
RFEM-Plugin for SIMULTAN

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This user guide should help navigate the RFEM-Plugin which enables structural analysis with the SIMULTAN datamodel based on the finite element software RFEM 6 by Dlubal.

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INTRODUCTION

1.1 What is the RFEM-Plugin?

This is a *reference*.

1.2 Functionality covered by the RFEM-Plugin

1.3 Project

1.4 Authors

1.5 Getting help

GETTING STARTED WITH THE RFEM PLUGIN

2.1 Installation

SETTING UP A PROBLEM

3.1 Structural analysis component

Rough overview with some figures

3.2 User Interface

RUNNING A SIMULATION

4.1 Exporting the SIMULTAN-model to RFEM

4.2 Importing into RFEM

4.3 Running a simulation in RFEM

RESULTS OF THE SIMULATION

5.1 Visual results

5.2 Additional information

CONNECTING AN EXISTING MODEL TO THE RFEM PLUGIN

6.1 How and what to add to the data model

6.2 Creating a linked geometry

6.3 Creating the needed components

Although it is possible to recreate the needed data structure for the structural analysis component in the SIMULTAN-Editor manually, it is strongly recommended to use the User-Interface of the plugin and apply changes when they would be necessary.

**SIMULTAN DATASTRUCTURE TO INCORPORATE THE RFEM DATA
MODEL**

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