

Dawid Wozniak:

OK, so let's start. I will start with the presentation what I've done, and I will ask you some questions. So, it is our repository. So, the first thing that you can do it. Now you can resize those parts of the visualisation. So, you can make the visualisation smaller, then it will need to regenerate things. But in the second, we should be able to see that now it's smaller. So, you can use this space to make either this wider or that wider. That's both possible.

Blazej:

Sounds good.

Dawid Wozniak:

So you have more that kind of flexibility in the setting of the layout. Another change is connected with the chart depth. So, if I set it to one, I can see only the files that on this current route, one level. The problem is that the size is still meaningful, so it means that this „app” folder is very big, and it takes a lot of the screen. So, even if I go there, you see that there are some files that are directly in this folder, and they are not that big because the size is very small, so I'm still thinking how to solve that, but this functionality was requested by many people to do that. So, when you have full, then you can compare that you have like a lot of bubbles and maybe you are distracted by them. If you are not that much interested in all these subfolders, now you can define it, but there are some room for improvements. Yeah. So that's connected with the visualisation, but there are also improvements for commit part now. There is sorting, so by default you can sort by date from latest to oldest, but you can do it in the descending order. So, then you have it from oldest to latest. That's one possibility. You can also sort by author. So, then you don't need to filter by this author, you can just say okay this person did those parts of commit. Here, there are some other people that you can also select when you have such a visualisation. Now you can also search by the commit message that used to be case sensitive. Now it's not case sensitive, so even if I put something like this uppercase „POST” then I have all commits that contain „post”, regardless of if it's lower or upper case. Here there is least of all people that committed to the repository, not to just this level. So, if I take this person, then I can see OK, there is no commit that includes „post” and this author. If I remove it, then you can see OK there are actually some commies and now maybe sorting by date is more useful because they all belong to this person. You can also do exclude so then you see all comments, but this person's commits. Here you can also specify the time, so it's extra functionality. You can set not only from this date but from this particular time. Yeah. So that's what change in this view. Now when we have one of these commits, I wanted to search for. Yeah, let's say this. Then if you click on it, you have some more details. You have a message. You have description, so what was put in the PR. You have hash, so something that identifies this commit, when it was created, by whom, if you click „show edited files” then we are fetching what kind of changes were done with this commit. It just runs an action there is no loading screen, but I will work on that and then all files that were not touched would be grey out and then only the files that were changed with this coming will have still like full visibility. So, when we wait a minute, it's supposed to be like this. It takes a moment because it's a huge repository, but here you can see that this file was changed, and this file was changed. So that's how we visualise that. And now when I come back to this main view, it's reverting this option. So now the visualisation is going back to, let's say, normal and, in a minute, all bubbles would be visible.

Blazej:

Good, I have a question so there is the delay just because of the size of the repository, right? That's just like you were saying huge number of files and folders.

Dawid Wozniak:

So, yeah, so this it's slow because it's kind of reverting everything what we've done. So, each bubble

needs to be edited to be visible. When all have the right setting, then we make it visible. So, the problem is the size of the repository in terms of the number of files. So, each bubble needs to be changed kind of manually by some program running in the background. So, the problem is really the visualisation. The way how it's constructed. That is why it's slow.

Blazej:

OK

Dawid Wozniak:

Overall, how do you like the UI now?

Blazej:

Ohh, it looks really nice. Definitely, as always, there is always room for improvements, right? For instance, this when you are, kind of like, refreshing view and it takes more than just a second, right? You could show a spinner or something, you know indicating that there is something going on because it shows at least on my end something is going on. It looked like one of the bubble still like blinking and nothing else is happening.

Dawid Wozniak:

This file is blinking because it's selected.

Blazej:

You showed some filters and then I was thinking, for couple of minutes, seconds, and then showed only the changed files. So, during that phase you might show a spinner or something that indicates there is, you know, there is something going on, you have to wait as a user. Just saying this is just a little thing.

