

What is SDCL?

What is a waterfall?

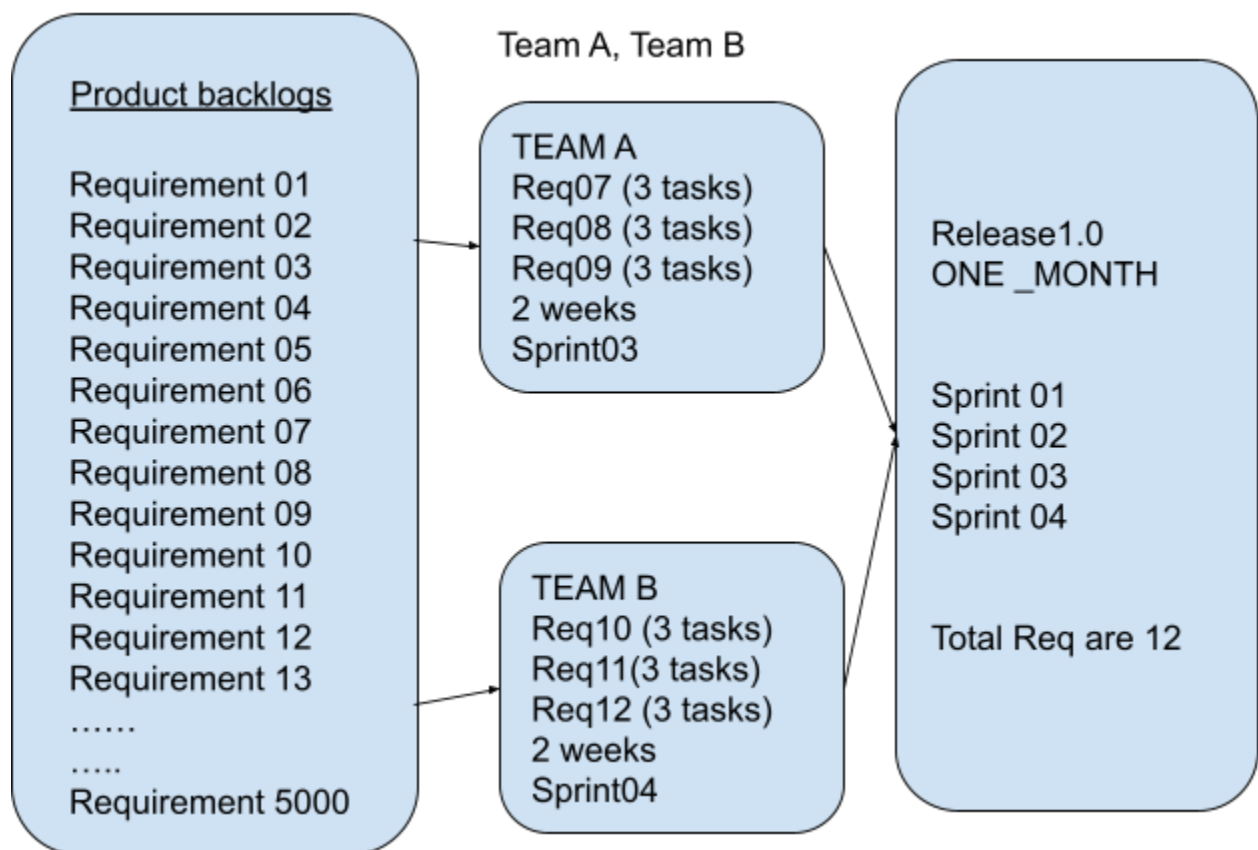
What is Agile ?

Diff agile vs waterfall?

What is a sprint?

