TruckFactor

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We compute truck factor TF by finding the number of developers who added code to that file. My initial version is taking a simple approach, parsing log files and uploading to the database takes about two minutes. To run the data collection and truck factor computation, install the `okra` python package and run

```
python run_analysis.py
```

in this, `EDS19/04-truck`, folder.

Table 1: Truck Factor Results

repo_name	truck_factor
tensorflow/docs	2
tensorflow/tensorboard	5
tensorflow/mesh	1
tensorflow/tensorflow	9

We can compute the number of commits in the database per project.

Table 2: Number of Commits per Project

owner_name	project_name	n
tensorflow	tensorflow	41075
tensorflow	docs	3288
tensorflow	tensorboard	2146
tensorflow	mesh	54

We can also compute the number of unique authors per project.

Table 3: Number of Unique Authors per Project

owner_name	project_name	n
tensorflow	tensorflow	1917
tensorflow	docs	410
tensorflow	tensorboard	151
tensorflow	mesh	9

Number of files per project which were commited with average number of additions and deletions.

Table 4: File Stats per Project

owner_name	project_name	total_files	avg_lines_added	avg_lines_deleted
tensorflow	tensorflow	198764	32.98697	15.509806
tensorflow	tensorboard	10591	36.83618	20.539326
tensorflow	docs	5571	45.13732	25.240531
tensorflow	mesh	156	85.13462	7.512821