

Oblig 2

Creating a Domain Specific Language using the Eclipse Modelling Framework

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1 Introduction

This article is part of the second assignment for the course Modelbased System Development. The article discusses how the three parts of the assignment have been solved. The basic task was to build a model for customer journeys, make it possible to extract statistics out of customer journeys and finally the option to choose between three additional tasks. It was possible to choose between a user-friendly editor, a graphical exporter or adding support for multiple journeys. For this article the graphical export option was chosen.

Section 2 describes how the model was built and discusses the different components. The second section 3 depicts which statistics were generated and finally Section 4 shows a solution for a graphical exporter which generates useful graphs.

- 2 Creating a DSL metamodel with EMF**
- 3 Making a transformation to extract statistics**
- 4 Graphical Export**