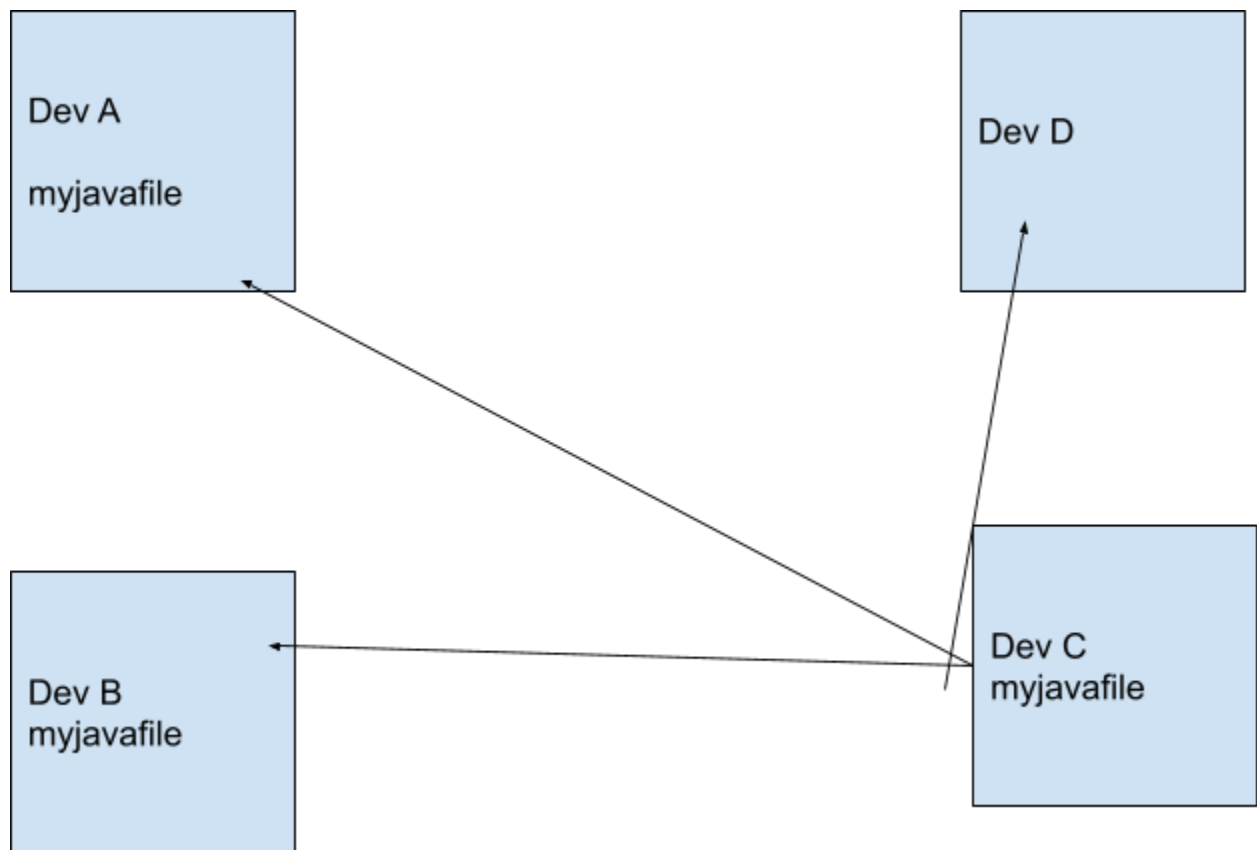
What is sprint CL?

What is released?



CICD:

- 1) version control: **GIT**
- 2) Build tool : **Maven**
- 3) CI(automation): **jenkins**
- 4) CD(artifact) : **jfrog**
- 5) Code analyzer : **sonarqube**