Dawid Wozniak:

Yeah, that would be there. It is not just because of the time limitation, I didn't get that implemented, but it would be in the final version. Yeah. So, thank you for your feedback. And now I have one question that was also here during the first iteration. So, we have those commits, let's say, that we have all commits here. We have those messages, access to the details, we have filtering, sorting. Do you think that there would be something more that we can get from it? So, what would be the most useful insights from the commit messages? If you have ideas, would you like to have something more?

Blazej:

I don't know. We discussed that earlier, right? I don't work with those repositories myself that often, so I don't know what could be useful in terms of accessing the commit descriptions, but for sure if you have some form of a filtering and keyword search and stuff so that you can still select but you have that already, right? So, you can search for commits that you know contain something. Like you write „copilot” and then everything related to that. This is just like obvious and it's already there, I think. I'm not sure if anything else might be useful, but I would require some people who are working with that more often than myself to figure out if there would be anything I needed on top of what is already included, right? The filtering is super nice that you have different options, right? As you have demonstrated time and so on. You might think about something like more type of the file, maybe an additional field, but you have that. You can search by extensions, right? Is this also a part of the filtering?

Dawid Wozniak:

Yes. So, when you have the visualisation and you select some file, there are only commits that apply

to this file. That's the background for this. So, if I select this „app” folder, then I have only commits that change something in this folder and then I can go, let's say, this. I select this file and then I have just commits that apply to this but there is no commits with „copilot”. There are some others. Yeah. So that's kind of filtering that you are doing when you select a file on the visualisation, do you think that we need anymore filtering, sorting something that would like to have here?

Blazej:

I don't know. I just look, even looking at the screen, you have file extensions and right now most of the file extensions here it is AL. But if you have multiple then maybe filtering by that as well, that might be useful for some. I'm just saying right? I don't know if I would use that, but maybe some other people would.

Dawid Wozniak:

Yeah, but it's a good suggestion. It's basically to say, what you think. Then when we had this visualisation of the commit changes, do you think that it's somehow useful to see that this file was changed along with some other file or it's not that interesting for you?

Blazej:

Uh, yeah. If the file is changed as a part of the larger PR, you have a way to show other files in the same PR. I like this what you got. I found it useful in the interesting way.

Dawid Wozniak:

Yeah. So probably, there would be at least so for now, if we are on this level, you cannot see other files, let's say, that „app” folder. So here this becomes very small and then you might think that is not included. So, there would be a list and then we can get correlations. So, then we can get this correlation saying that when you change, let's say, this file, you always change some other file or in 90% you change also this file. Would you think that it's interesting to know that those files change always with this file? So, for us it might be like the localization files, so we can have slightly different layout for different countries, right? So, if you change the base file, we will propagate it to all countries that have the special version. So, it's that kind of link that we want to detect. Do you think that it would be useful for you to know that something like that is happening? Relations that are not known to you.

Blazej:

Yeah. I mean, if you have data like that in the tool and you already analysing those relations between files, then, of course, that might be useful for someone not specifically for me as I mentioned but for some users of this GitTruck app, sure might be quite interesting.

Dawid Wozniak:

Yeah, that's good. There is another question that I have about the commits. So, there are commits that are huge. So, they change a lot of files, but there are commits, just let's say, correct something or change the one character in some file. Is it important for you in any case to know how big the commit is or you are just interested that it's fixed?

Blazej:

So currently the size of the commit is not indicated in anyway, right?

Dawid Wozniak:

No, it's not. So, you just see the message and then you can show the files, you can see OK only one file was changed and you can see this commit. Go here and make it on the visualisation. You can see that many files change but it's not indicated, right away in the UI?

Blazej:

But the size of the bubble right now on the screen that you have, what does it indicate?

Dawid Wozniak:

Yeah, that's the size of the file, but it is not the size of the commit.

Blazej:

OK, size of the file, not the commit. Yeah, that might be an interesting view to see like I don't know if you have a switch, for instance, show visualised sizes of commits because then you might see, the changes in each file, right? But I don't know, if you would be just looking at the number of files that has been changed in any given commit or the diff basically, right? The same change size of the diff.

