Controller.IO

PluginController << final >>

- service: Plugin Controller;
- heuristicLoader: ServiceLoader <Heuristic > << final >>;
- heuristicResultLoader: ServiceLoader <HeuristicResult > << final >>;
- heuristicPropertiesLoader: ServiceLoader <HeuristicProperties > << final >>;
- heuristics: ArrayList < Heuristic > <<final>>;
- heuristicsResults: Array List < HeuristicResult > <<final>>;
- heuristicsProperties: Array List < HeuristicProperties > <<final>>;

- Plugin Controller() << create >>;
+ getInstance(): PluginController << synchronized >>;
+ getHeuristics(): ArrayList < Heuristic > << synchronized >>;
+ getHeuristicResults(): ArrayList < HeuristicResult > << synchronized >>;
+ getHeuristicProperties(): ArrayList < HeuristicProperties > << synchronized >>;
+ reloadPlugins() << synchronized >>;

IOController << final >>

- controller: IOController

- IOController() << create >>;
+ getInstance(): IOControler << synchronized >;
+ writeFile(file: File) << synchronized >> << IOException >>;
+ readFile(file: File) << synchronized >> << IOException >>;

Exceptionhandler

+ IOExceptionHandling();
+ graphTypeExceptionHandling();