TUTORIAL VIDEO 01

01 Getting started: a tour of BeidPrep

A first look round BeidPrep: the window, opening a model, turning and zooming, the display buttons, the difference between Save and Export, opening an OpenRadioss deck, and where to find the manual.

Tutorial files	folder `01_Getting_started` — open `sshape.beid` first
Video	Watch video 01 on YouTube
Download files	Download the tutorial files (97 MB)

1 Opening, The window

video 0:00

This video takes you once around BeidPrep.

You will open a model, look round it, and see where your work is saved.

BeidPrep opens with an empty model.

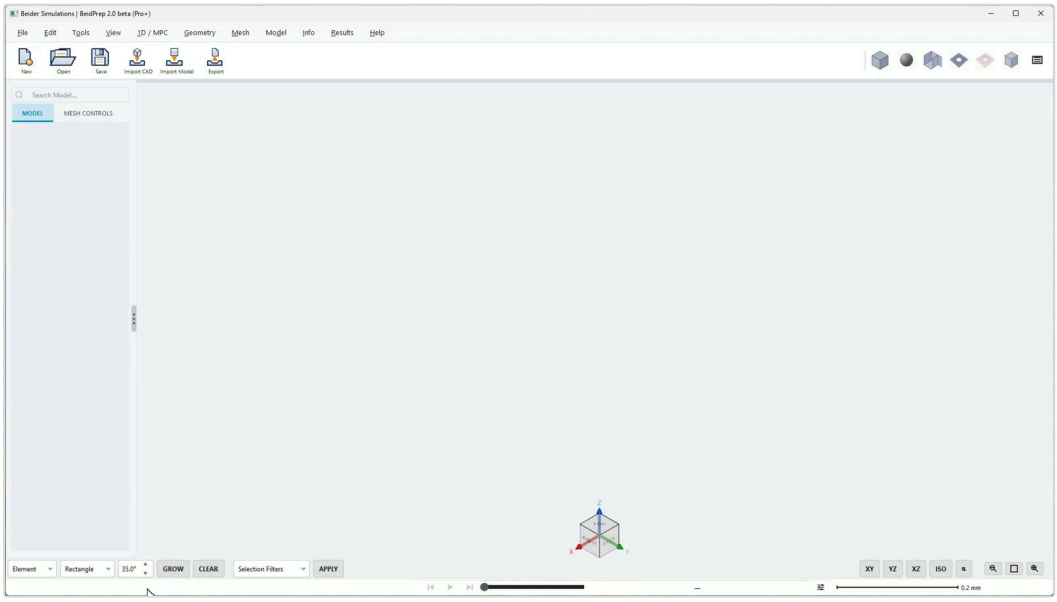
Along the top are the menus and the ribbon tabs.

A click on a tab, such as File, opens its tools in the ribbon below.

A second click closes it.

The model tree is on the left, and the 3D view fills the middle.

At the bottom, the status line says what the program just did.



The screen at 0:27 in the video.

2 Open a model

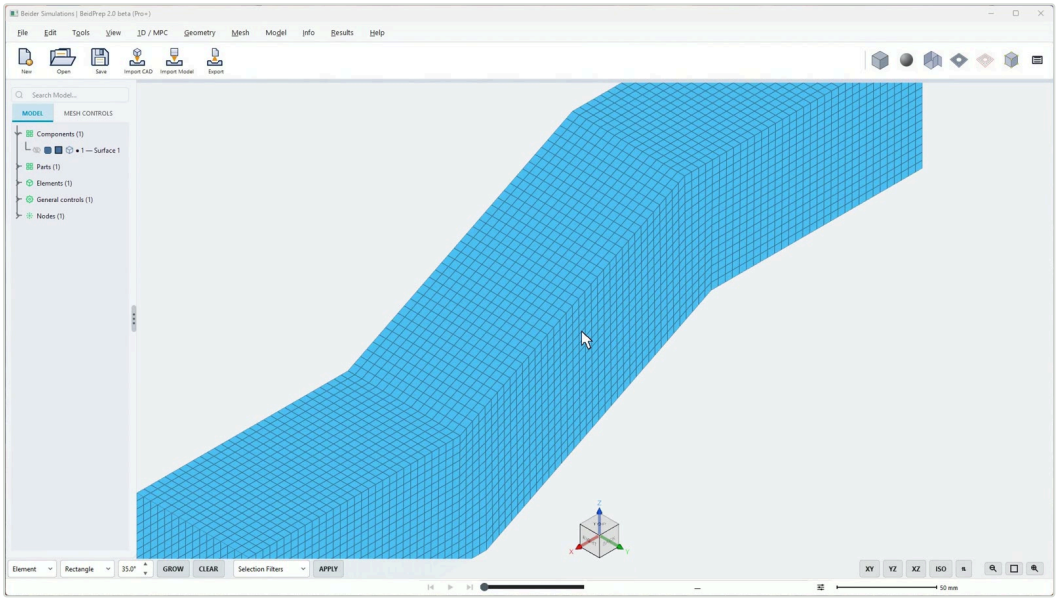
video 0:27

1. Press Control O, and choose sshape dot beid.

   The CAD, the mesh and the cards come back.

