**Eclipse Plugin Class Diagram**

Eclipse Plugin – Run and UI components

WordRule

Indetinify words for the scanner

RuleBasedScanner

SourceViewerConfiguration

use

FunctionRule

Indetinify functions for the scanner

Scanner

Scans the editor ad add the highlighting by defined rules

Configuration

Configures the editor's behavior

use

use

use

use

IavaKeywords

Defines the keywords in Iava and the standard library functions

Keyword

Abstraction for keywords

CompletionProcessor

The code completion

use

IavaEditor

Iava's default editor

use

StopAction

The action of terminating the user's application run

IContentAssistProcessor

TextEditor

Basic text editor supplied by eclipse

uses

**Blue**: Run component

**White**: UI component

ClassRunner

Runs a class file. Extends from Thread. Uses ConsoleWriter.

AbsractAction

Abstract class for action classes

ShowRunAction

Shows the run console in the console viewer

ShowBuildAction

Shows the build console in the console viewer

StopRun

The action of running the iava file

uses