

Structural Analysis & Design Software







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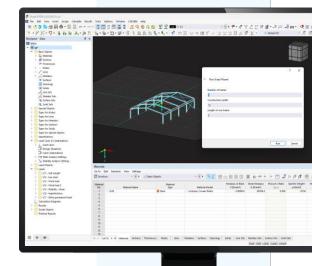


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Automated
Workflow with
JavaScript in
RFEM 6





# QuestionsDuring thePresentation

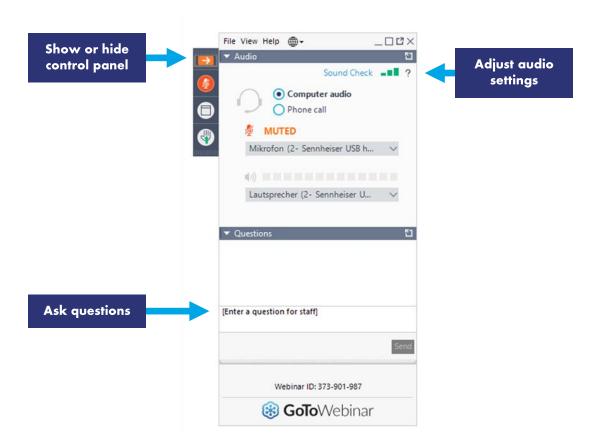


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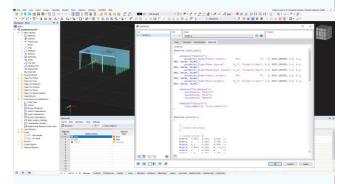


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## CONTENT



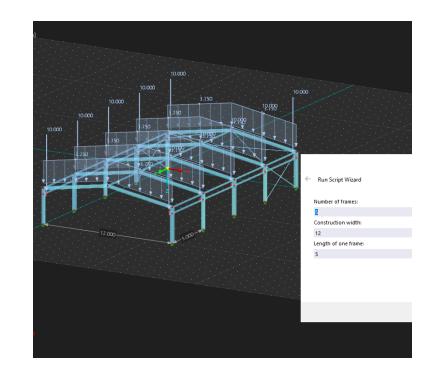
- 01 In-App Scripting
- **02** Dlubal Center and Blocks
- 03 What is new in JS Library?
- 04 Examples





# In-App Scripting

- RFEM 6 / RSTAB 9 / RSECTION 1 offers in-app scripting
  - To parametrize a Model
  - Automate Tasks
  - Get Information
- Access All Objects
  - Geometry
  - Load, Loading, Load Wizards
  - Design Add-On Data

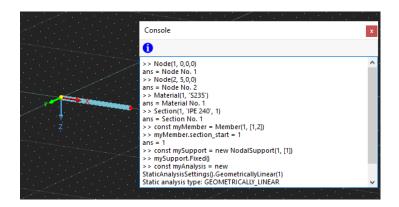


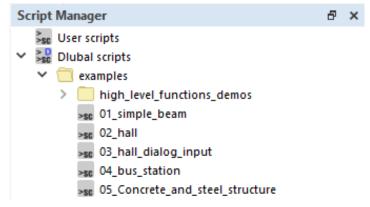


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## JavaScript Language

- Based on JavaScript 5
- Scripts can be written in any code editor
- Scripts can be stored in local folder and accessible via Script Manager
- Direct interaction with the model via Console







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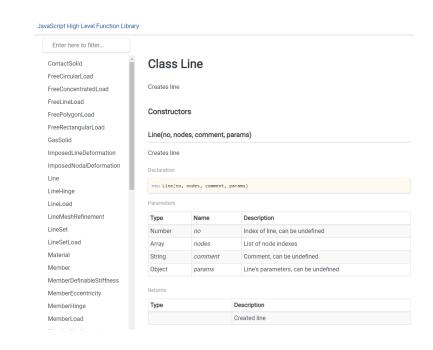
# Repository / Examples

Source Code stored in GitHub

Documentation in GitHub Pages

Default Examples in Installation

Embedded Intelligent Blocks





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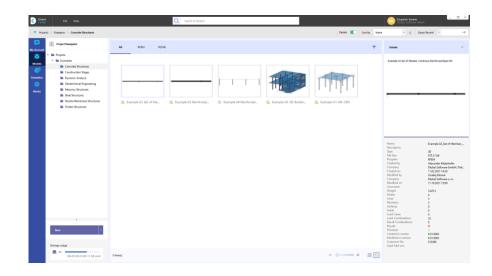
## Dlubal Center

Organize Projects

Store Models, Blocks and Templates

Access Extranet





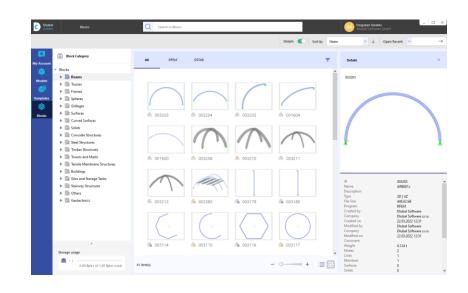


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# Intelligent Blocks

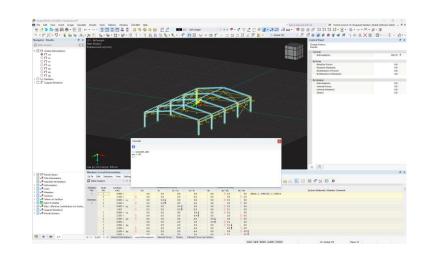
- RFEM 6 / RSTAB 9 offers possibility to create Blocks
- Possibility to save models for future reuse
- Types of Blocks
  - Non-parametrized
  - Parametrized
  - Dynamics
- Blocks can be managed through Dlubal Center





# Extended Functionality

- Call Calculate All function
- Call Calculate Specific function
- Erase an object
- Count Objects
- Get existing objects







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Dlubal Software provides an online tool with snow, wind and seismic zone maps.





# **Cross-Section Properties**

With this free online tool, you can select standardized sections from an extensive section library, define parametrized cross-sections and calculate its cross-section properties.





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Access frequently asked questions commonly submitted to our customer support team and view helpful tips and tricks articles to improve your work.





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Download numerous example files here that will help you to get started and become familiar with the Dlubal programs.







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