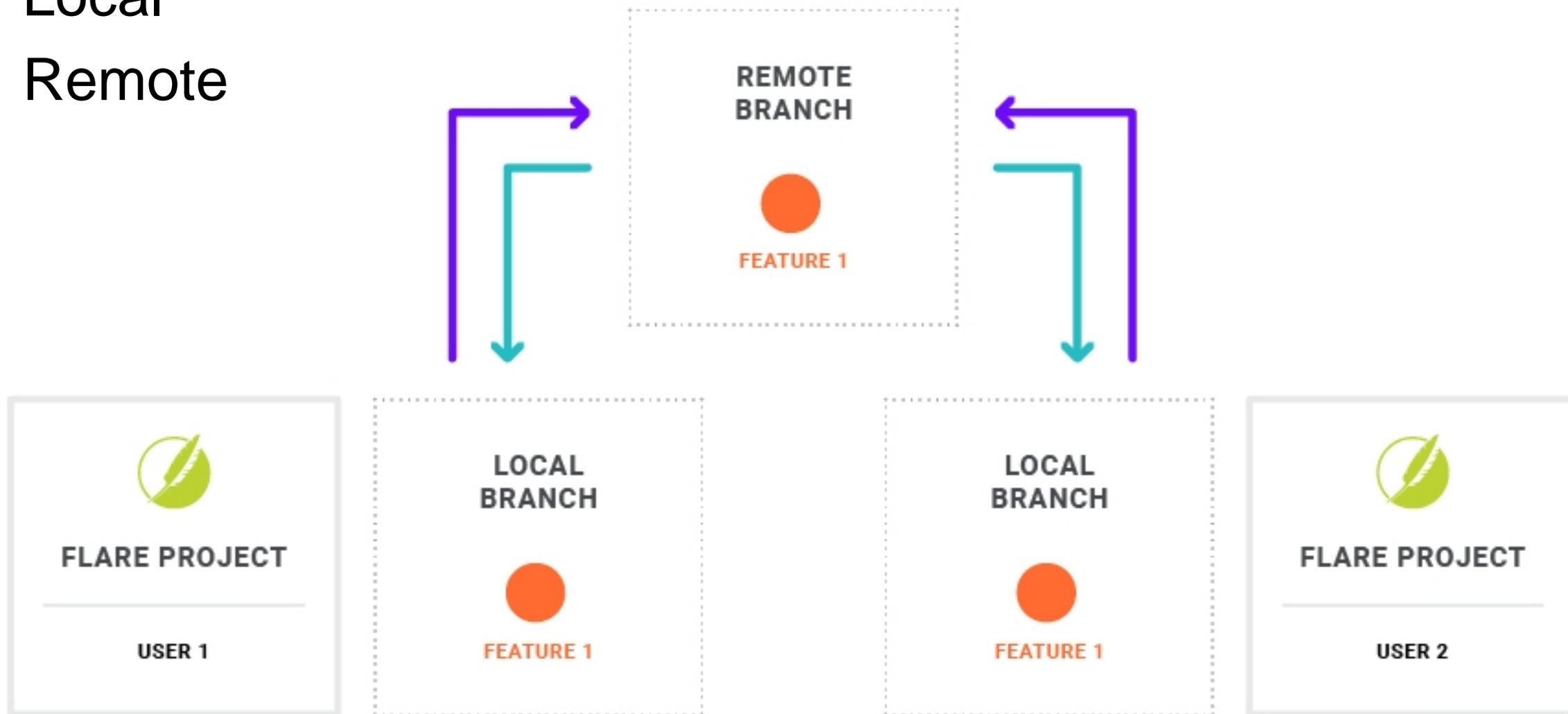
GIT FLOW

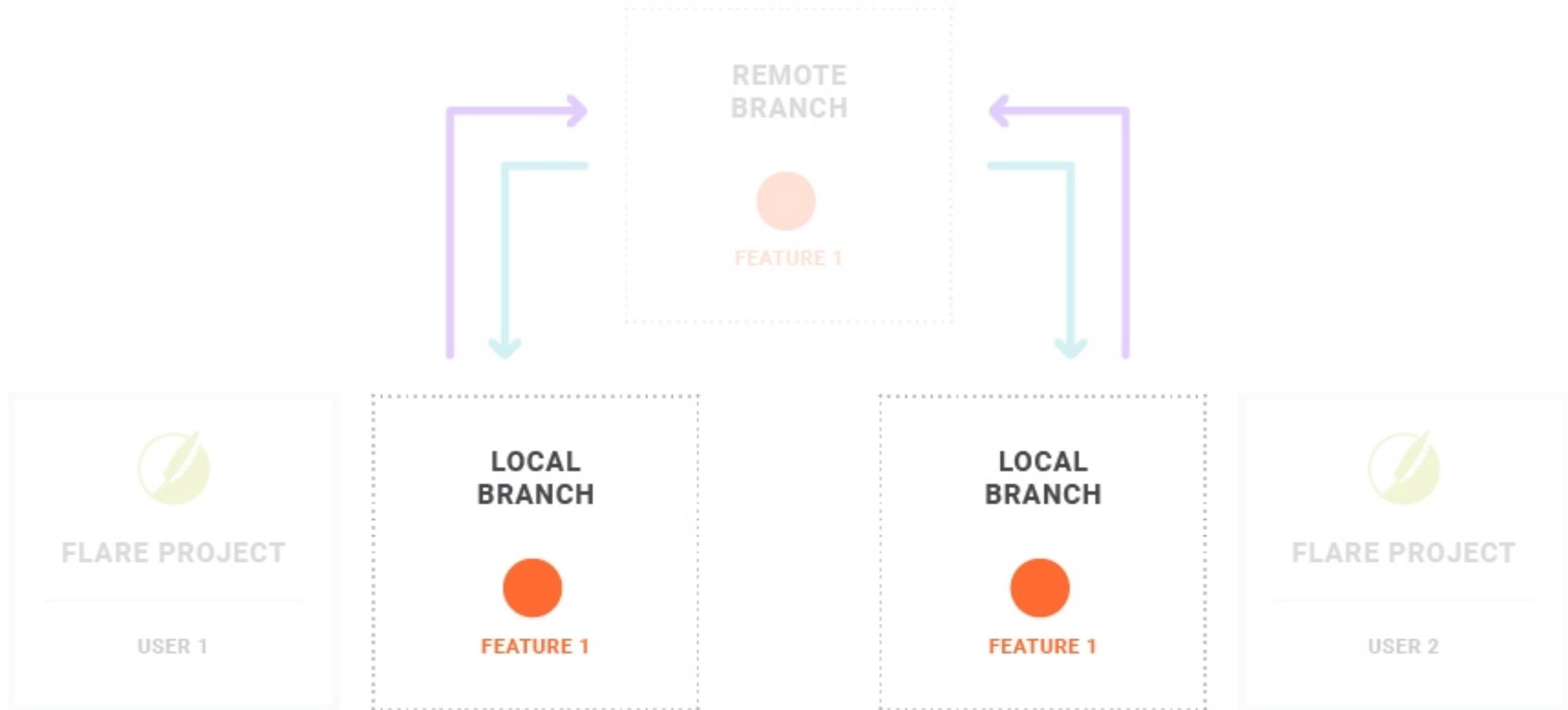


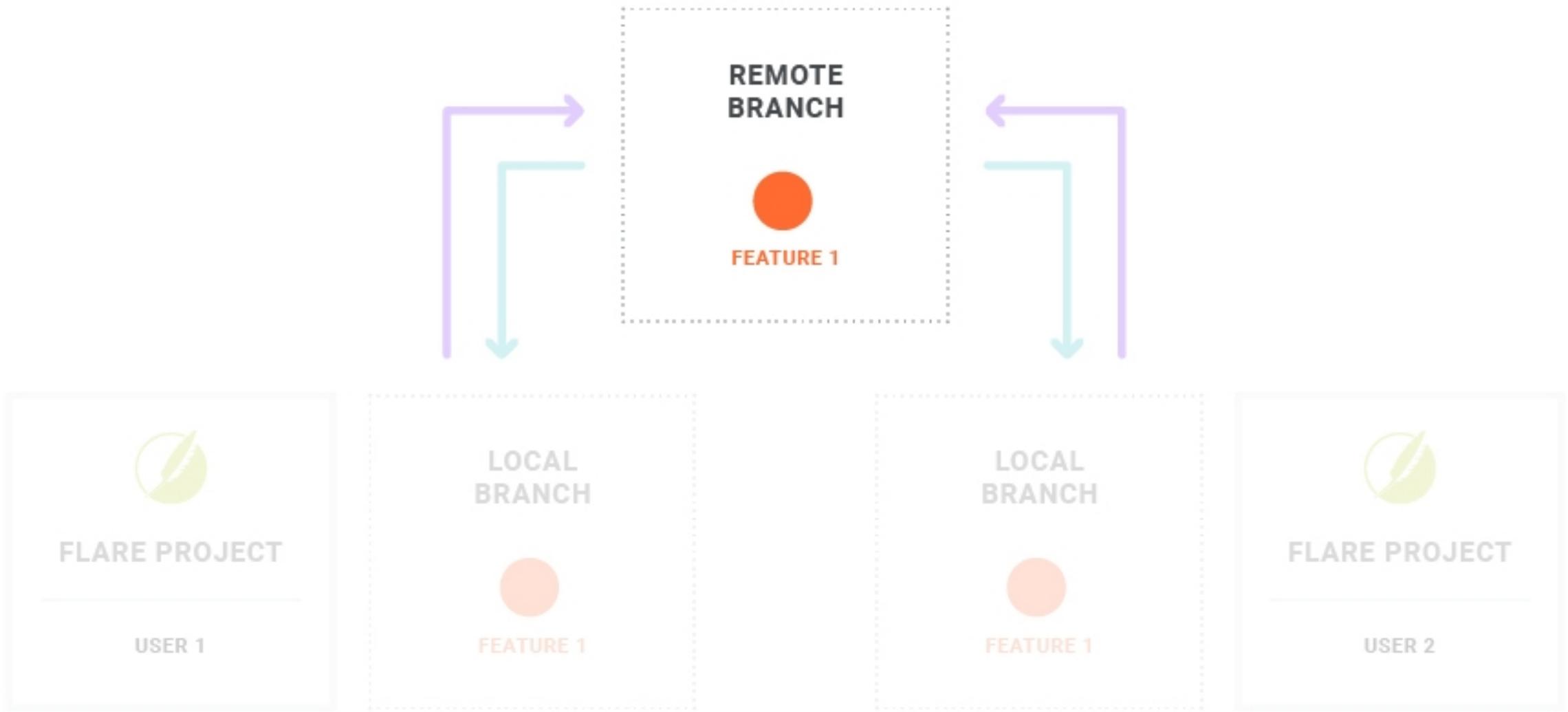
TYPES OF BRANCHES

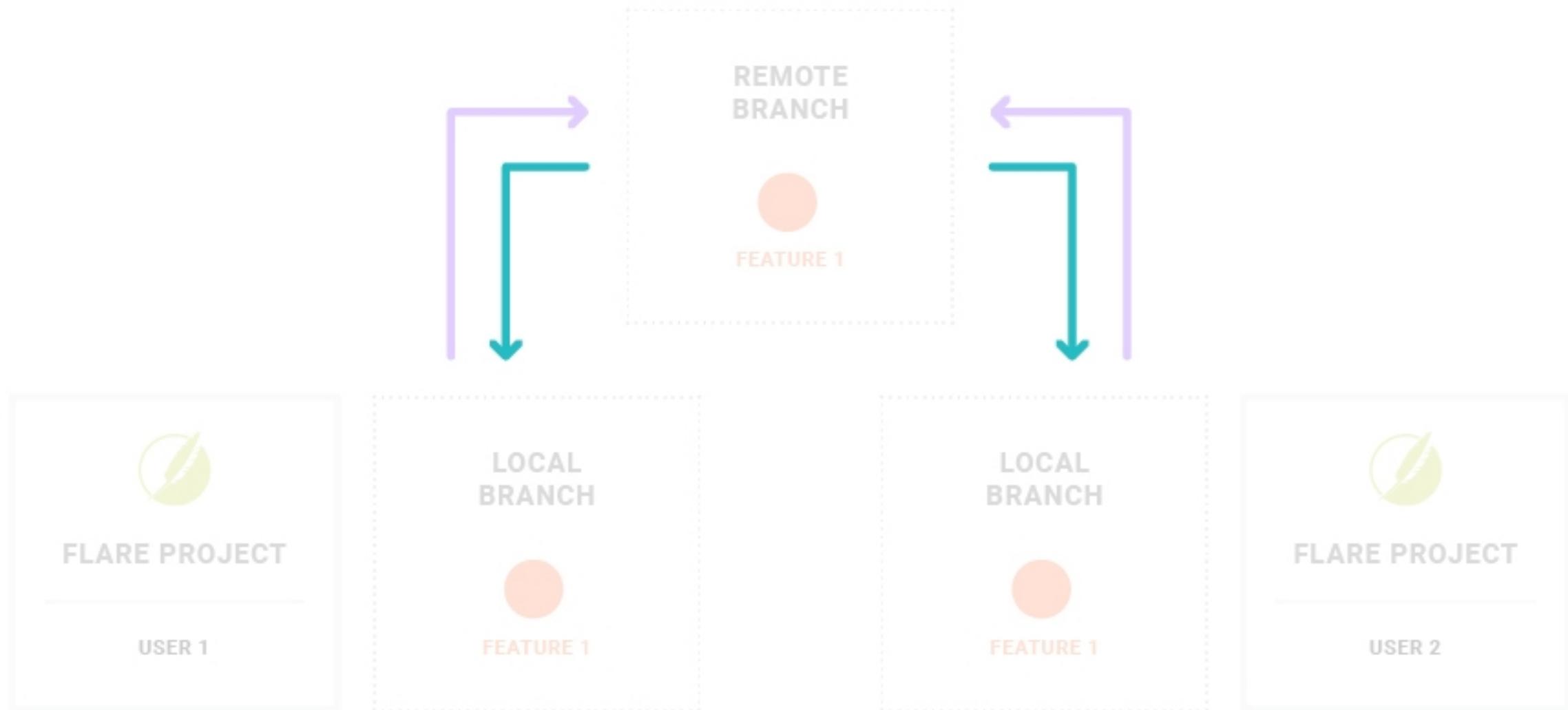
- **Master:** The current documentation seen by users
- **Release:** The next version of the documentation
- **Feature:** Documentation in development for particular features
- **Develop:** A staging area combining documentation from various branches

