

Sprint Retrospective 6

Main problems encountered

Problem 1

Description: We had a lot of problems getting the goal tests to work this week. Because of a recent upgrade to the goal environment every test seems to pass as long as there aren't any parsing errors in it.

Reaction: We decided to use the goal runtime of the develop release, in this version tests are working a lot better. The different tests for modules are working and are also passing on travis. But the main module test isn't working on travis, but does work locally. It's a strange error on which we wasted a lot of time but we haven't been able to fix yet. Next week we'll try to fix it, we did already write tests for the main module, including tests for every percept, but we removed them from the code for now, so that we can at least run our module tests properly.

Problem 2

Description: Another problem we encountered was that we were dependent on other groups. We had to wait for other groups to finish their work, this caused some delay in our own group.

Reaction: We decided to implement some (temporary) features in our own branch. With this solution we were able to implement some features for the demo. The multipolygon addition to the building percept is an example of this. While there was still discussion going on between groups about this addition since some groups wanted custom actions, we decided to implement it on our own branch so we could at least continue working. This was a very beneficial decision, eventually we created a pull request to merge it since other groups were interested as well.

Problem 3

Description: The last problem was that Wouter suggested that we start working with a module that has his code as a dependency. This is a good idea but we should have done this in one of the first weeks and not now.

Reaction: Stefan is going to try this weekend to make a module out of all improvements that are made so far. We have to see if this works out, if it doesn't it might not be a good idea to work with a module since it will slow us down if we waste a lot of time on this. In future projects we should probably think about this option earlier.

Adjustments for the next Sprint Plan

Start next week with fixing the main module test.

We have working tests for the modules now, but we really need to fix the test for the main module with the percepts. Testing is an important part of the rubrics and it would be a shame to lose points because we're having travis problems. We should also during the writing of tests make sure that everything is working, by for example committing a failing test. That way we'll see how travis reacts and we'll have an extra confirmation that things are working as expected.

Dont waste too much time waiting on other groups

Discussing with other groups about different implementations can take a lot of time, which at this point in the project, we do not have. Sometimes it is better to just start with an implementation so we can go ahead with our agent, instead of waiting till all groups agree and a pull request is finally merged.