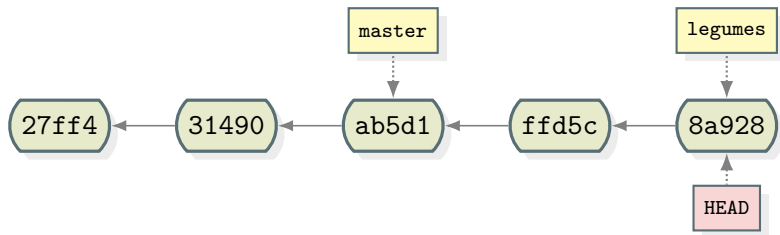


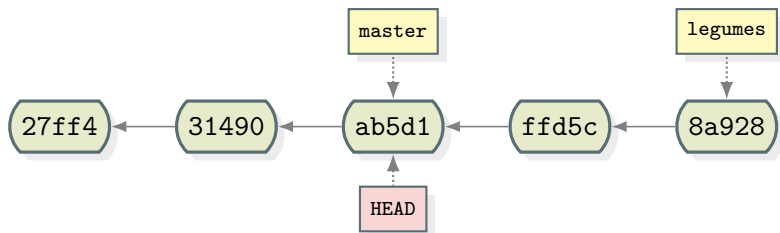
The DAG in Git: Branches 2



(a) Travaillons sur master

↪ `git checkout master`

The DAG in Git: Branches 2



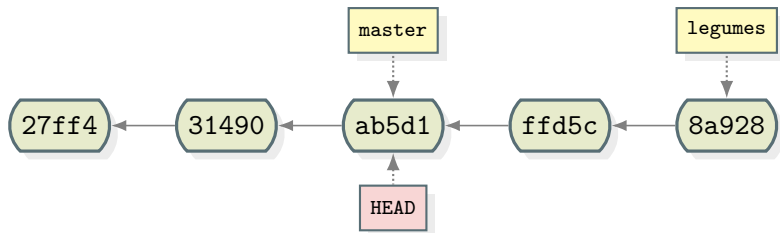
(a) Travaillons sur master

⇒ `legumes.txt` n'existe plus dans *Working Directory*)

`git checkout master`



The DAG in Git: Branches 2

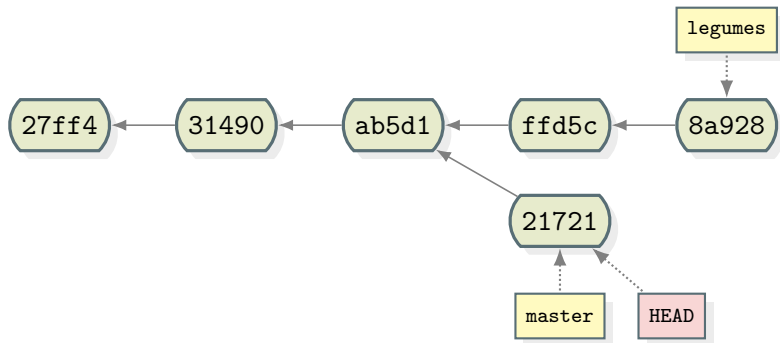


(a) Travaillons sur master

```
git checkout master
```

```
↪ echo poire >> fruits.txt ; git add fruits.txt  
git commit -m "Ajouté poire à fruits.txt"  
→ ID = 21721
```

The DAG in Git: Branches 2



(a) Après nouveau *commit* sur master

```
git checkout master
```

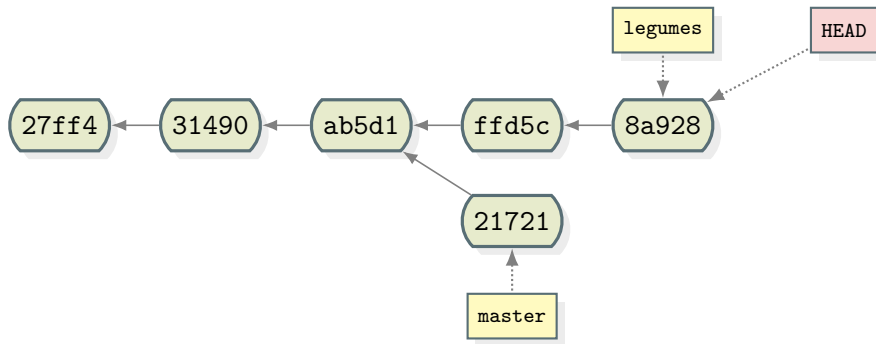
```
echo poire >> fruits.txt ; git add fruits.txt
```

```
git commit -m "Ajouté poire à fruits.txt"
```