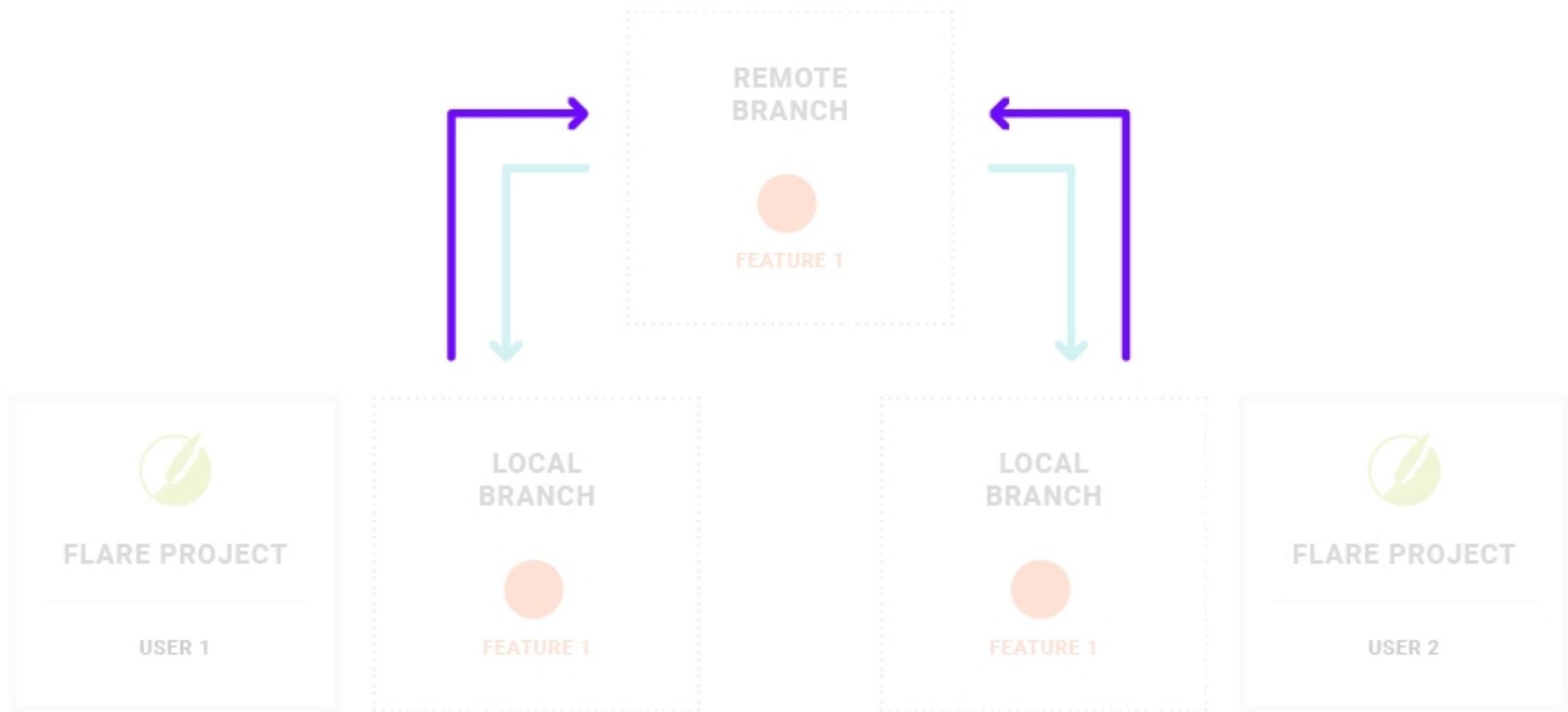
- Local
- Remote



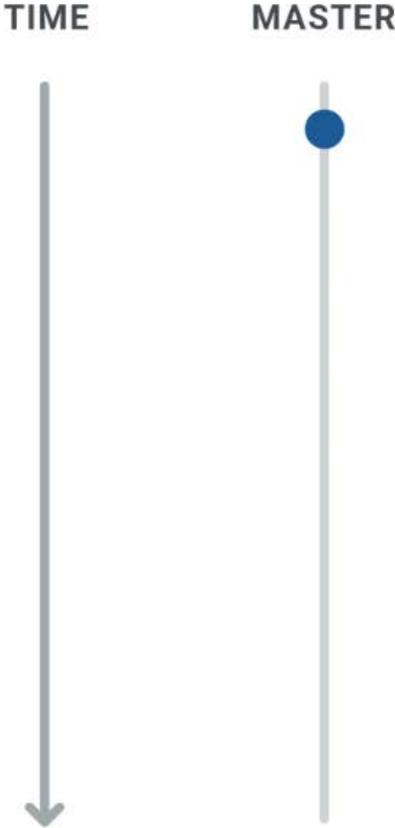






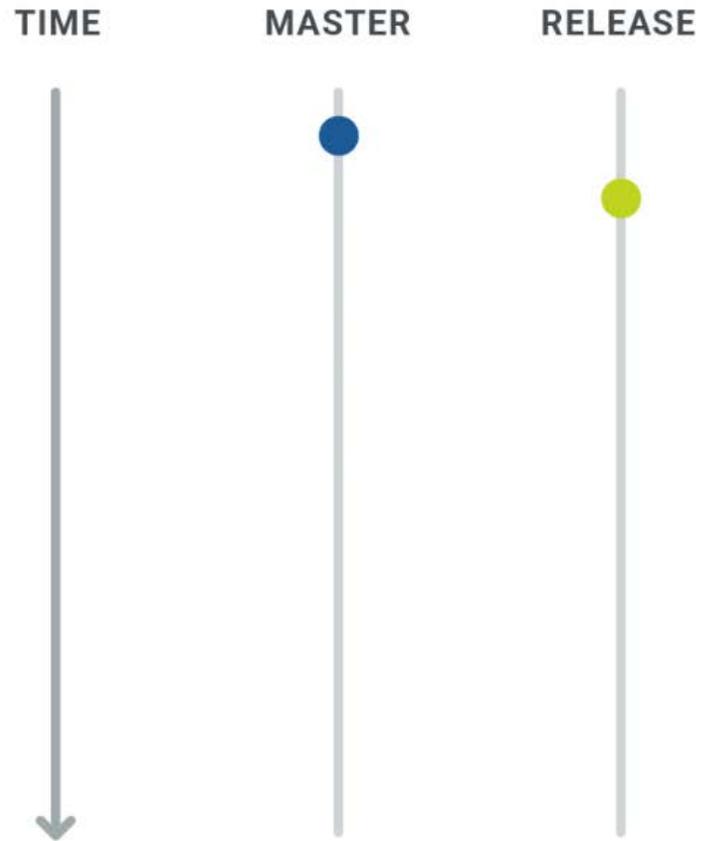


GITFLOW SYSTEM



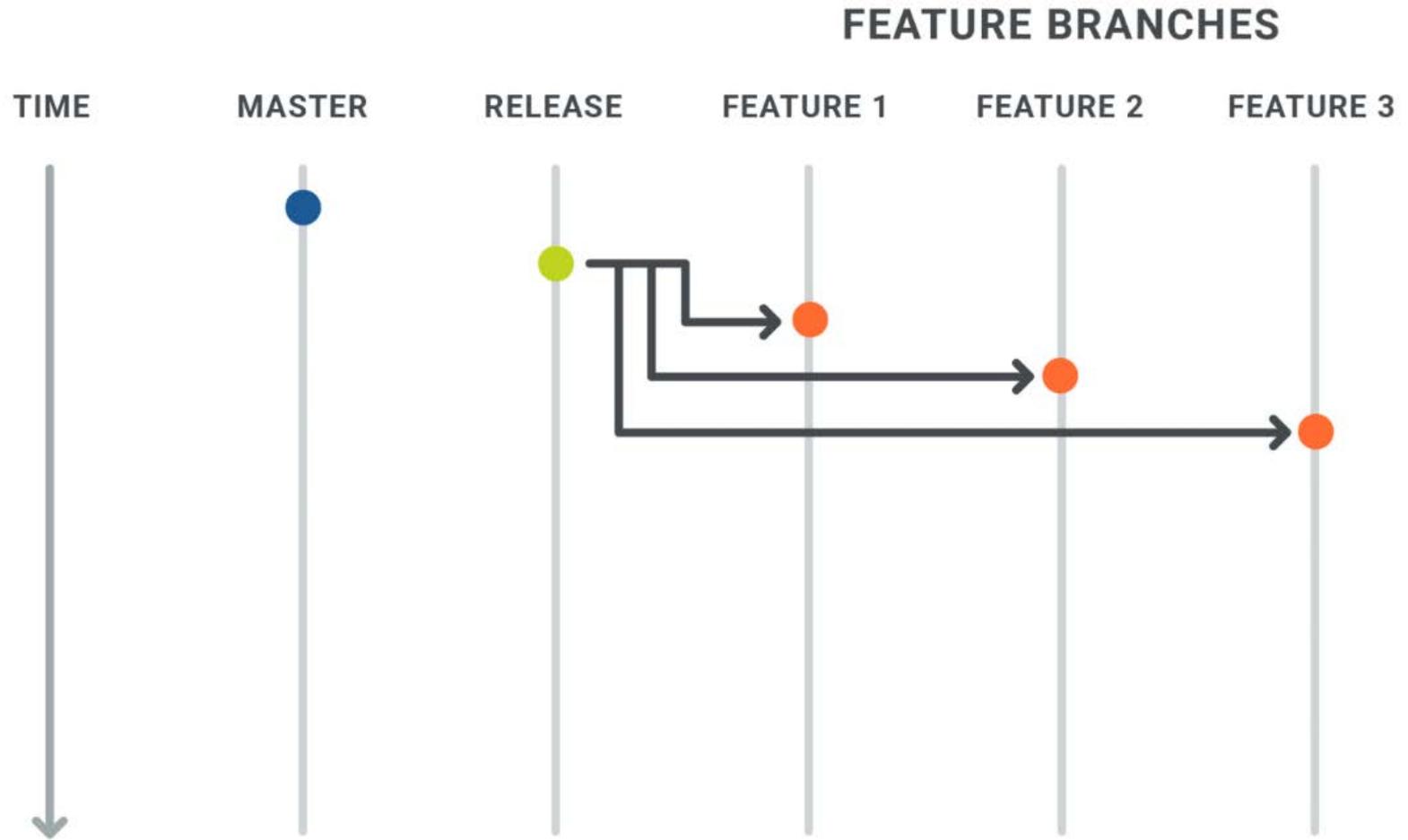
GITFLOW SYSTEM

Create
Release
Branch



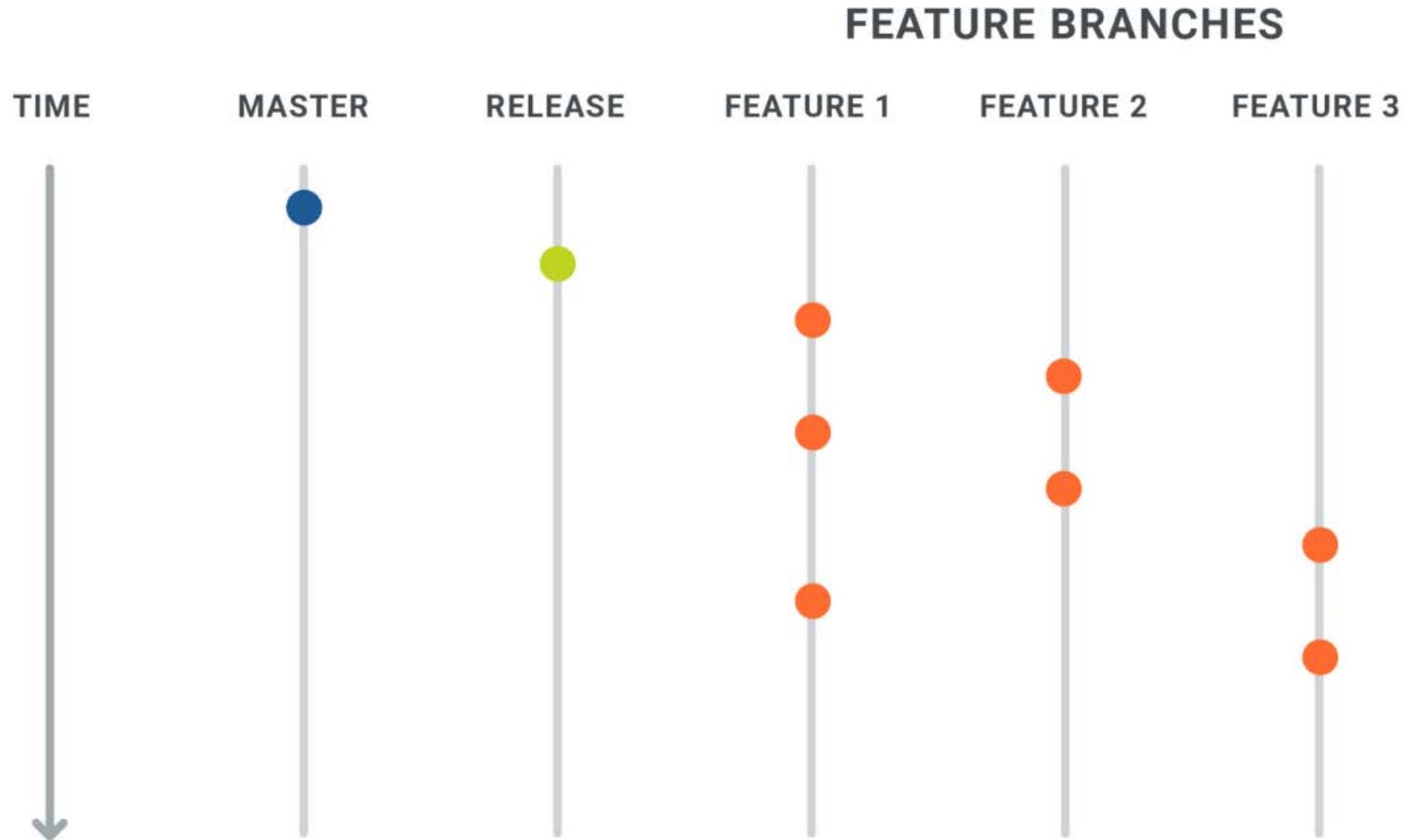
GITFLOW SYSTEM

Create
Feature
Branches



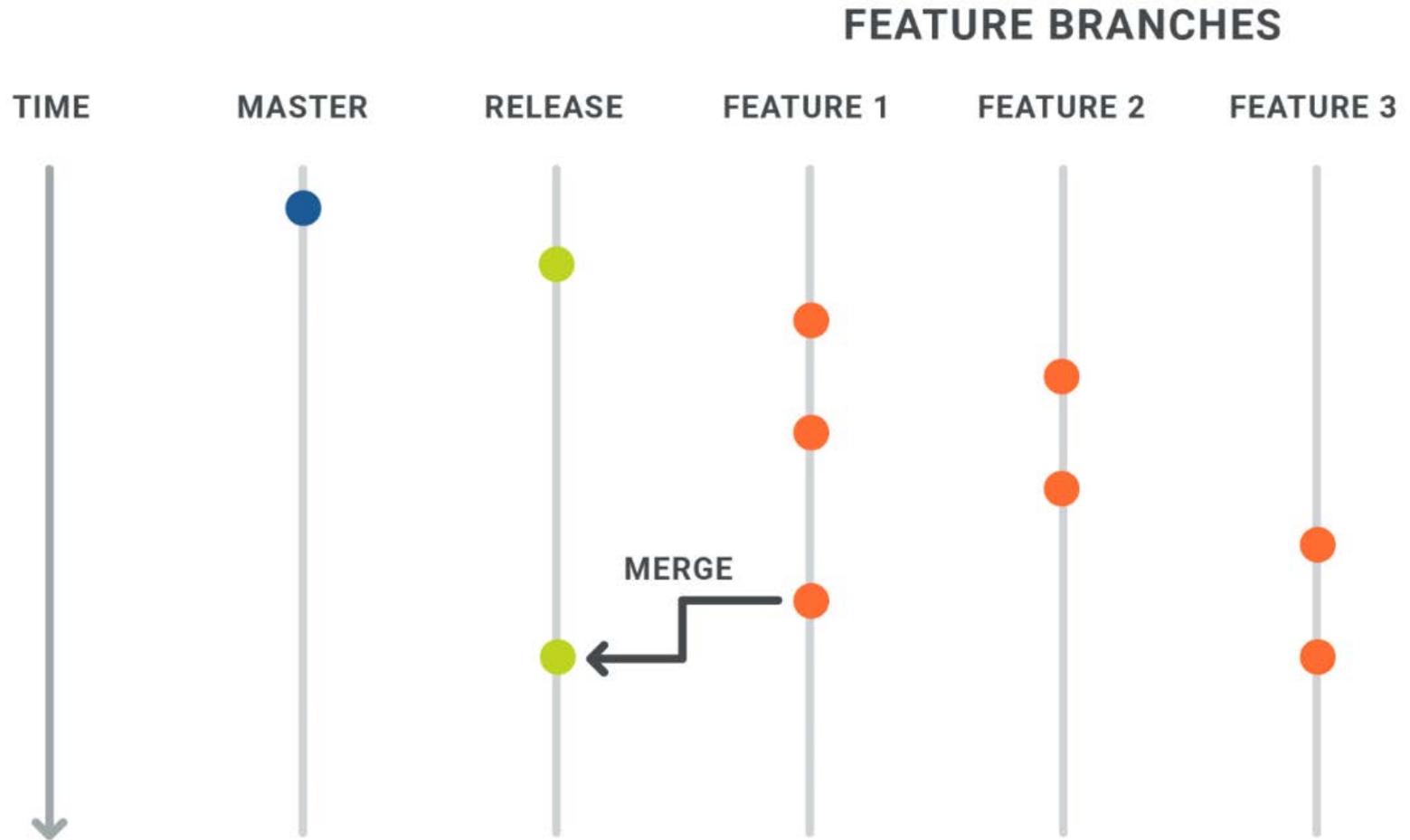
GITFLOW SYSTEM

Work in
Feature
Branches
and Save
Commits



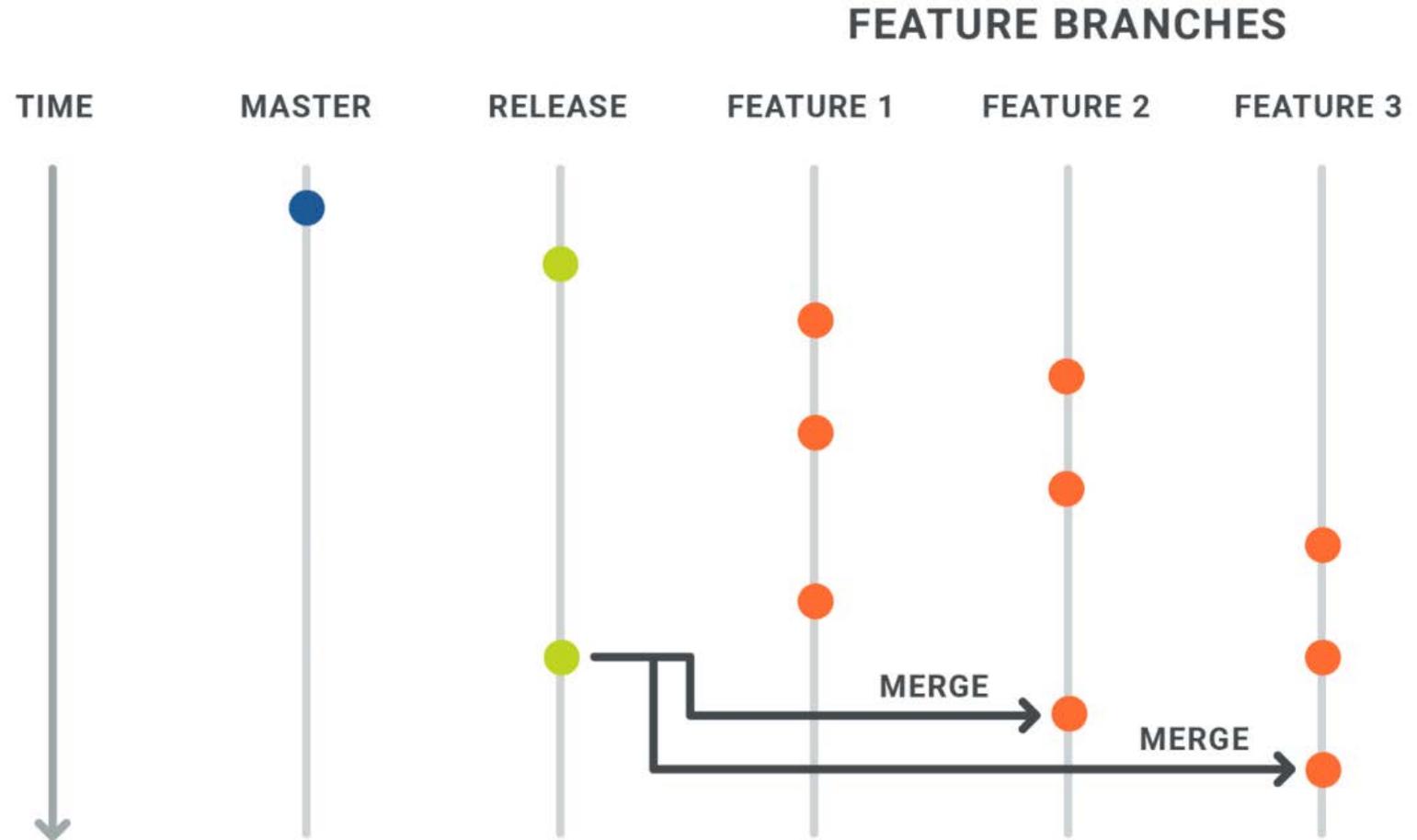
GITFLOW SYSTEM

Merge
Finished
Feature
Branch to
Release



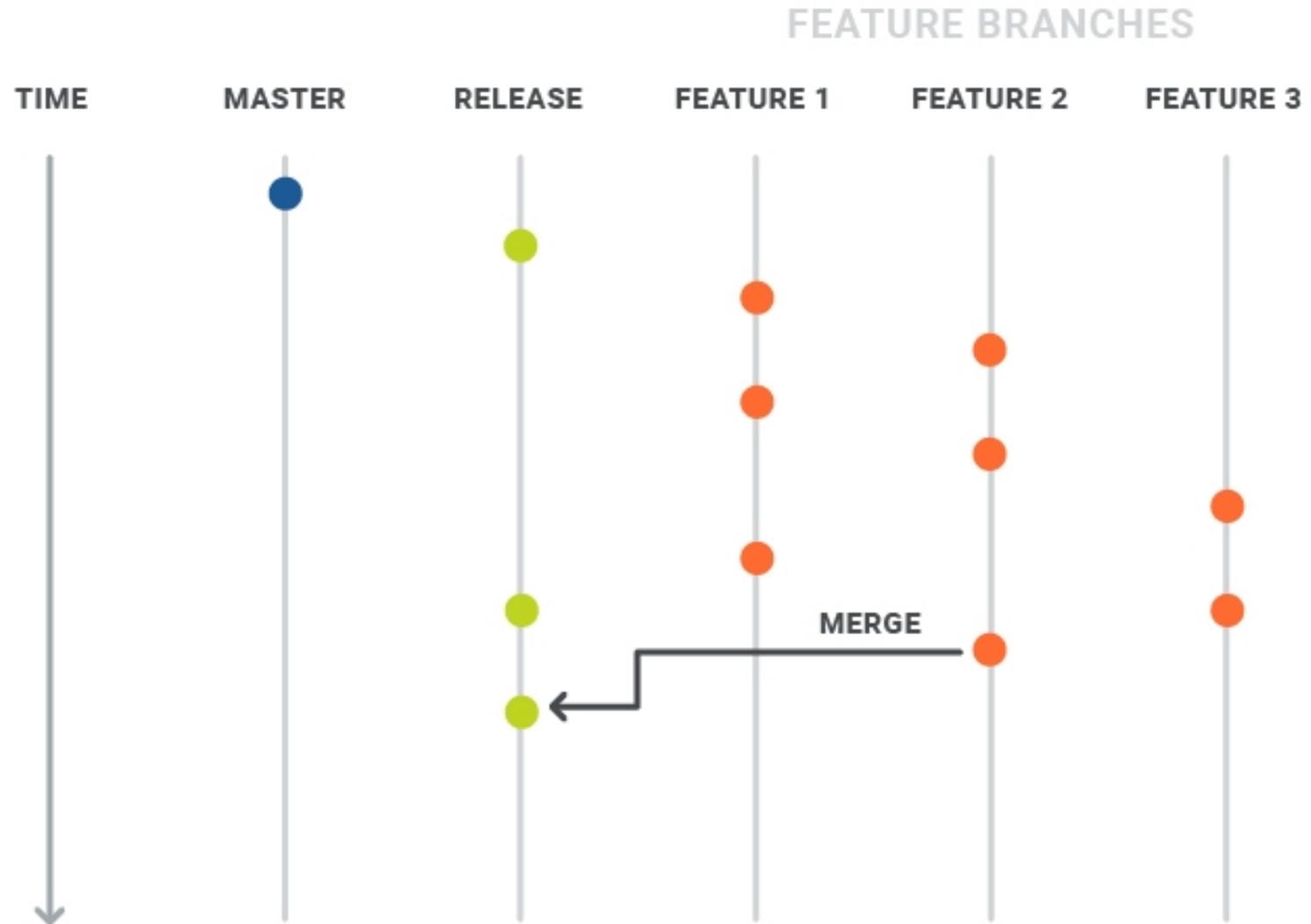
GITFLOW SYSTEM

Merge
From
Release to
Ongoing
Feature
Branches



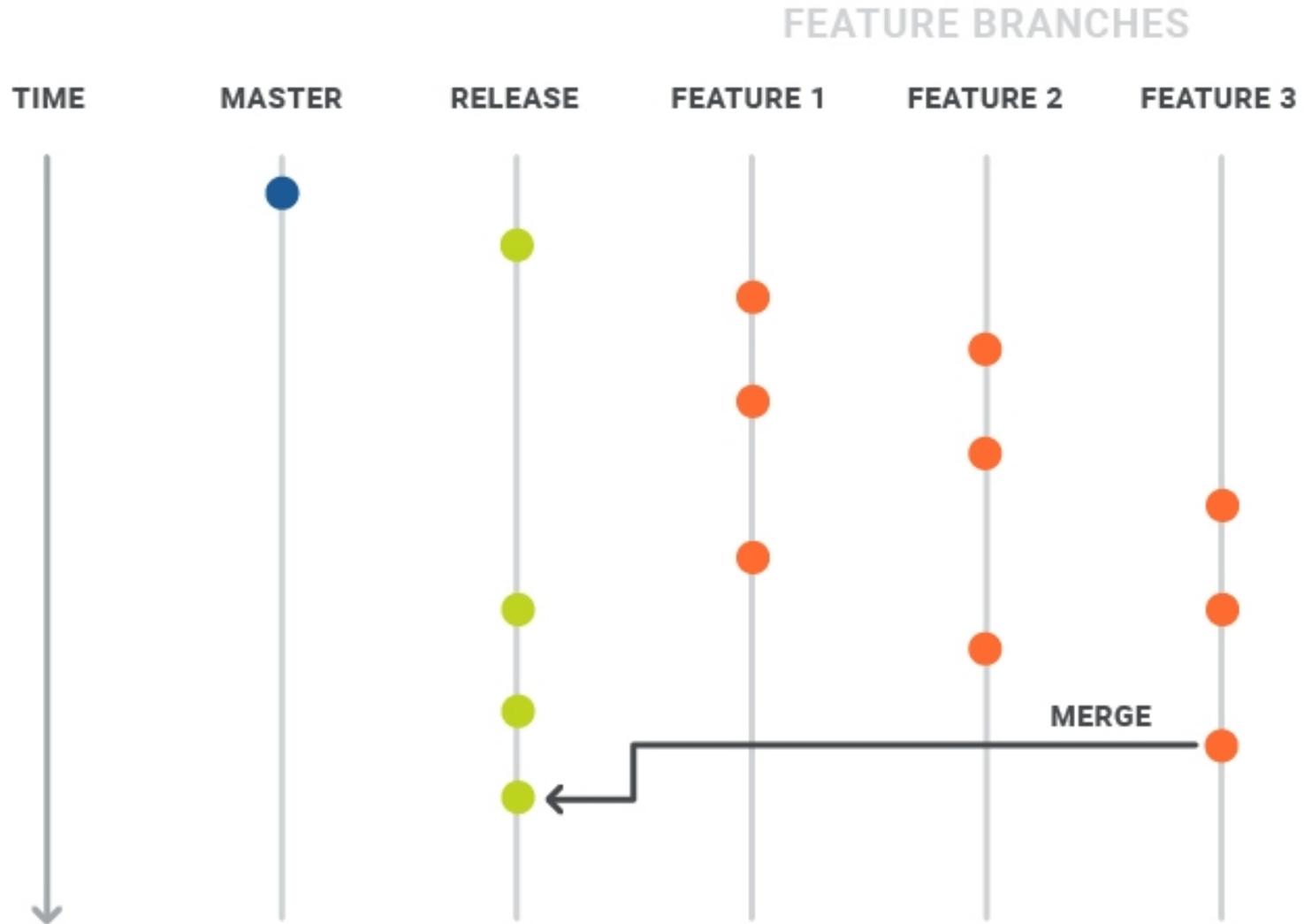
GITFLOW SYSTEM

Merge
Finished
Feature
Branch to
Release



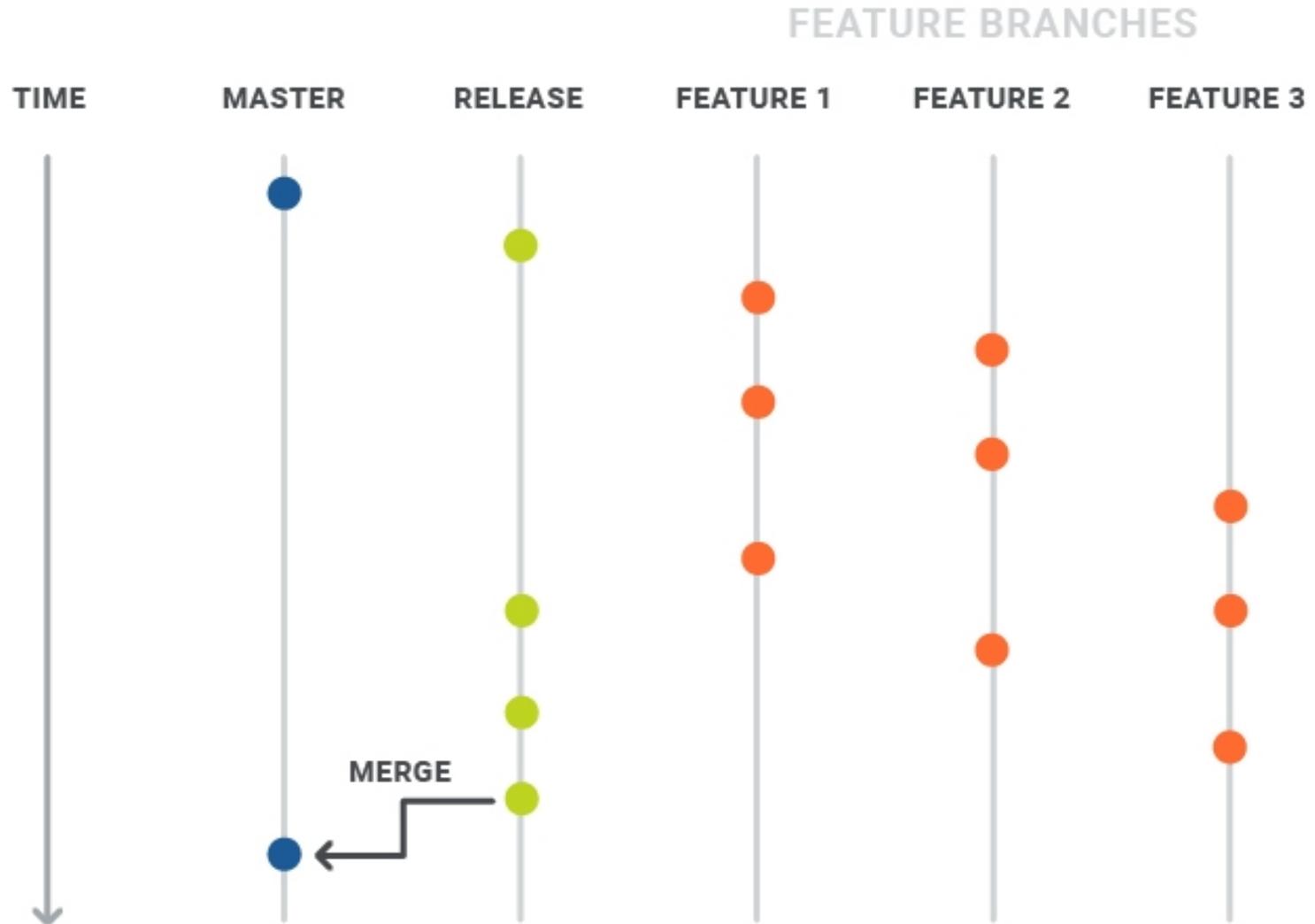