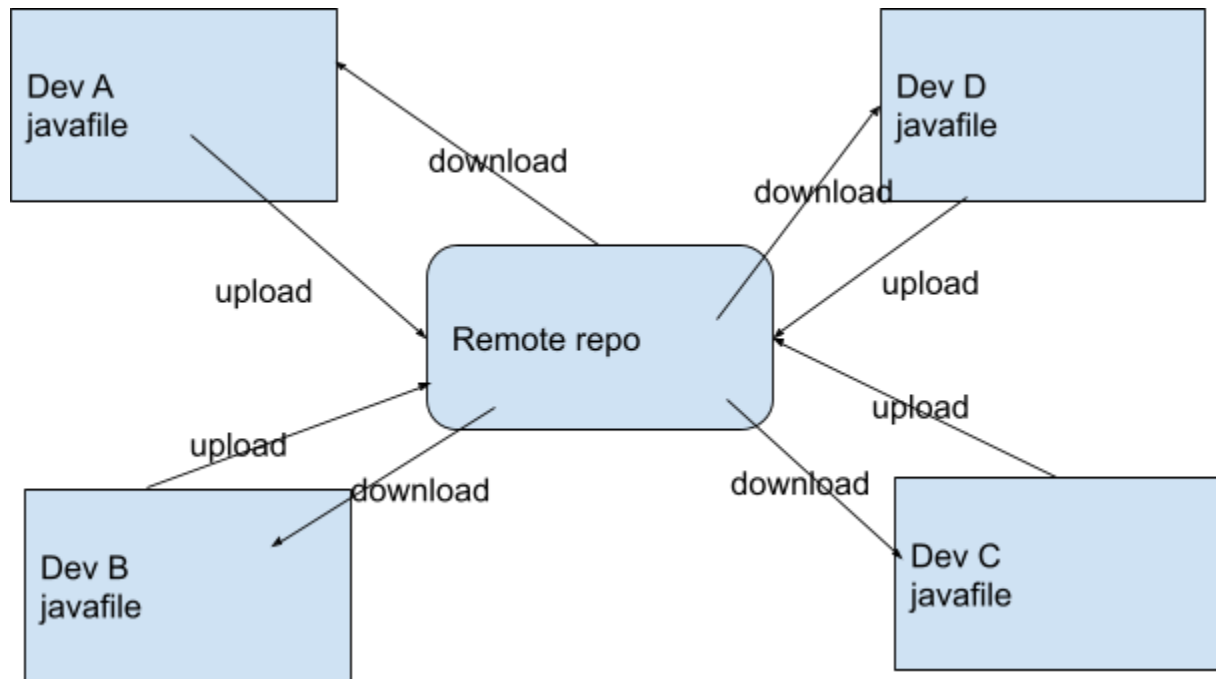
Without version control:

In 100% of work

80% of time for merge

20 % of time for write

With version control:



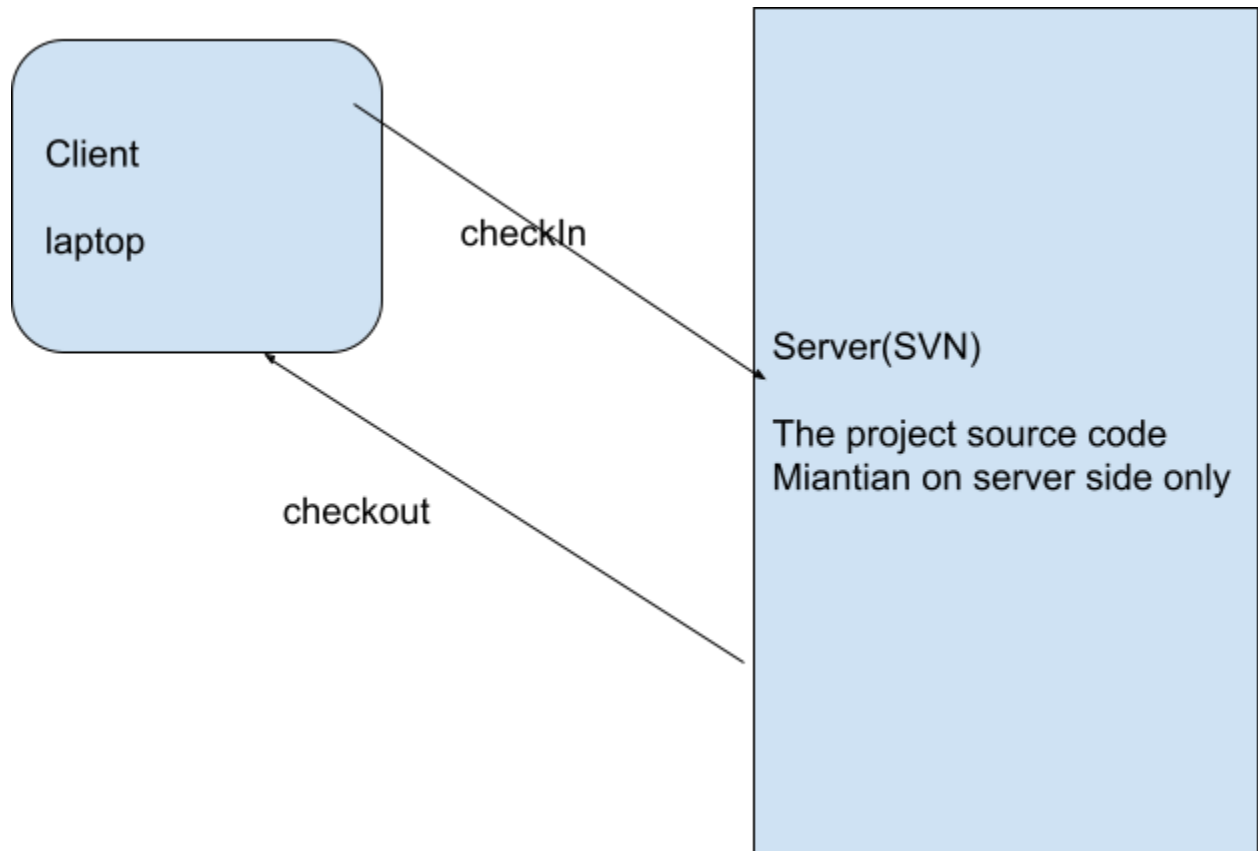
In 100 % of time
20 % for merge
80 % for write code

