

Structural Analysis & Design Software







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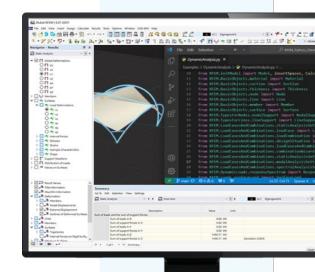


Dipl.-Ing. Rebecca Göbel Co-Organisator

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Webinar

Advanced Structural Analysis with RFEM 6 Python API





QuestionsDuring thePresentation

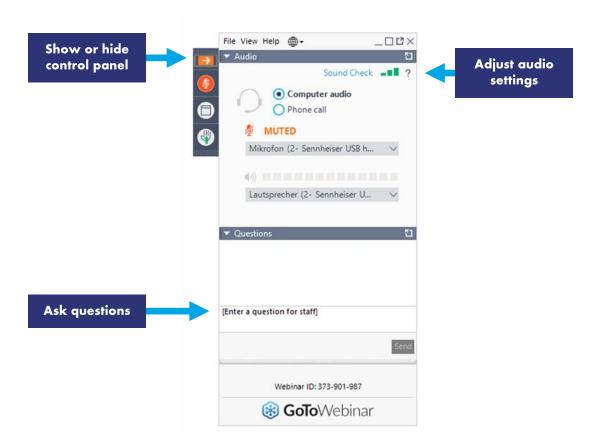


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CONTENT



02 Latest Implementation to Python Library

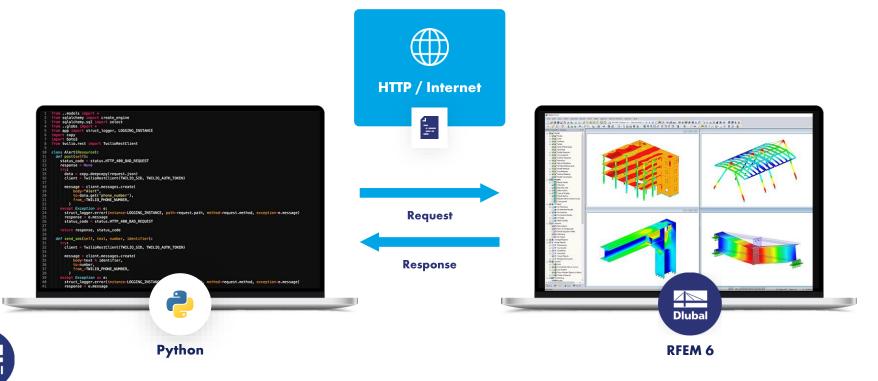
03 Library and Community

04 Examples





What is API? What are Webservices?



Recent Development

Calculate in Cloud

```
Examples > CalculateInCloudExample > 🔁 CalculateInCloudExample.py > ...
                                                                                                                                        c:\Users\KaratasD\Desktop\pyDev\RFEM Python Client\Exam
                                                                                                                         ples\CalculateInCloudExample
      Model.clientModel.service.finish_modification()
                                                                                                                         Connecting to server...
                                                                                                                         Cloud calculation was started.
                                                                                                                         Task-ID: 4734
      saveFile(dirName + "\Cloudtest.rf6")
                                                                                                                         Status: Uploaded and queued
                                                                                                                        PS C:\Users\KaratasD\Desktop\pyDev\RFEM Python Client>
      server_name = "Dlu_1"
      run_plausibility_check = False
      calculate_despite_warnings_and_errors = False
      email notification = True
      result = CalculateInCloud(server name, run plausibility check, calculate despite warnings and errors
 59 if result:
          task id = result[0]
          status = result[1]
          print(f"Task-ID: {task id}")
          print(f"Status: {status}")
```

