

Dawid Wozniak:

OK, so let's get started. So just a reminder that we finished the first iteration, now implemented something, I focus more on the UI part here. So, I will ask you a question related to how it looks and so on. There would be a third iteration. It would be after Easter and then I will focus more on the functionality. The 4th would be comparison between the final version and the version without the commit history whatsoever. Now you can also test it yourself. I will send you instruction how to do it technically, but for now we have a limitation because of the scalability there. We just take the 5000 latest comments. So, it means that from today if you want to analyse some of our repo then you will see only 5000 comments. So, let's go to the visualisation. When you run the product, you will see something like this. I didn't pre analyse some stuff but we can do it here. And if you click there, then you can see the version, link to the code. If you use the comment that I will provide in a minute, then this version will increase every time I updated it. So, do you want to see NAV or platform?

Blazej:

Platform, probably.

Dawid Wozniak:

Yeah. OK, so now it's analysing probably, it will take a minute because I didn't pre analyse them so I will talk about how you can run it. So, if you want to run it on your local machine, you can do it without looking into the code. You just need to execute this command in the terminal.

Blazej:

I won't be doing that anyway.

Dawid Wozniak:

Yeah, but it's good to give you that opportunity. Maybe you'll change your mind at some point. So it's `npx -y git-truck@latest`. Then, you will use this product, maybe, you are not that curious to do something with me here, so you can try alone. It will be just you with your product.

Blazej:

It's a cool icon.

Dawid Wozniak:

Yeah, it's a gift. I think that the idea was that you have a git repository and you have delivered, and we will bring you some information. That's our report. So here the first thing that I will do I will just disable animation because as you can see it's very huge repository comparing to the previous one that I've shown. So now when you click the big bubble it will take a second. You can see that there is another tab called commit details. That is what I'm responsible for and here what you have you can search for particular word in the commit message. So, if you want to, let's say just find „update“, then you have only commits that have this particular word in the title. You can also search by author. For now, there is no autocompletion, but if you go there and you will have like top contributor then you can see what the name of the authors is. Finally, there is a date so you can also search by date. Filter to exclude merge commits but it does not have an effect here as we don't use this strategy so we always merge in the one commit. And so my first question is what do you think about this new tab? Is it a better idea that it used to be in just general tab or should be extracted in a different way?

Blazej:

It seems like you have a lot of details here. So, it's good that. There is a separate tab. You might want to maybe play a little bit with the UI so that it's yeah easy to understand that this is a top and you can switch between them. I don't know if you can kind of make it wider.

Dawid Wozniak:

Not now but it is planned totally.

Blazej:

Especially if I have slightly larger screen, I have more details and so on. Yeah, that looks that nice. I can see that you can filter by the date, author, right? But the top contributor...

Dawid Wozniak:

The top contributor is just the suggestion for the authors. We cannot see the colours because it's a huge repository and we don't have any levels. So, it means that now we can see all the files, but if I go to any specific location then there are colours that correspond to the most active contributor here. It was not that easy for me to do this because I wanted to have these colours also here, but then those colours are very very similar in some cases and it was not readable. So I'm looking for a better opportunity, better way to present who is the author of this commits.

Blazej:

If you have access to Microsoft graph then this tool can get it on it, help the understanding and use the icon right now.

Dawid Wozniak:

Sounds good but if we add it here - if I add fetching icons, then I will also spend more time analysing. It already takes a few minutes, and now we also have to fetch it without this limit when testing for the next version, it might take forever.

Blazej:

Yeah.

Dawid Wozniak:

Now I would like to talk about filtering and sorting so we can filter by words in the commit, so some part of the commit message, we can filter by author, but you need to know by heart what is the name of the author and then we can search by date. So here we can actually move those dates from now. So, what do you think about it? Is it enough? Maybe there should be something more? Some ideas on how to present the comment? How to organise it?

Blazej:

In terms of filtering, you might add some buttons like last week, last month, right? It's easier to pick and then also the same would be with users, right? That's more like for filtering everything, right? I would like to see only client runtime team, I mean if you have teams, those details, that will be nice and get that here, right? It's not usually available this DevOps of our team's repository. It's gonna be more advanced search of this stuff.

Dawid Wozniak:

OK. And what about sorting? So now we have just by date. So it just like the latest on the top, oldest on the bottom.

Blazej:

I see you want something more here and it sounds reasonable. I don't know. I have no opinion on that yet. But I think it should be extended so there is some room for improvement.

Dawid Wozniak:

So now, I will ask some question related to the things that I wanted to implement. So here as you can see now you just have the message and that's it. So, you don't have that much information, but we also have the access to the files that are changed with this commit, we have access to the description. The description what was done and why and we have the access to that. Do you think that would be useful to use it in some context? Do you have any use case that you think would be valuable to use this information you have, like for instance, you have access to the actual PR here, then you click and open that PR. It shows more details. But we can also show more details in this tool.

Blazej:

If you're looking at the list of the PRs and these are just names and nothing else, then if you have something else like look into it or pick type of an experience. Right? A view where you bring a little bit more details than it's good for sure because sometimes it's not not easy to understand what's going on. Then it becomes a tool where you can search a little bit more and can drive deeper, return back and say ohh that's not the one then so changing criteria yeah.

Dawid Wozniak:

OK, that's good. So, I will try to use this information some reasonable way and another idea is that when we have those titles, but not only the titles, also the description, maybe, then we can generate the tag cloud. So, if you say me as an author, you can see that the words that I used the most in the commit messages or maybe commit message and description then it's like „fix” or „permission”. Do you think that something like that will be useful?

Blazej:

It might be useful, but it has to work in the same way as kind of filter. Yeah, different view of the details, I guess, right. This is the first time I see those details but it's a little bit like you have details about what was happening with those commits in the apps section. Yeah. And then below when you scroll down, it seems like you have philtres below. So, the filters are not for details of the commit. The filter is something that sits on top. Yeah. So visually, maybe it should be somewhere else that you have some filtering capabilities. I mean maybe even on this side say „filtering” and then on this side you have the actual results and then the screen is updated when you filter, right? I don't know if it shows me details. What is on screen in terms of the main graph? What?

Dawid Wozniak:

Yeah. So. if you select this folder, then you have just the commits that apply to this particular folder. But let's say that you just have filters here by some author then you see it just filters commit in this tab. So, there is no connection between your filters here and the visualisation that so it's something that also probably would change with the more functionality version.

Blazej:

OK.

Dawid Wozniak:

So, another question is the now when you look at this product, do you have any other ideas for improvements, it may not be related to this commits, there is something that can be changed or make this product more usable for you.

Blazej:

Now, I am understanding a little bit more, but I think there has to be some colour correlation between those details and the PR that you have and then the map, because this map is very nice and so on. It takes a lot of space and it seems like you're not using it afterwards, right? So, for instance, let's say, I'm searching for a word, right? So, I write „copilot” and then you say you show me some details and maybe a cloud map or whatever else. But what I would like to see is to see where the compilers are here. So, like colour code thing. This is where compilers went into, right? It might be quite useful, I think. Then, if I say ohh compile it but changes were only made by Sam. So, then the map is useful because right now if you're not doing that then when you go into details the map should kind of slide away because it's not used. You cannot dive little bit deeper there.

Dawid Wozniak:

Yeah. So, is there anything else that you would like to say that maybe I haven't asked about?

Blazej:

No, no, it's fine. It's OK.

Dawid Wozniak:

So, thank you one more time for your time. I will remind you that there is another round after Easter. So hopefully, you will be able to participate in that one and the final iteration that will be used in the report.