**Dependency Metrics**

Before to analysis of the data collected of the dependency metric results, it is importante to understand the following keywords:

**Cyclic:** This metric is used to measure the number of dependency graphs that packages as nodes reach the same abstraction by following one or more paths forming a cycle.

**Dcy**: This metric is used to measure the number of abstract classes the current abstraction depends on.

**Dcy\*:** This metric is used to measure the number of indirect dependency between class abstractions.

**Dpt:** this metric is used to measure the number of abstract classes that depends on the current class.

**Dpt\*:** This metric is used to measure the number of abstract classes that depends indirectly on the current class.

**PDcy:** This metric is used to measure the number of packages that the current abstraction depends on.

**PDpt:** This metric is used to measure the number of packages that the current abstraction is used.

**Troubleshooting possible cases**

Most of the packages has a high Cyclic and Dcy\* values (in this case, mosto f the classes has 784 value on Cyclic metric and 1337 value on Dcy\* metric), meaning that most of the classes on this packages depends on each other and one change on one class, has the potencial to affect the other dependable classes, causing cascade of changes.

Some classes has high values on Dpt which means that this classes are used alot in many implementations of other classes.