GITFLOW SYSTEM

Merge
Finished
Feature
Branch to
Release



GITFLOW SYSTEM

Merge
From
Release to
Master
Branch





TOOLS AND STEPS FOR GIT TASKS

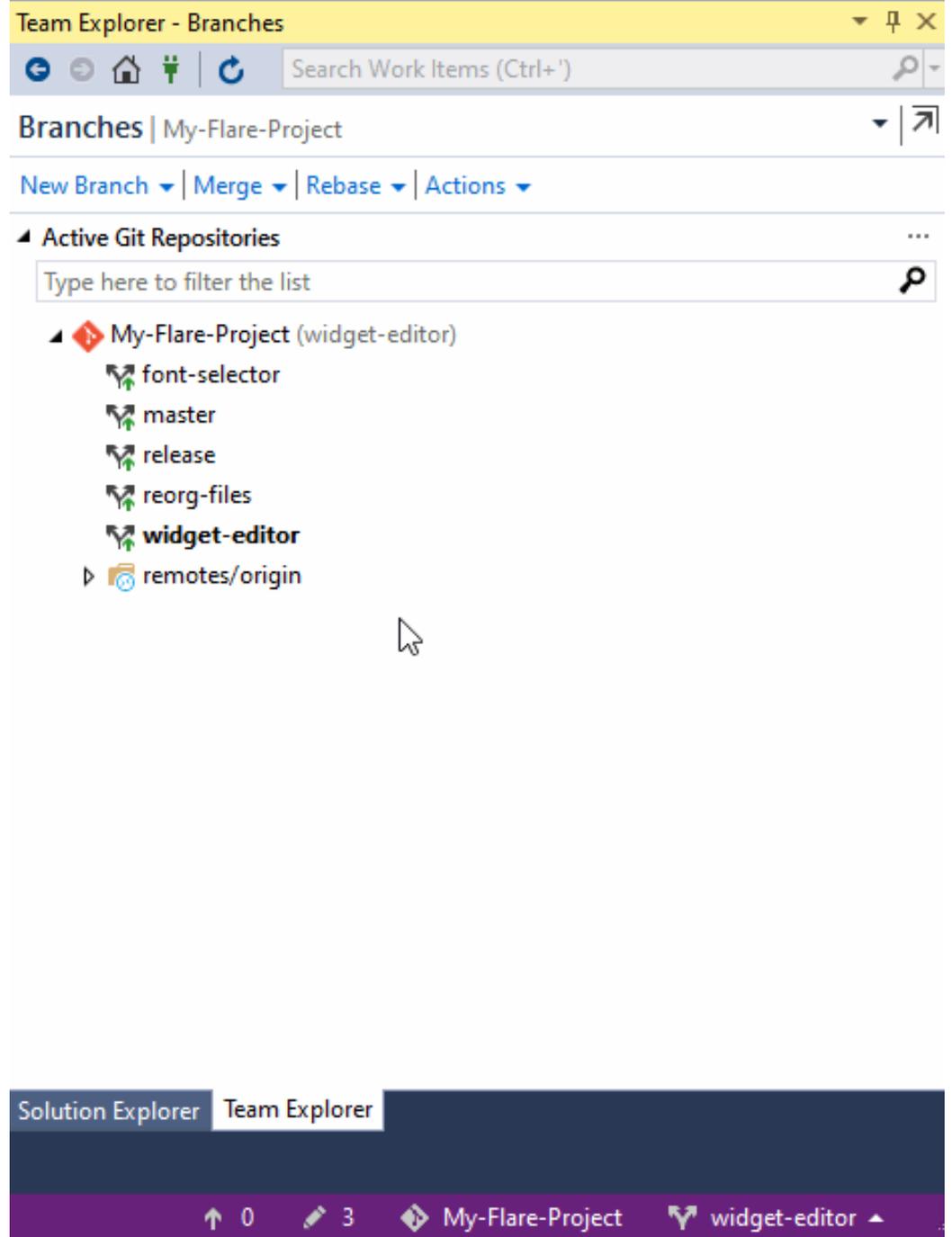
- Flare
- Visual Studio
- Git Bash, etc.

FLARE

The screenshot shows the Visual Studio Source Control Explorer and Pending Changes window. The Source Control Explorer shows the current branch as 'widget-editor' and lists published branches: font-selector, master, release, reorg-files, and widget-editor. The Pending Changes window shows a table of pending changes.

Name	Status	User	Path
Online-TOC.ftoc	Modified		Project\TOCs\
Print-TOC.ftoc	Modified		Project\TOCs\
Whats-New.htm	Add		Content\

VISUAL STUDIO



GIT BASH

```
MINGW64:/c/My-Flare-Project
pstoecklein@pstoecklein04 MINGW64 /
$ cd C:/My-Flare-Project
