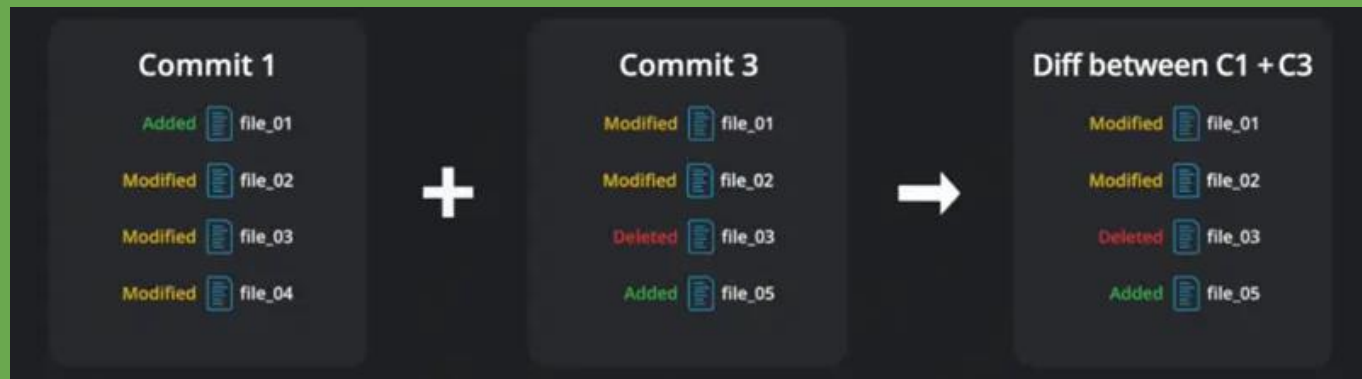


Ferramentas de versionamento: Git

Daniel Brito, Daniel Terra, João Dias

Criação

- DIFF
- Data de criação



```
},
{
@@ -59,10 +59,15 @@
    "Gathering past data for schizophrenia with people from medecal_city...\n",
    "Number of People with information on schizophrenia in medecal_city: 74\n",
    "Number of relevant metrics for schizophrenia: 410\n",
    "Splitting Available data into Train: 50.00% Validation: 50.00%\n",
    "\n",
    "schizophrenia Patient Distribution\n",
    "0.0: 40\n",
    "1.0: 34\n",
    "\n",
    "Splitting Available data into Train: 85.00% Validation: 15.00%\n",
    "Fitting with Logistic Model...\n",
    "Accuracy on 37 training data: 100.00%\n",
    "Accuracy on 37 validation data: 70.27%\n",
    "Accuracy on 62 training data: 100.00%\n",
    "Accuracy on 12 validation data: 66.67%\n"
}
}
```

Git ou SVN?

- [Stackoverflow survey](#): 93.87% VS 5.18%
- Centralizado ou Distribuído?
 - C: SVN e Team Foundation Server
 - D: Git e Mercurial
 - E se o server cair?
 - Travado VS sincronizar com repositórios locais



Git ou SVN?

Operation	Git	SVN	Ratio	Description
Commit Files (A)	0.64	2.60	4x	Add, commit and push 113 modified files (2164+, 2259-)
Commit Images (B)	1.53	24.70	16x	Add, commit and push a thousand 1 kB images
Diff Current	0.25	1.09	4x	Diff 187 changed files (1664+, 4859-) against last commit
Diff Recent	0.25	3.99	16x	Diff against 4 commits back (269 changed/3609+,6898-)
Diff Tags	1.17	83.57	71x	Diff two tags against each other (v1.9.1.0/v1.9.3.0)
Log (50)	0.01	0.38	31x	Log of the last 50 commits (19 kB of output)
Log (All)	0.52	169.20	325x	Log of all commits (26,056 commits – 9.4 MB of output)
Log (File)	0.60	82.84	138x	Log of the history of a single file (array.c – 483 revs)
Update	0.90	2.82	3x	Pull of Commit A scenario (113 files changed, 2164+, 2259-)

Git ou GitHub?

- Sistema de controle de versão
 - Git
 - Mercurial
 - Subversion



git



mercurial

- Plataforma de controle de versão
 - Bitbucket
 - GitHub
 - GitLab



Bitbucket



GitHub



GitLab

Vocabulário e comandos

- commit
- branch
- repositório
 - local
 - remoto
- blame
- merge
- push
- pull
- squash
- stage
- status
- git hash
- checkout
- log

Ferramentas de versionamento: Git

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