2. Hide the CAD with the eye on its row in the tree, to see the mesh.

   In the video: **sshape.beid** in open dialog: File name box.



The screen at 0:37 in the video.

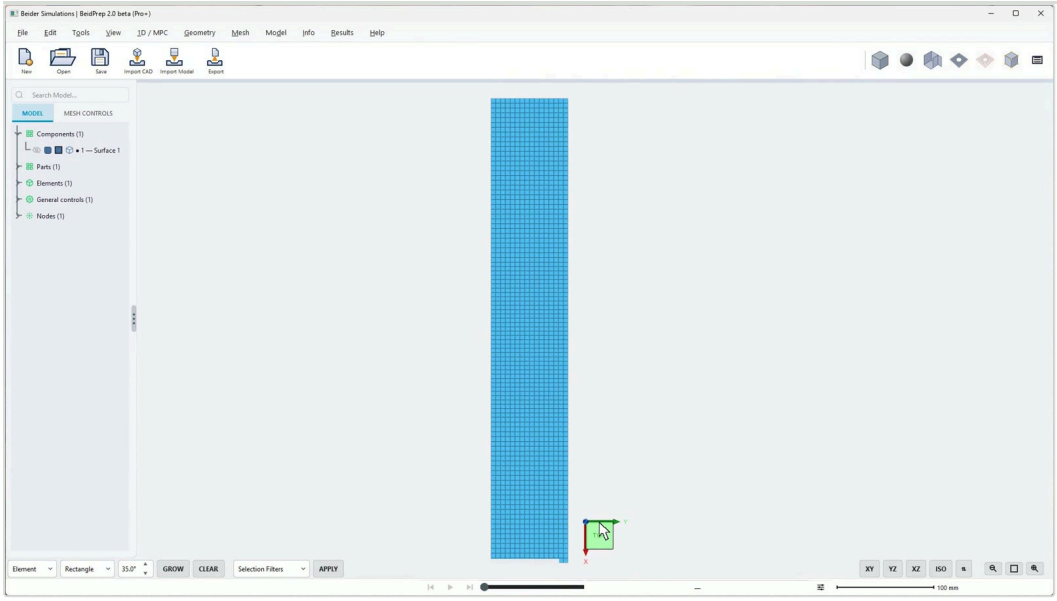
3 Turn, move, zoom

video 0:38

1. Now look round the part.
2. Hold Shift and drag with the left button to turn the view.
3. Drag with the middle button, to move the view sideways.

   Roll the wheel forward to zoom.

4. Click a face of the view cube, to look along that axis.



The screen at 0:52 in the video.

4 Display buttons, Save is not Export

video 0:52

The display buttons, right of the ribbon, set how the model is drawn.

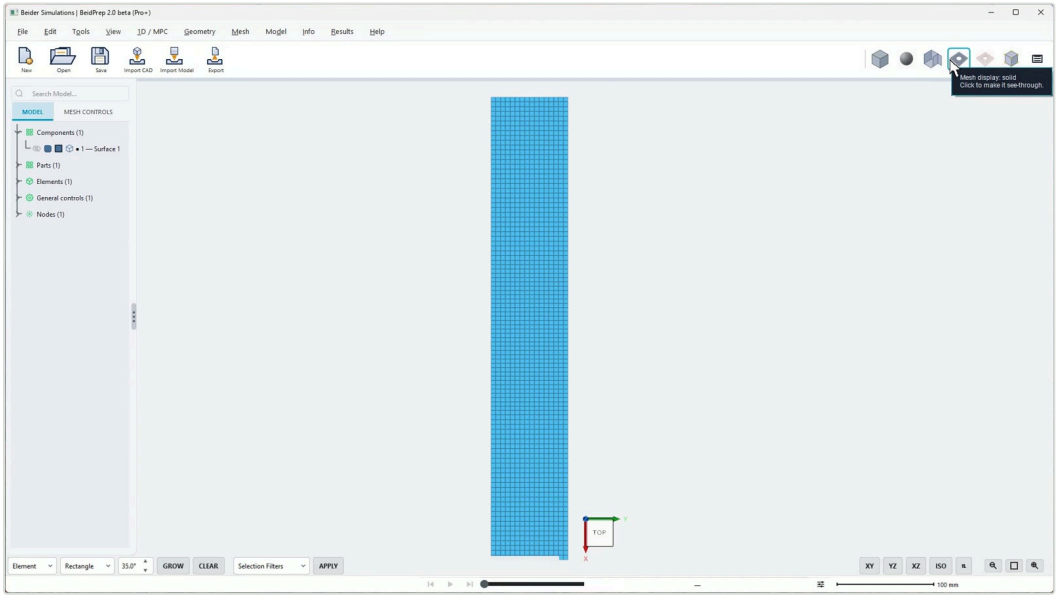
Each click moves to the next setting, and the tooltip says what the next click does.

Save is not Export.

Export writes the deck that OpenRadioss runs.

Save writes a BeidPrep model, a dot beid file, with the CAD, the mesh, its meshing settings and the cards.