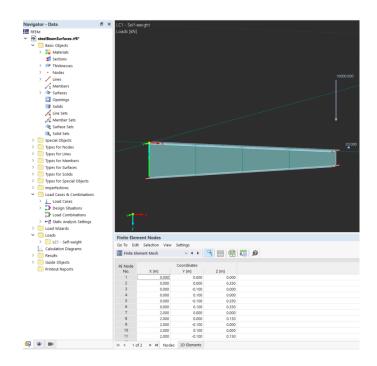


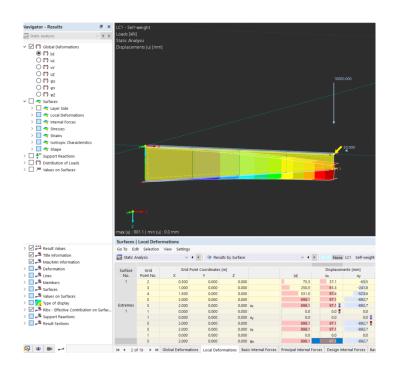
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Recent Development

Mesh Tables



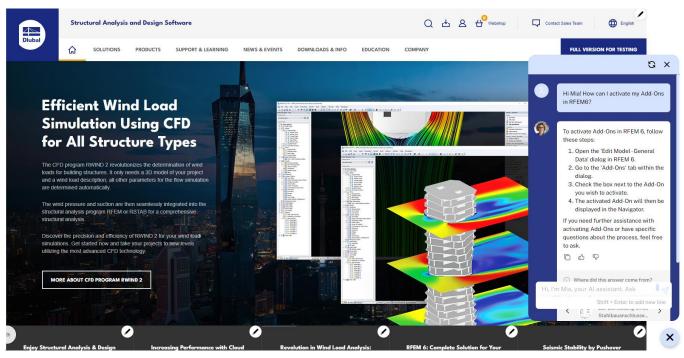




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Recent Development

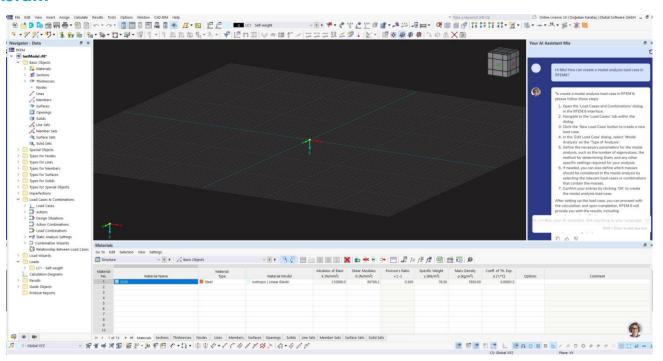
MIA Assistant





Recent Development

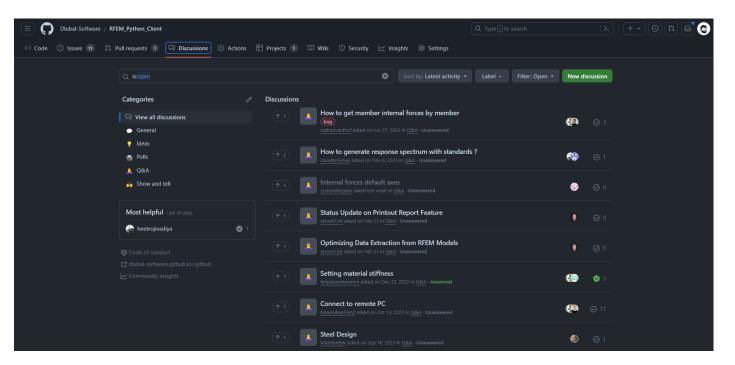
MIA Assistant





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Library and Community



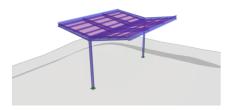




Library and Community







RFEM 6 / RSTAB 9 | Webservices & API

Do Cool Stuff in Structural Analysis



High Level Library

Program easy and smart by using the power of RFEM 6 / RSTAB 9 beyond their graphical interfaces.

Open Source

Contribute to the public development to see the source code and learn from others.

Optimize & Parametrize

Create your own apps for fast and smooth workflows.





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Dipl.-Ing. (FH) Dipl.-Wirtschaftsing. (FH) Christian Stautner

Head of Sales



Bastian Ackermann, M.Sc.



Daniel Dlubal, M.Sc.COO of Dlubal Software GmbH







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Geo-Zone Tool

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





Dlubal

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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