pstoecklein@pstoecklein04 MINGW64 /c/My-Flare-Project (widget-editor)
$ |
  I
```

COMMON GIT COMMANDS

- `git config`
- `git init`
- `git clone`
- `git add`
- `git commit`
- `git diff`
- `git reset`
- `git status`
- `git rm`
- `git log`
- `git show`
- `git tag`
- `git branch`
- `git checkout`
- `git merge`
- `git remote`
- `git push`
- `git pull`
- `git stash`

COMMON GIT COMMANDS

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- `git merge`
- `git remote`
- `git push`
- `git pull`
- `git stash`





TIPS

- Use Caution With Rename/Move/Delete
 - Have a plan
 - Communicate with other authors
 - Make changes in smaller chunks
 - Reorganize files in off hours



TIPS

- Perform Tasks Frequently
 - Conflicts are bound to happen
 - The more time that passes the harder it is to remember
 - Establish daily activities for everyone on team

TIPS

- Assigning Files/Sections to Different Authors
 - Consider one person handling certain files (e.g., targets, stylesheets)
 - Tables of contents
 - Resolve conflicts in merge editor

1 Conflicts (1 Remaining)

Source: Project/TOCs/Online-TOC.ftoc;Remote

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <CatapultToc
3   Version="1">
4   <TocEntry
5     Title="[%=System.LinkedTitle%]"
6     Link="/Content/Flare/Introduction/Get-Started.htm" xmlns:MadCap="http:
7   <TocEntry
8     Title="[%=System.LinkedTitle%]"
9     Link="/Content/Flare/Introduction/Whats-New/Whats-New.htm" xmlns:Mad
10  <TocEntry
11    Title="[%=System.LinkedTitle%]"
12    Link="/Content/Flare/Introduction/Resources.htm" xmlns:MadCap="http:
13  <TocEntry
14    Title="[%=System.LinkedTitle%]"
15    Link="/Content/Flare/Introduction/Company-Product-Information.htm" x
16 </CatapultToc>
```

Target: Project/TOCs/Online-TOC.ftoc;Local

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <CatapultToc
3   Version="1">
4   <TocEntry
5     Title="[%=System.LinkedTitle%]"
6     Link="/Content/Flare/Introduction/Get-Started.htm" xmlns:MadCap="
7   <TocEntry
8     Title="[%=System.LinkedTitle%]"
9     Link="/Content/Flare/Introduction/Features/Key-Features.htm" xmlns:
10  <TocEntry
11    Title="[%=System.LinkedTitle%]"
12    Link="/Content/Flare/Introduction/Resources.htm" xmlns:MadCap="ht
13  <TocEntry
14    Title="[%=System.LinkedTitle%]"
15    Link="/Content/Flare/Introduction/Company-Product-Information.htm
16 </CatapultToc>
```