This model came from a dot beid file, so Control S saves straight to it.



The screen at 0:56 in the video.

5 Open a deck

video 1:18

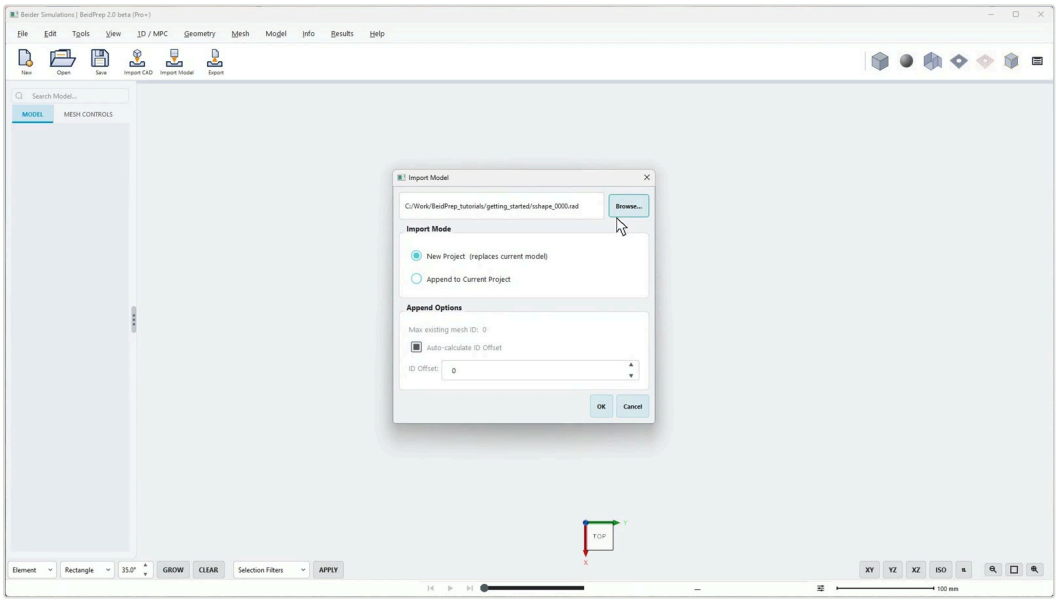
1. Now open the deck, as you would open any OpenRadioss model.
2. Click New on the File tab, and press Control I.
3. Click Browse, and choose the Starter file.
4. Leave New Project chosen, and click OK.

   If an Engine file sits in the same folder, it is opened with it.

   Append to Current Project would add the deck, to the model already open.

   Its numbers are raised by an offset, so they do not clash.

   In the video: **sshape_0000.rad** in file dialog: File name box.



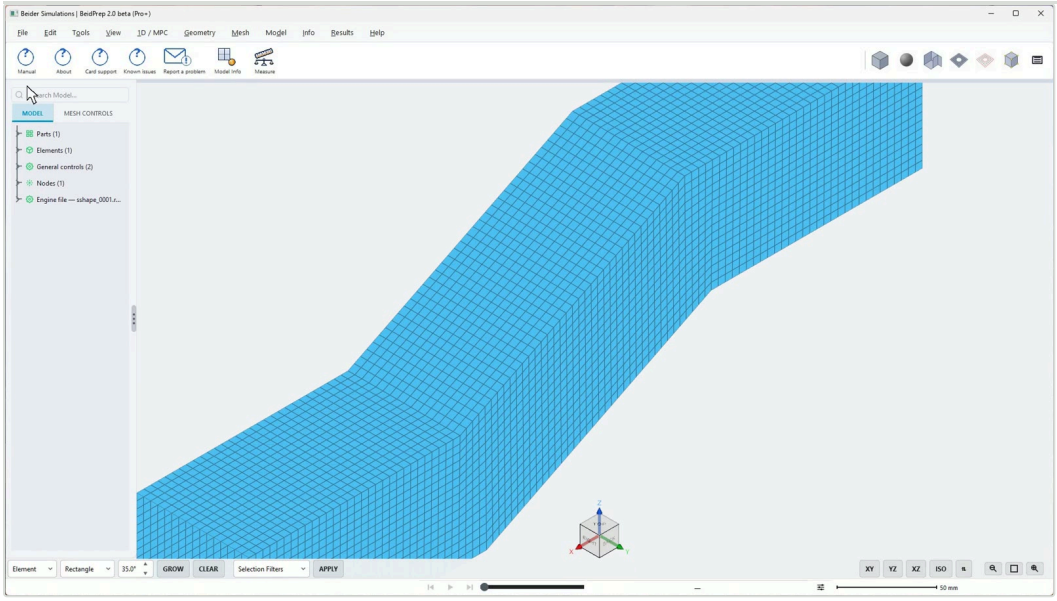
The screen at 1:30 in the video.

6 The manual, Close

video 1:45

1. Open the manual at any time with Help > Manual, the F1 key, or the Manual button on the ribbon.

   The next videos take each part in turn: the model tree, the card editor, and the way from CAD to a shell mesh.



The screen at 1:52 in the video.

Steps and pictures are taken from tutorial video 01. Every picture is a frame of the video.