Report Generator

Requirements

The report will have a predefined structure like a template and will be a physical file on the disk.

Each report uses aliases to map values or list of values and uses a mapper that maps reports to those fields, lists and aliases.

A database must exist in some form (xml, json, database) that relates reports to a set of aliases that exist within these documents. The declaration of the aliases has the following form, {ParentNode}.{ChildNode}. The Parent node corresponds to the parent node in the target xml and the child node as well. Aliases will be replaced by their corresponding text.

Xml files are used as databases for these reports. They exist on the local hard drive and are generated by the application

Report -> alias -> xml file -> **field** -> format{}

Report -> alias -> xml file -> **list** -> format{}

({{ParentNode.ChildNode.table.format()}}, {{ParentNode.ChildNode.field.format()}})

ReportMaper {reportName, xmlFileLocation , reportTemplateLocation}