- 1) We can create versions for each change**
- 2) We can go back older versions at point of time**
- 3) We can do auto merge (if it possible only)**
- 4) We can create branches**

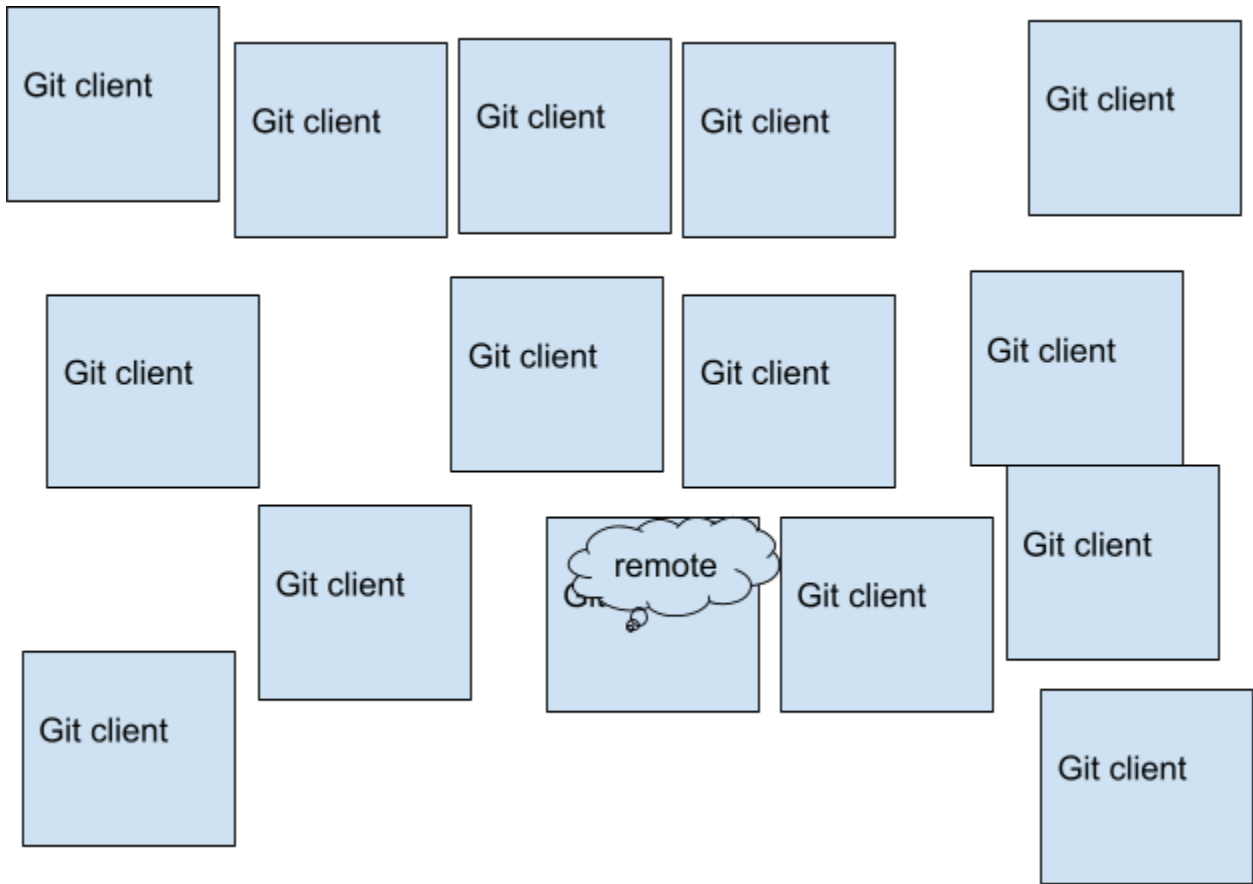
Two types of version control:

