Template Creation Tutorial

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Introduction

- What is a Template?

Creating Your First Template

- Getting a value from a MagicDraw element to a template
- Importing a template to MagicDraw using Report Wizard

Velocity templating language

- Velocity variable
- Velocity Directives
  - #if, #elseif, and #else statement
  - #set statement
  - #foreach statement
  - #macro statement
- Comment and unparsing code

Report Wizard Directives

- #forrow directive
  - To use the #forrow directive
- #forcol directive
- #forpage directive
  - To create a new slide for a presentation

Linking report templates to MagicDraw

- How MagicDraw adds its elements to velocity context
  - Creating a report including the Actor, Use Cases, and diagram image names
- Supported file types
  - Creating a template for an HTML, a text, an XML, or a DocBook document
  - Creating a template for an OpenDocument spreadsheet or Microsoft Excel spreadsheet
  - Creating a template for an OpenDocument Presentation (ODP) or Microsoft PowerPoint presentation (PPTX)
  - Creating a template for a Rich Text Format or OpenDocument Text document, or Microsoft Word Document (DOCX)

Exercise: Building a simple class diagram report