Scripting in Bizzdesign Enterprise Studio eLearning

Course duration: Self-paced
Course level: Foundation
User competency: ~~Beginner~~ / Competent / Proficient / Expert
User profession: every type of architect or business analyst
Requirements:

- Access to Bizzdesign Enterprise Studio (on-premise or cloud)
- Course materials (included)

General training course description

This course introduces the use of the scripting language in Bizzdesign Enterprise Studio for advanced analysis and manipulation of your models. This will give you a powerful tool to get more value from your models.

The course includes several exercises to practice writing your script. Optionally, you will also be able to work on your examples.

Learning objectives

At the end of this training course, you will be able to:

- Understand typical applications of the Bizzdesign scripting language.
- Understand the structure and critical ingredients of the scripting language.
- Create basic scripts to analyze your models and present the results differently.
- Perform simple automated model manipulations and automatically create views with a script.
- Create script-based metrics and charts in Enterprise Studio.

Training course outline

- Introduction and basics
    - Purpose and typical applications of the scripting language
    - The query editor
    - The metamodel browser
    - Debugging
    - Scripting reference
    - Output types
- Ingredients of the scripting language
    - Data: variables, data types, expressions, tagged values
    - Expressions
    - Methods
    - Functions
- Advanced model queries
    - Advanced color and label views
- Navigating models
    - Navigation with relationships

- Navigation with attributes
- Creating and manipulating model objects
  - Creating elements
  - Creating relationship
- Creating and manipulating views
  - Model objects and reference objects
  - Adding elements and relationships to a view
  - Manipulating layout and graphic properties
- Script-based metrics
- Script-based charts