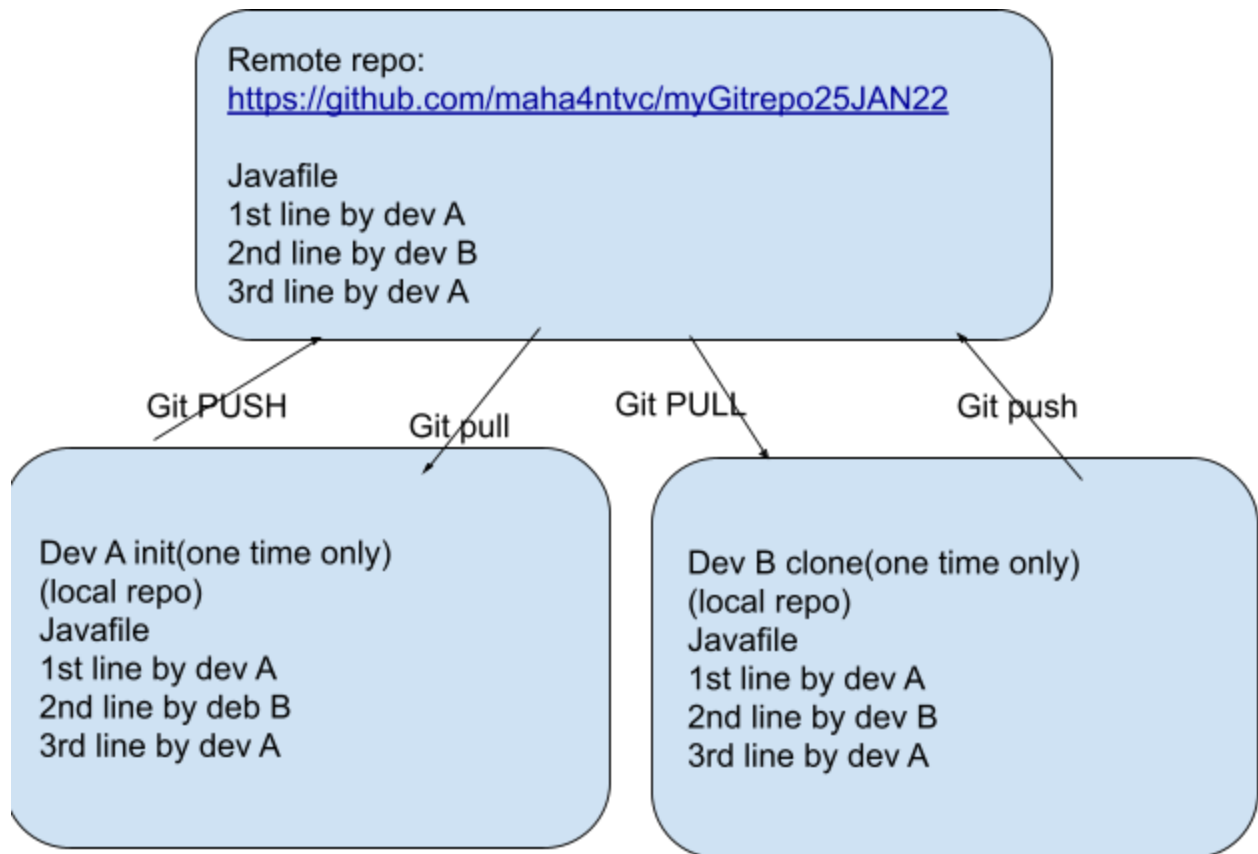
- 1) Client and server**
- 2) Distributed ART**

