**Phase 1 – GanttProject**

**Code Smell – Switch Statement**

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biz.ganttproject.impex.csv.GanttCSVExport

This code snippet is a Switch Statement code smell because it is a very long switch statement that can be handled better using polymorphism.

**Refactoring:** creating an abstract class WriteColumn with subclasses (WriteNameColumn, WriteEmailColumn, etc..) that implement their own *print* method, and creating a **factory** that generates those instances depending on the type provided. This way, the client only needs to call the *print* method once. Here’s the stub of a refactoring:

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