

Subgroup 3 Milestone 3 Plans

1 Tasks Assigned

Beginning of Milestone 3, we were assigned the following tasks:

1. Ticket 27 - MIME-type
2. Studying of the Earth Plugin System

2 Resources

We currently have five members that consists of 2 BE(SE) and 3 MSE students. Please refer to the m3_schedules.pdf file for resources availability details.

3 Tasks Allocations

We have broken down the tasks into smaller subtasks that will be carried out in pairs or smaller groups.

1. Ticket 27 will be completed by 30th May (Friday) by Sahil
2. Study file_monitor and plugin_manager (ETA: 5 hours)
 - (a) Pair 1 (Sahil & Hemant)
 - i. Study the plugin flags used in earthd
 - ii. Try to see whether earthd breaks with tempered file_monitor
 - iii. Deliverables: Documentation of findings
 - (b) Pair 2 (Jon, Ken & Hill)
 - i. Study the plugin_manager from another POV
 - ii. Try to see how hooks can be made for the system in general
 - iii. Deliverables: Documentation of findings
3. Create hooks
 - (a) How to install & uninstall plugins (ZBB)
 - (b) Hooks will be proposed from both Pair 1 and 2
 - (c) Deliverables: Proposals of hook locations by both pairs.
4. Plugins for view (Browser) exploration (ETA: 3.5 hours)
 - (a) This task is assigned to Pair 2, and will either do
 - i. Extension of the plugin_manager (ETA: 1 hour); or
 - ii. Create a new plugin_manager (ETA: 2.5 hours)

- (b) Deliverables: Sketch of the specifications of the new or enhanced plugin_manager.
- 5. Plugin_manager throwaway prototype & dummy plugins (ETA: 4 hours)
 - (a) Deliverables: Documentation and demo
- 6. Create test cases (ZBB)
 - (a) Load faulty or rogue plugins to see whether the Earth still stands.
- 7. Documentation (Throughout all tasks)

4 Timeline

Please refer to m3_schedules.pdf for timeline details.

Remark

ZBB (Zero Budget Baseline): Tasks that had been label ZBB means the group had decided there is not enough budget resources to complete the tasks. It can be completed when there is more budget given.