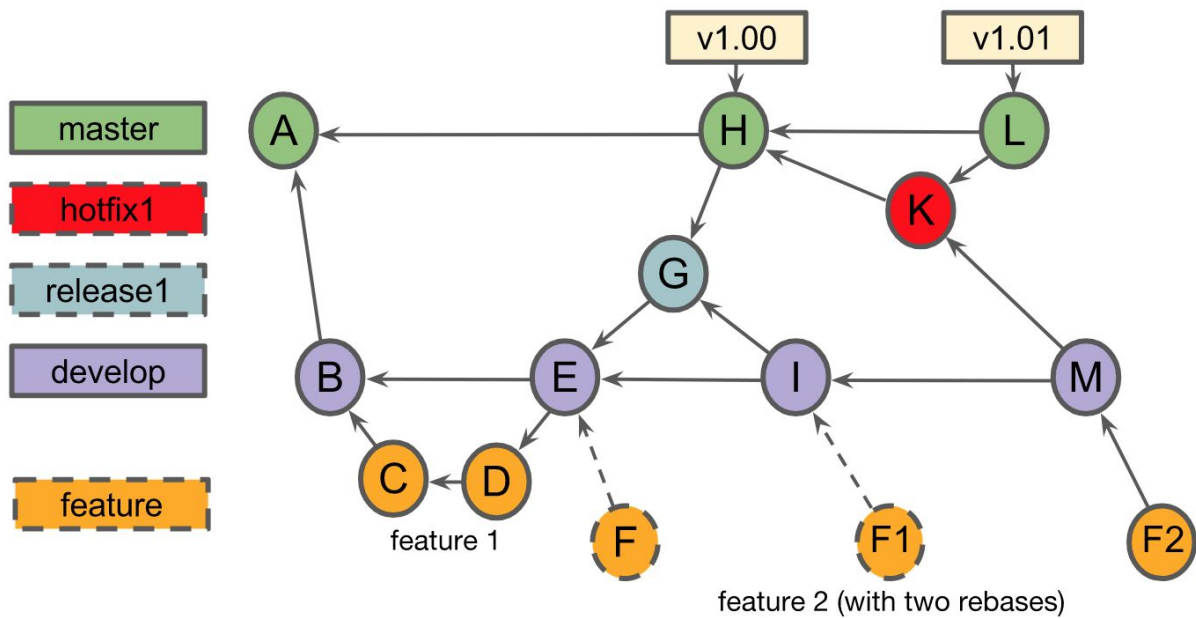


# Version Control with Git

## final project

Create a Git repository with the commits shown in the commit graph and table below. This simulates a team building and releasing a product using the Gitflow workflow. The first release (v1.00) has only one feature. Soon after release, a bug was discovered and a hotfix (v1.01) was necessary.

When you are finished, find someone to check your work. They can clone your repository to check it. Feel free to experiment and good luck!



commit	type	fileA.txt content	create on branch	commit message	parents	notes
A		-	master	add README.md	-	create README.md
B		"" (empty string)	develop	add fileA.txt	A	
C		"feature 1 wip"	feature1	feature 1 wip	B	
D		"feature 1 with 2 bugs"	feature1	add feature 1	C	
E	merge commit	(no change)	develop	Merge branch 'feature1' into develop	B, D	delete feature1 label

F		"feature 1 with 2 bugs feature 2 wip"	feature2	feature 2 wip	E	
G		"feature 1 with 1 bug"	release1	fix feature 1 bug X	E	
H	merge commit	results in "feature 1 with 1 bug"	master	Merge branch 'release1'	A, G	tag "v1.00"
I	merge commit	results in "feature 1 with 1 bug"	develop	Merge branch 'release1' into develop	E, G	delete release1 label
F1	rebase	"feature 1 with 1 bug feature 2 wip"	feature2	feature 2 wip	I	will need to resolve merge conflict
K		"feature 1"	hotfix1	fix feature 1 bug Y	H	
L	merge commit	"feature 1"	master	Merge branch 'hotfix1'	H, K	tag "v1.01"
M	merge commit	"feature 1"	develop	Merge branch 'hotfix1' into develop	I, K	delete hotfix1 label
F2	rebase	"feature 1 feature 2 wip"	feature2	feature 2 wip	M	will need to resolve merge conflict