

Version Control & Development Workflow

The Issue

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- Limited version control - only superficial content
- Custom CMS/CRM - MSL
- No access to server for file editing and/or upload
- Site code has to be entered on the web



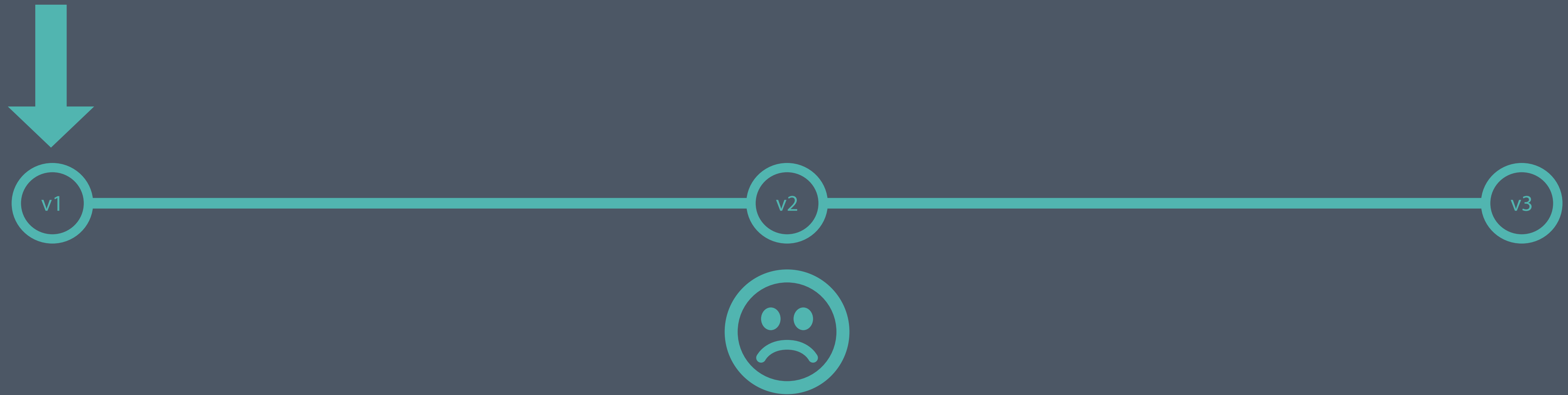
Existing Workflow

- => Edit Local Files
- => Save
- => Preprocess Files
- => Open processed versions
- => copy to browser
- => Save browser
- => Refresh Page

- Generate local development environment using templates.
- Copy / paste local code to browser. Save refresh.
- All done on the live server
- Staging area === Very Expensive

What is Version Control?

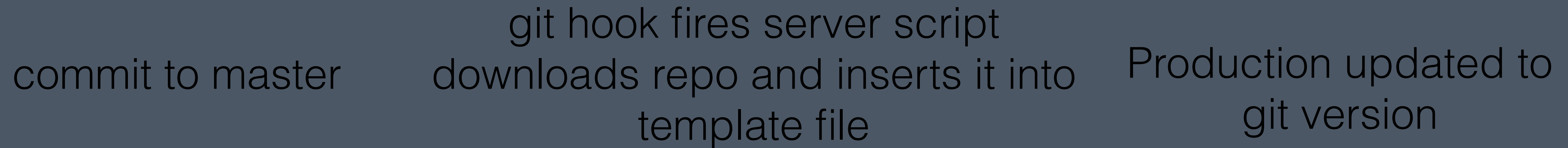
What is Version Control?



Integrating the git workflow

The Solution

git Hook



Automatically pulls the content from the repository to the production environment once a merge has been committed to the 'Master' branch.

**Why haven't we done
this already?**

Cost vs. Value

Value of the Website

- Supports ALL core operations
 - Sales
 - Communications
- Cornerstone of communications with students.

Cost of git

FREE*

.....but

Cultural Change

- Changing workflow of development team.
- encourage documentation and active participation in development cycles.
- Education of future staff on the processes and procedures.
- Documentation



Looking ahead

Open Source the Project

- Opportunity for Students to be actively involved in the design, development and maintenance of an active client site
- Allow anyone to get involved with the project

Get students involved with the design, development and maintain of the website as a key project. Potentially part of an assignment?



```
$ git add “Thanks.md”
```

Referenced Texts

- <http://oss-watch.ac.uk/resources/recruitingstudents>