Client and servers ART:



Distributed Art: GIT

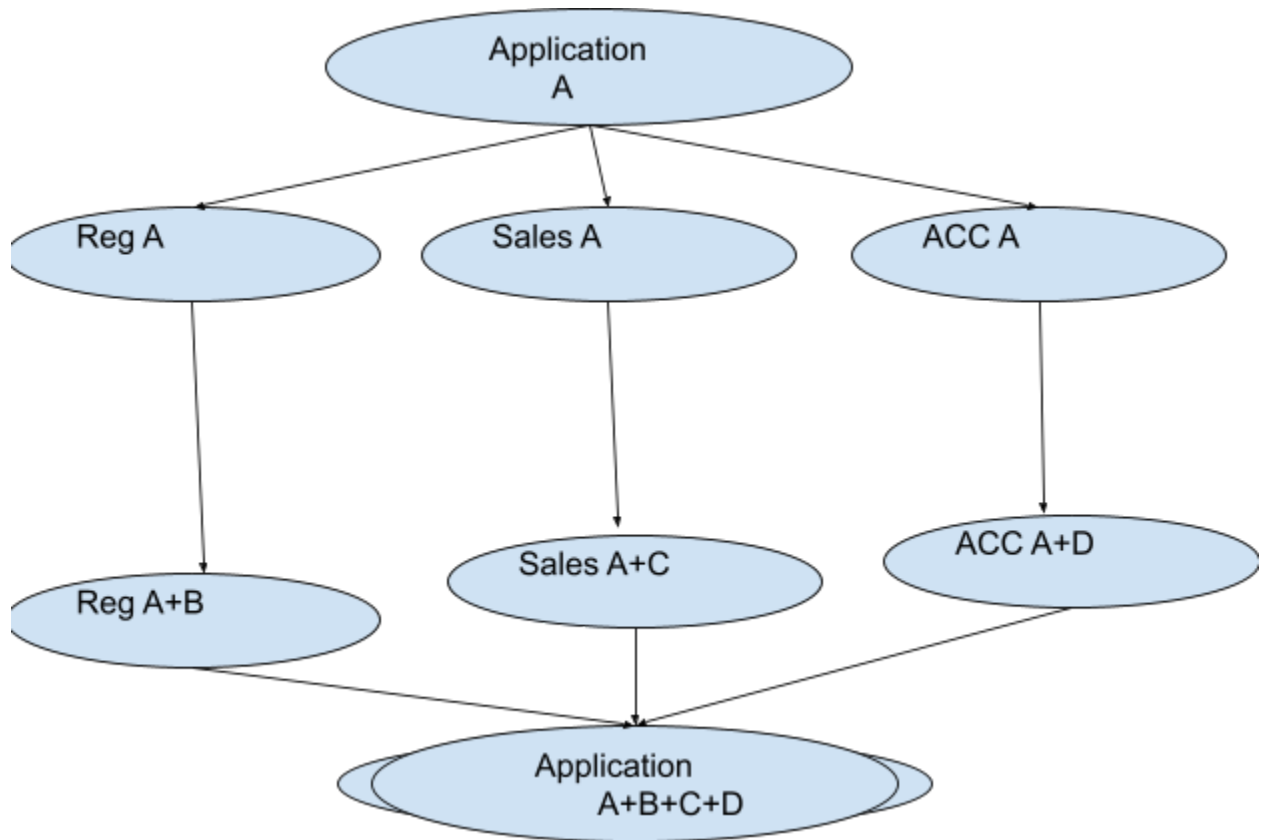




- 1) New changes are in working tree
- 2) Add init staging area : **git add -A**
- 3) Save changes init local repo : **git commit -m "comment"**
- 4) Update change into remote : **git push**

Branches?

