

# Project C.A.S.P. - Weekly Update 8

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## 1 Development Progress

This past week, the group made a lot of progress regrading core development and expectations for submodules. Ryan was able to successfully create a link between the control module and all submodules, as well as create data structures for promoting modular development of submodules. He did this by creating an abstract base class for plugins with a single pure virtual method, *Execute()*, that acts as the bridge between the control module and the submodules. The individual submodules then override this method, using it as their entry point, analogous to *main()* of a program. Ryan also began work on the Outline module, albeit minimal.

Additionally to continued development on the Analyze Module, Dylan worked with Ryan to produce sample cases for the Outline and Analyze modules. These sample cases were constructed with checkpoints in mind so that the team can use them as a metric for progress as well as an overall goal for each of the modules.

Communication with Chris has been unsuccessful, and the team is unsure of his progress.

## 2 Weekly Tasks

Ryan will hopefully reach completion of the Outline module. Based on the team's current progress, he will be able to use the sample case for the module to guide and focus his efforts. If completion is achieved, he will begin working on the Standalone Application.

In the coming week, Dylan continue development on the Analyze module. He plans on nearing completion on the module, and will proceed to work on the Lint module if completion is achieved (though unlikely). Like Ryan, he will be able to utilize the team's progress in the sample case of the Analyze module to guide his completion of the module.

The team is planning that Chris will continue work on the Translate module, and also hopefully near completion.