**Eclipse Plugin Class Diagram**

Eclipse Plugin – Build and IavaProject components

**Green:** build component

**White**: IavaProject component

IResourceVisitor

DeltaVisitor

Listens to changes of the resources

IncrementalProjectBuilder

uses

IResourceDeltaVisitor

ProjectBuilder

Builds the IAVA projects

ResourceVisitor

Listens to cases when the resource is accessed

uses

uses

uses

IErrorHandler

An interface of the analyzer team

ErrorMarker

Marks the compilation errors, warnings etc.

InputHandler

A class of the analyzer team

IProjectNature

ProjectNature

Defines the IAVA project's behavior

Activator

The plugin's activator

WizardFileCreation

Defines what happens when the user creates a new IAVA file

Wizard

uses

IWizard

uses

uses

ProjectSupport

Defines what happens when the user creates a new IAVA project

FileNewWizard

The action of creating a new Iava file

ConsoleWriter

Writes and reads from the console to the inferior process

ProjectNewWizard

The action of creating a new Iava project

uses

Messages

Class that loads external strings (to allow future internationalization)