100 %

100 %

Result: Project/TOCs/Online-TOC.ftoc

```
1 <?xml version="1.0" encoding="utf-8"?> [
2 <CatapultToc
3   Version="1">
4   <TocEntry
5     Title="[%=System.LinkedTitle%]"
6     Link="/Content/Flare/Introduction/Get-Started.htm" xmlns:MadCap="http://www.madcapsoftware.com/Schemas/MadCap.xsd" />
7   <TocEntry
8     Title="[%=System.LinkedTitle%]"
9     Link="/Content/Flare/Introduction/Resources.htm" xmlns:MadCap="http://www.madcapsoftware.com/Schemas/MadCap.xsd" />
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11    Title="[%=System.LinkedTitle%]"
12    Link="/Content/Flare/Introduction/Company-Product-Information.htm" xmlns:MadCap="http://www.madcapsoftware.com/Schemas/MadCap.xsd" />
13 </CatapultToc>
```

TIPS

- Assigning Files/Sections to Different Authors
 - Consider one person handling certain files (e.g., targets, stylesheets)
 - Tables of contents
 - Resolve conflicts in merge editor
 - Multiple TOCs



- Project
 - Advanced
 - Conditional Text
 - Destinations
 - Exports
 - Glossaries
 - Imports
 - Reports
 - Skins
 - Targets
 - TOCs
 - Attractions-TOC
 - Master-Online-TOC (Master)
 - Music-TOC
 - People-TOC
 - Variables

TOCs Date modified: 12/1/2020 3:4...
File folder

MadCap Central

Content Explorer



TOC Editor

- Introduction
- Attractions
- Music





TIPS

- Tagging Merges From Release to Master

d01864...	Paul Stoecklein	8/4/2020 12:42:58 PM	Flare - Edits for table styles and note in mail setup dialog
5e5ba127	Paul Stoecklein	8/3/2020 9:34:37 AM	Flare - fixed typo
f91269b7	Paul Stoecklein	8/1/2020 9:44:30 AM	Lingo - finished pdfs and server output
487164c9	Paul Stoecklein	7/31/2020 4:41:38 PM	Lingo - PDF edits
7c82f163	Paul Stoecklein	7/31/2020 4:17:01 PM	Lingo - PDF edits
9b39f810	Paul Stoecklein	7/31/2020 4:16:58 PM	Lingo - PDF edits
cc4f6612	Paul Stoecklein	7/30/2020 3:23:15 PM	Flare - Added content for editing table styles
491fb8a3	Paul Stoecklein	7/30/2020 10:07:28 AM	Flare - finished custom toolbar tutorial
b29c9d...	Paul Stoecklein	7/30/2020 7:57:03 AM	Central - fixed sitemap
e1b952a8	Paul Stoecklein	7/30/2020 7:52:58 AM	Central - fixed sitemap
573cc2f7	Paul Stoecklein	7/29/2020 3:53:40 PM	Flare - custom toolbar tutorial
793c4581	Paul Stoecklein	7/29/2020 3:53:36 PM	Flare - custom toolbar tutorial
76b364f9	Paul Stoecklein	7/29/2020 9:33:58 AM	Flare - custom toolbar tutorial
711ece82	Paul Stoecklein	7/29/2020 9:33:54 AM	Flare - custom toolbar tutorial
16223344	Paul Stoecklein	7/28/2020 4:46:07 PM	Flare - tutorial edits
5ba1a8...	Paul Stoecklein	7/28/2020 4:45:59 PM	Flare - tutorial edits
8f2ebdab	Paul Stoecklein	7/28/2020 10:03:32 AM	Flare - tutorial edits
445cac5a	Paul Stoecklein	7/23/2020 10:23:27 AM	Flare - Edits related to tutorials
aaf6a63b	Paul Stoecklein	7/22/2020 11:06:16 AM	Flare - Tutorial edits
cc68901e	Paul Stoecklein	7/22/2020 11:06:12 AM	Flare - Tutorial edits
da907800	Paul Stoecklein	7/21/2020 4:10:57 PM	Flare - Edits to tables tutorial
b38f4e8d	Paul Stoecklein	7/21/2020 3:26:21 PM	Flare - Finished tutorial first draft
65a78f02	Paul Stoecklein	7/21/2020 3:26:17 PM	Flare - Finished tutorial first draft
fdf6ae9a	Paul Stoecklein	7/20/2020 4:04:43 PM	Flare - Lots of edits for tutorial
022f33a8	Paul Stoecklein	7/17/2020 3:52:42 PM	Flare - began writing topics for tutorial
630b9225	Paul Stoecklein	7/17/2020 11:34:33 AM	Flare - Bug 155676 and 155266
d2513e63	Paul Stoecklein	7/17/2020 8:59:59 AM	Flare - image hover tutorial edits
16ad79...	Paul Stoecklein	7/16/2020 4:00:07 PM	Flare - image hover popup tutorial edits
b3c803c8	Paul Stoecklein	7/16/2020 4:00:03 PM	Flare - image hover popup tutorial edits
834d60c2	Paul Stoecklein	7/16/2020 7:12:46 AM	Merge branch 'release' into Flare/javascript-tutorial-image-hover
214db0...	Paul Stoecklein	7/15/2020 9:09:03 AM	Flare - Added space in URL
94717d2f	Paul Stoecklein	7/14/2020 2:42:13 PM	Lingo - Bug 156811
87d5bc...	Paul Stoecklein	7/14/2020 2:33:42 PM	Flare - Finished first draft of tutorial
c4f7eec1	Paul Stoecklein	7/14/2020 1:29:01 PM	Merge branch 'release' into Flare/javascript-tutorial-image-hover
959faff1	Paul Stoecklein	7/14/2020 1:27:33 PM	Lingo - Added delta alternate keyword
7e341dcf	Paul Stoecklein	7/14/2020 10:42:38 AM	Flare - Bug 162291

724bc9...	Paul Stoecklein	10/21/2020 4:24:00 PM	Flare - Created micro content	
15ba0fc0	Paul Stoecklein	10/8/2020 4:12:31 PM	Global - condition changes for doc bible	
1001b3fb	Paul Stoecklein	10/7/2020 8:37:35 AM	Merge branch 'release'	CentralOctober2020
20ca08cd	Paul Stoecklein	10/6/2020 2:01:36 PM	Central - PDF edits	
80393300	Paul Stoecklein	10/6/2020 12:35:52 PM	Flare - fixed micro content for madcap central window pane	
9f999ec8	Paul Stoecklein	10/6/2020 10:46:34 AM	Flare - Added some micro content	
8ee9e0dc	Paul Stoecklein	10/6/2020 10:21:53 AM	Flare - Added example for definition lists	
5a4bb3...	Paul Stoecklein	10/5/2020 3:49:34 PM	Central - Updated conditions in targets	
2eb8b1...	Paul Stoecklein	10/5/2020 2:44:29 PM	Merge branch 'release'	Flare2020r2
8f50a549	Paul Stoecklein	10/5/2020 1:34:54 PM	Flare - misc	
29ae4248	Paul Stoecklein	10/5/2020 1:34:51 PM	Flare - misc	
14898f49	Paul Stoecklein	10/5/2020 11:58:00 AM	Flare - Added image to test white space	
5064357c	Paul Stoecklein	10/5/2020 10:27:20 AM	Flare - PDF fixes	
1ecf1858	Paul Stoecklein	10/4/2020 3:54:01 PM	Flare - fixed broken links	
474b0b...	Paul Stoecklein	10/4/2020 3:06:40 PM	Flare - updated pdf batch target and zip file size	
fe05a608	Paul Stoecklein	10/4/2020 2:36:03 PM	Merge branch 'Flare/pdfs' into release	

INTERNAL MADCAP SOURCE CONTROL PDF

<https://docs.madcapsoftware.com/doc-team/Source-Control.pdf>

- Pages 13-14: Best Practices
- Pages 26-27: Daily Tasks
- Pages 87-95: Merge to Master and Create Tag
- Pages 96-119: Issues, Conflicts, and Messages

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AMS

A panoramic view of the Austin skyline at sunset, with the city lights beginning to glow against a sky of orange and blue. The foreground shows a river and some greenery on the left, and more buildings on the right.

MADWORLD

AUSTIN, TEXAS



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LIVE WEBINAR



QUESTIONS?