

Individual Milestone 6 Report

Executive Summary

In this milestone, I was assigned to work on the plugin installation. I spent the first week in understanding the concept of Mohhamod's extension point. In the second week, I was working on upgrading the install script for adapting to Mohhamod's extension point and implementing the uninstall script. In the last week of this sprint, Ken told me that I need to think about the dependencies among plugins. However, due to time is not enough and after discussing with Mohhamod, we decided to complete everything within the first week of milestone 7.

Tasks and Activities Assigned

- Understanding the concept of extension point and understanding how extension points work in earth.
 - Sub-task 1: Have a research on what is extension point.
 - * Description: Due to not know the concept of extension point, I read the documentation written by Mohhamod and searched some related information from Internet, so that I can understand what is extension point properly.
 - * planned time taken :15 hours
 - * actual time taken :15 hours
 - Sub-task 2: Learning about how extension points work in Earth
 - * Description: Reading all the code in earth related to extension point so as to understand how the code works
 - * planned time taken :15 hours
 - * actual time taken :10 hours
 - Upgrading install script ,creating and implementing uninstall script
 - * Sub-task 1: Upgrading install script
 - Description: modifying code in the method called `install_from_file()` in `plugin_manager` and modifying code in the script of `install_plugin` to make the installation adept to extension points.
 - planned: 10 hours
 - actual: 5 hours
 - * Sub-task 2: implementing uninstall script
 - Description: creating `uninstall_plugin.rb` in script and a method called `uninstall plugin` in `plugin_manager`
 - planned: 5 hours
 - actual: 5 hours
 - communicate with group members
 - * Sub-task 1: communicate with group members to see if I did my job properly.

- Description: I attached my code in email and sent to my group members. I asked for suggestions from Ken and Mohhamod. Finally we agreed on that the install script got no problem, but we need to polish the uninstall script. The dependences need to be considered. And discussed about how to implement it.
- Estimated time taken (planned): 20hour
- Estimated time taken (actual): 20 hour

Resource Contributions

For this milestone, I have estimated that I had spend about 70 hours (including meeting hours over the spread of 3 weeks).

Rooms for Improvement

- In this milestone, everything went on very well. The communication had been improved quite a lot compared with last milestone.