→ ID = 21721



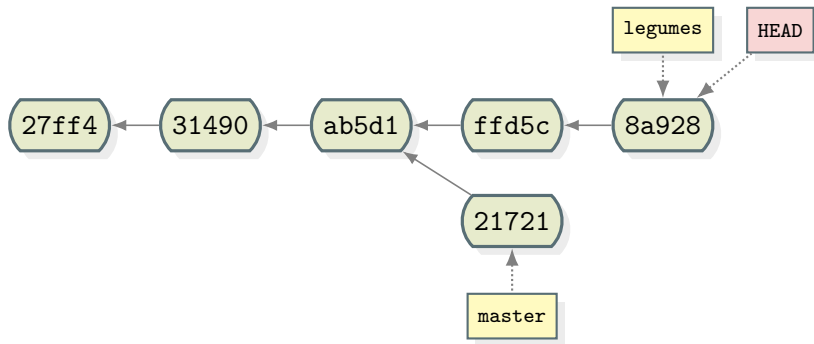
The DAG in Git: Merge 1



(a) Allons sur légumes, regardons les différences

```
git checkout legumes
```

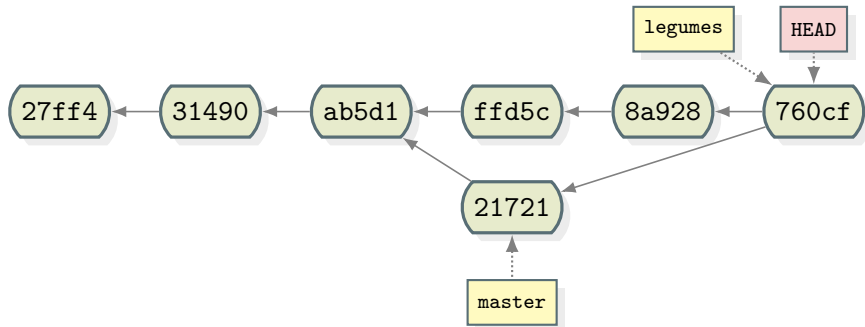
The DAG in Git: Merge 1



(a) Allons sur légumes, regardons les différences

```
git checkout legumes  
git diff master
```

The DAG in Git: Merge 1



(a) Merger master dans légumes : produit un nouveau commit

```
git checkout légumes
```

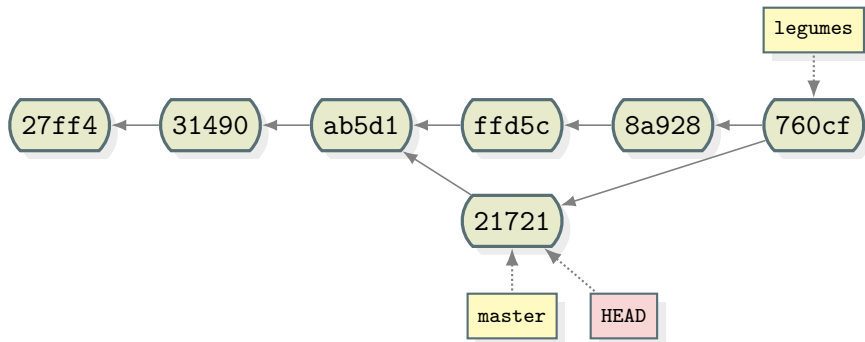
```
git diff master
```

```
git merge master
```

Merge 1 : Vue dans la console

```
wrudamet@beaner[legumes L|✓] ~/COURS/Git/mon_depot $ git l
* 760cf0e [2017-12-01] (HEAD n-> refs/heads/legumes) Merge branch 'master' into legumes [rudametw]
\
* 8a928c9 [2017-12-01] (refs/heads/master) Ajouté poire à fruits.txt [rudametw]
* | 1888830 [2017-12-01] Ajout courgette à legumes [rudametw]
* | ffd5c3e [2017-12-01] Ajout de legumes [rudametw]
|/
* ab5d1c0 [2017-12-01] Ajouté orange à fruits.txt [rudametw]
* 3149017 [2017-12-01] Ajouté banane à fruits.txt [rudametw]
* 27ff4c1 [2017-11-30] Pomme ajouté à la liste de fruits [rudametw]
```

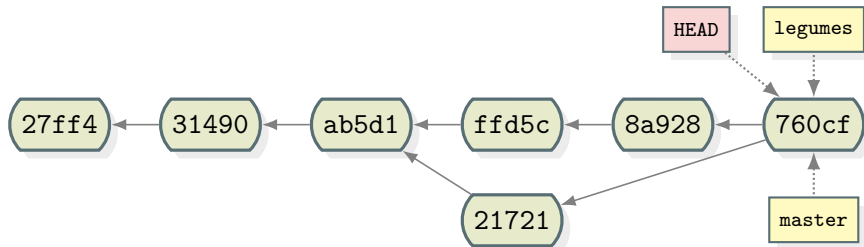

The DAG in Git: Merge 2



(a) Allons sur master

```
git checkout master
```

The DAG in Git: Merge 2



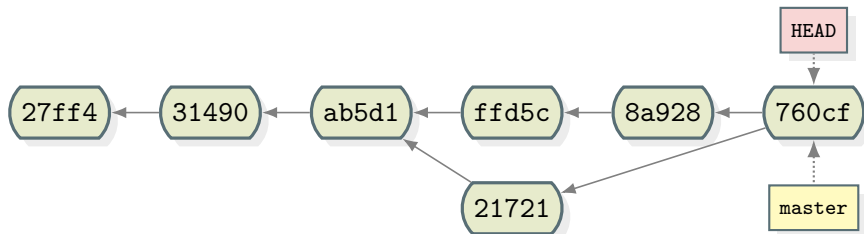
(a) Merger légumes dans master : pas de nouveau commit

```
git checkout master
```

```
git diff legumes
```

```
git merge legumes
```

The DAG in Git: Merge 2



(a) Effacer la branche légumes

```
git checkout master  
git diff legumes  
git merge legumes  
git branch -d legumes
```