This article is about version control and why it is important.

What is version control? Version control is a system that allows users to keep track of all the changes in software projects and allows them to collaborate on those projects. Using this system, the developers can work on the code together and work on separate tasks through branches. There can be several branches in a version control system, according to the number of collaborators. The branches are specified individually as the code changes within one of those branches. The codes can be combined when required and can view the changes they made, go back to the past versions, and manage the code in the way they desire. But there are other purposes for the version control system. It can help develop and ship products more efficiently.

There are a lot of advantages and benefits of having a version control system. For example, there is no need to keep local copies manually, you can check in on the latest changes, you can always keep updating to the latest working files, easy to work with as a team, you can freely experiment with the code, work with the code offline, can make backups and reduce the number of errors and duplicates.

But there are some disadvantages to having a version control system. Like having one point of failure which means no one can make changes to their code, or losing all the hard work of coding and it goes to waste because of corruption in the server. The network connection can also affect working on the code if it’s too slow it will take a long time for the changes to be saved.

Websites:

<https://hackernoon.com/top-10-version-control-systems-4d314cf7adea>

<https://www.codebasehq.com/blog/an-introduction-to-version-control>