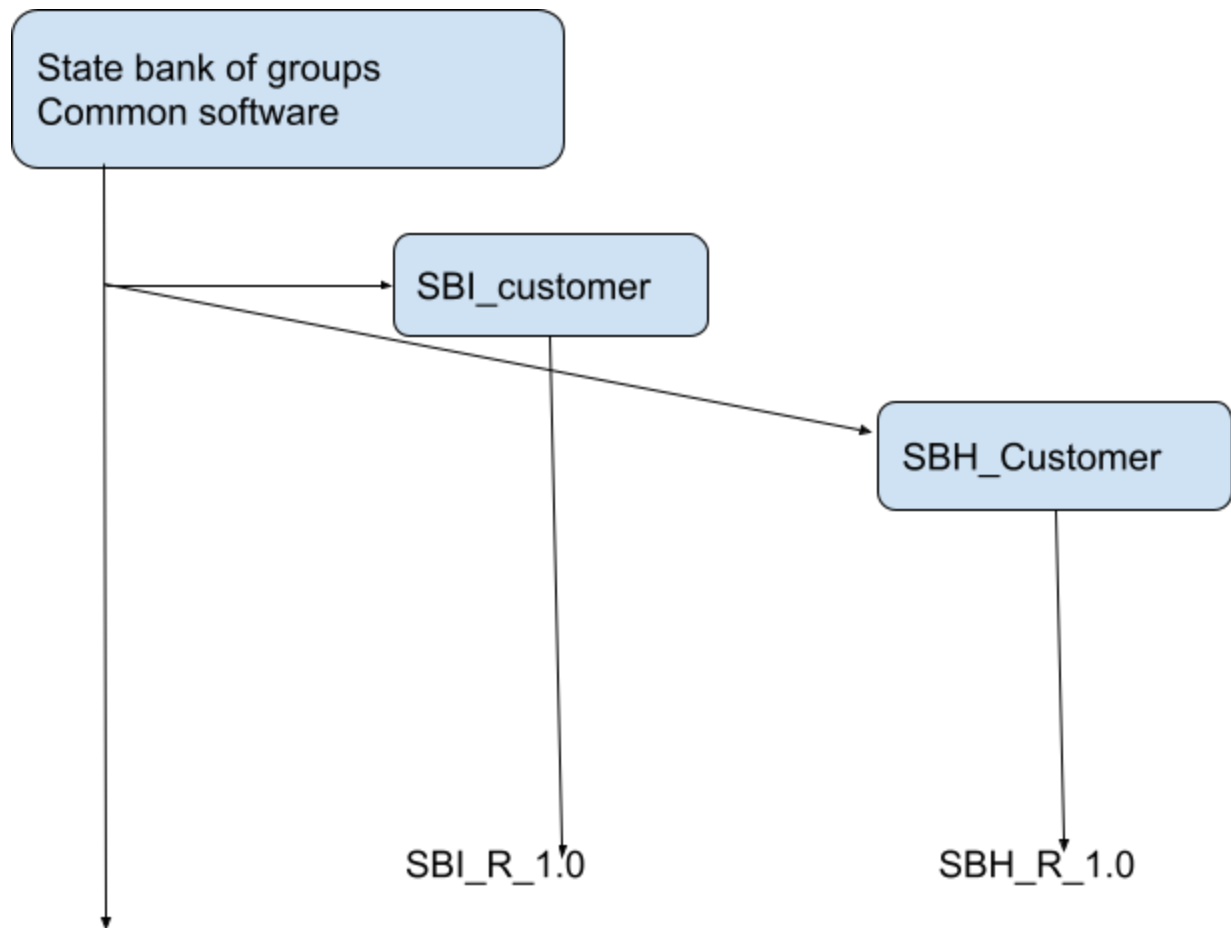
- 1) Reg & login
- 2) Payment and sales
- 3) Account and Dashboard



Git branch are Two types:

- 1) Customer branch
- 2) Release branch

Customer branch:



Git checkout -b <new branch name>

Git checkout <branch name>

Git merge

