

Identified issues:

Insight Display Issue: We have determined that the display issue with Insights is a backend issue, in short we are not receiving the full dataset from the API endpoint that is available, and so it is not something we can fix on our end. Because of this, we are taking the Insights tab out of our scope.

Tooltip Cycling Issue: There is an issue we have found where if you hover a button, a tooltip is meant to be generated to the side of your cursor, but sometimes the tooltip does not have enough space, and wraps back to where you are hovering. When it wraps back, this covers the button, thereby removing your hover, and so it cycles like this very rapidly. This is being added to our scope as another issue to work on.

Tooltip Arrow Issue: There is another issue we found with the tooltips, where when the tooltip is not able to generate where it wanted to for whatever reason, the tooltip will find somewhere else to go, but the arrow that is meant to be on its side will still go where it originally tried to generate. This often looks odd, and in most cases the arrow just obscures some of the text of the tooltip. This is another issue we are adding to our scope.

Repo Tab Issue: We found that in MainSidebar.vue line 198, the code is checking if the innerHTML of the element you clicked is equal to 'Repos', which means you have to click on the span to get the button to work as expected, and if you click on the button but not the span then it will not get caught by this check. This can lead to unexpected behavior.

Our progress:

12/1 Understanding of Repo Tab issue: We found out that when the repo span is clicked, it will sometimes redirect to the current url + "/group/chaoss/overview", resulting in an error because this page usually does not exist. This leads to the 500 error page. We found a [stackoverflow thread](#) that suggests it may be from a router issue, so we are planning to look more into this.

12/6 Update: We have a working fix for the tooltip issue. We initially looked into letting the tooltips escape their immediate parent containers so that they would have more room to display next to each associated element. There seemed to be a "container" property attached to each tooltip element that we assumed specified a bounding element; however, we were unable to get this to work, and the [Shards Vue tooltip documentation](#) didn't help much. Instead, we opted to adjust the position prop of each tooltip to ensure that the tooltip displayed in an unobstructive manner in each insights card. This seems to always fix the 2 issues we saw, so we are going to say this is a workable fix.

12/6 We have a fix for the repo group button not directing the user to the desired group overview. When the user presses the repo group name, often nothing would happen, or there would be many loading screens that sometimes lead to the correct page. This behavior also occurred at the repo table. When a specific repo in a group is loaded, it appears to incorrectly

link to the desired URL, leading to multiple loading screens with errors occurring intermittently. The reason for these errors is that the previous developer used the incorrect method to link to a new page. The developer created a "a" element with an href to "#". The way the vue router deals with this is very messy, and the best case scenario involves many loading screens. We instead switched the element to a router-link element that sends the user to the correct dynamic location. The click event that was used to push the parameters to the Vue router was commented out and a reason was stated in a nearby comment. There could be unseen effects from this change, but we were not able to detect them. The entire site feels much more responsive, only requiring 1 click to move from page to page, as opposed to multiple clicks that might lead you to the home page or an error page.

We also noticed some issues where if you go from insights to repos, sometimes it fails to grab the cached group, and grabs a different one instead. We noticed this just recently since we now have multiple groups to work with in our dataset, so this is something we are going to look into fixing as well.