Eclipse Plugin Class Diagram

Eclipse Plugin – Build and IavaProject components

Green: build component

White: IavaProject component

DeltaVisitor

Listens to changes of the resources

IncrementalProjectBuilder

IResourceVisitor

IResourceDeltaVisitor

ProjectBuilder

Builds the IAVA projects   uses

uses

ResourceVisitor

Listens to cases when the resource is accessed

uses

InputHandler

A class of the analyzer team

uses

ErrorMarker

Marks the compilation errors, warnings etc.

IErrorHandler

An interface of the analyzer team

IProjectNature

ProjectNature

Defines the IAVA project's behavior

Activator

The plugin's activator

ConsoleWriter

Writes and reads from the console to the inferior process

WizardFileCreation

Defines what happens when the user creates a new IAVA file

uses

FileNewWizard

The action of creating a new Iava file

Wizard

Messages

Class that loads external strings (to allow future internationalization)

uses

uses

IWizard

ProjectNewWizard

The action of creating a new Iava project

uses

ProjectSupport

Defines what happens when the user creates a new IAVA project