Dawid Wozniak:

That's the next question. So how would you define the size for you, is it a number of files or a number of lines that change or something else?

Blazej:

Yeah. I mean, I think the number of files itself might not be enough. I mean it might be interesting that for some there might be some commits which change a lot of files but like you know there are commits which update some tiny value. I know that we have done that many times especially going through different localizations and we have to update something. But then on the other hand there might be also people who are looking at larger commits in terms of the number of lines that have been touched, right? So, the size of the diff might be also another visualisation. I think it will have to be like optional, right? So, you are there looking at commits, you're looking at number of files, size of the commit, or the other way just as the size of the original file here. if that was a choice to the user, yeah, that would be great.s

Dawid Wozniak:

Yeah. It's possible to have such a functionality that is just optional and you can say, like some kind of, filter or extra information. And the last question, that's precise question that I have. So, during the first iteration, you said that you don't look at this commit history that often, it's not that much important for you. You didn't look at this list that much. And now when you have this product, would it change that you would look maybe more frequently at the list of commits, or it's not bringing that much value that you would use for some like your work stuff that you need to do?

Blazej:

It's a tricky question because the reason I'm not looking at the commits, it's in detail, it is just by the nature of my role, not because I didn't have it at all. And now of course, if I would be able to look, or if I would have to look at commits, this tool will make it easier. So definitely there is a huge value. I can see this. The value in this tool but, you know, introducing this tool doesn't change my role, which is a non-technical PM role. I have a little to do with individual PRs, unfortunately, or fortunately, depending on how you look at it. I think this is a really interesting tool, even though it won't change my role and the number of times I need to look at PRs and the history of PRs.

Dawid Wozniak:

Yeah, that's a good answer. Now if you would like to say something that I haven't asked about or do you have some general comments about this product, it's your time to say something if you would like to.

Blazej:

What do you mean again?

Dawid Wozniak:

So if you would like to say something that I didn't ask about or you have some general comments, maybe. It's the time to say it now. So, then I can include this feedback as well, like free speech, free mic for you now.

Blazej:

Are you looking for some additional feedback for the UI or the functionality?

Dawid Wozniak:

Yeah, yeah, that might be additional feedback for the UI or for the product in general. How you would like to have it. Any comments basically. It's your time to say something about this product. If you would like to say it.

Blazej:

No, I don't have that much. I think, you know, if you would go and try to productise this, there will be probably some additional UI feedback for some visualisation part. You know that you use, for instance, when you had this additional filtering, it could be done by some like panels rather tabs. There was this author field I saw that you had to select one of author from a drop down instead of having like a switch or a button, but that's like tiny little thing, right? Then, I was looking at that Git Track, I mean my advice would be like from the PM perspective to label it. Show the title of this product, right? It's kind of not visible on screen.

Dawid Wozniak:

Yeah, that's true.

Blazej:

So, it might be something that could be helpful, you know? Promoting that, like we have a header somewhere.

Dawid Wozniak:

It's only visible here, so it's here. It's the icon and the name.

Blazej:

Yeah. So, if you have like that when you start, you see more repositories, right? You just starting like in the corner you have this logo, you could have some form of a label that saying, you know, Git Track version 1.0 running or whatever something like that in. And then maybe I could see an icon. So basically, it will give you like more visibility. So, you see that it is Git Truck and it is better visible. Then when you enter the specific repository, you kind of losing this. It's not that visible where we are now. You can click that could link to some welcome screen like this one.

Dawid Wozniak:

Yeah. So, it's like the about, but it's only visible here in the main page. Yes, it's a good suggestion that we also should have probably a logo or some like copyright statement on the main screen. So, thank you for attending this iteration. There would be one more, but it would be special because then we will compare my final version with the first version. How it changed and I will bring probably chocolate or some other gratification for your time so you can have some sweet time for helping me.