

# createCommitTable

July 1, 2021

```
[1]: import pandas as pd
```

We print log for commits between May 1, 2021(including) and May 31, 2021(including) that contain functional changes(commit message does not contain “doc”)

```
[2]: db_pwd = "~/VictoriaMetrics/"
pwd_output = !pwd
current_dir = pwd_output[0]
filter_params = '--since "FEBRUARY 28 2021" --until "JUNE 1 2021" \
--pretty=format:"%h; %cd; %s" --grep="#" --regexp-ignore-case'
```

```
[3]: !cd {db_pwd} && git log --oneline {filter_params} | wc -l
```

69

We have 86 commits that contain functional changes, pull request are squashed before merge, so we do not need to exclude something else.

Let's save these commits as commits.csv

```
[4]: !cd {db_pwd} && git log {filter_params} > {current_dir}/commits.csv
```

Process data and format it to number (recent commits at the top); version1 hash (new); version2 hash (old); date (optional, for debugging); subject (optional, for debugging)

```
[5]: df = pd.read_csv('commits.csv', sep=';', names=["hash", "date", "message"])
df = df.reindex(index=df.index[::-1])
df.reset_index(inplace=True, drop=True)
df = df.reindex(index=df.index[::-1])
df.head()
```

```
[5]:      hash      date \
69 ddc80227 Mon May 31 09:21:23 2021 +0300
68 f0c21b63 Thu May 27 14:52:44 2021 +0300
67 2bbb1cc7 Wed May 26 12:28:58 2021 +0300
66 7ecaa2fe Wed May 26 12:26:45 2021 +0300
65 d210958f Tue May 25 14:27:22 2021 +0100
```

```

                                message
69             fixes solaris build (#1345)
68  lib/promsrape: apply body size & sample limi...
67                                Docs review (#1330)
66             update the issue template (#1329)
65  vmalert: automatically reload configuration o...

```

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[6]: df['new_version'] = df.hash.copy()
     df['baseline'] = df.hash[0]
     df = df.drop(df.index[-1])
     df.tail()

```

```

[6]:      hash                                date \
5  433fff00  Tue Mar 9 12:26:23 2021 +0200
4  364fdf4a  Tue Mar 9 09:18:19 2021 +0200
3  621bf037  Wed Mar 3 10:51:51 2021 +0200
2  e154f4a6  Wed Mar 3 10:43:39 2021 +0200
1  f4f8f218  Wed Mar 3 07:46:10 2021 +0000

```

```

                                message new_version baseline
5  duplicate timeseries fix for prometheus_bucke...  433fff00  f6114345
4                                spelling fix: adjacent (#1115)  364fdf4a  f6114345
3                                Vmagent docs upd (#1104)  621bf037  f6114345
2                                Fix ingress discovery api (#1110)  e154f4a6  f6114345
1  vmalert: docs update - status endpoint needs ...  f4f8f218  f6114345

```

```

[7]: df = df[['new_version', 'baseline', 'date', 'message']]
     df.head()

```

```

[7]:      new_version baseline                                date \
69  ddc80227  f6114345  Mon May 31 09:21:23 2021 +0300
68  f0c21b63  f6114345  Thu May 27 14:52:44 2021 +0300
67  2bbb1cc7  f6114345  Wed May 26 12:28:58 2021 +0300
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```

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```

```

[8]: df.to_csv('commitTable.csv',index_label='number',sep=';')
     df = df.sample(n=5, random_state=123)
     df.to_csv('commitTableTest.csv',index_label='number',sep=';')

```

[ ]: