

Basic tutorial for FURTHRmind



Create Sample



Samples can be created in one experiment and be reused in others.



Create Sample



The screenshot displays the FURTHRmind software interface. At the top, the browser address bar shows 'Projects / Topics Tutorial'. The main interface is divided into three panels: 'Groups / Samples', 'Experiments', and 'Diagrams'. The 'Groups / Samples' panel on the left contains a search bar with 'HF's_LBL_p_10_10L', a list of groups including 'Tutorial', 'All experiment', 'Exp without sample', and 'Tutorial 2', and a form with fields for Name, Layer Number, Time, Concentration, and an 'Add new field' dropdown. The 'Experiments' panel in the center shows a list with one entry 'Exp1' and a blue arrow pointing to its menu icon. The 'Diagrams' panel on the right includes a 'Comment' text area and a 'Raw data' section with two empty columns. A blue arrow icon is visible in the top right corner of the software window.

Click on the menu bar in the upper right corner.



Create Sample



FURTHRmind

Projects / Topics Tutorial

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Dashboard Comparison Convergege Inspector

Groups / Samples

Search:

Groups Samples

HF_s_LBL_p_10_10L

- ▼ Tutorial
 - All experiment
 - Exp without sample
 - ▼ Tutorial 2

Name: Tutorial

Layer Number: 2.0

Time: 10.0 s (second)

Concentration: 0.5

Add new field:

Experiments

Exp1

- Delete selected exp
- Remove exp from group
- (Un)Mark exp as neglected
- Create sample from this Exp**
- Add used sample
- Link/Copy selected exp
- Add File
- Add diagram/image
- Add / Modify raw data
- Load raw data

Add new field:

Diagrams

Comment:

Raw data

Select "Create sample from this Exp"



Create Sample



The screenshot shows the FURTHRmind software interface. The main window is titled 'Projects / Topics Tutorial'. The interface is divided into several panels: 'Groups / Samples' on the left, 'Experiments' in the center, 'Diagrams' on the right, and 'Raw data' at the bottom right. The 'Add entry - FURTHRmind' dialog box is open, showing the following fields and options:

- Name:** Sample1
- Options:** Blank, Import fields from ..., Import fields + data from ...
- Show samples from:** Current group, Other group
- Buttons:** Cancel, Ok

The 'Groups / Samples' panel shows a search bar with 'HF8_LBL_p_10_10L' and a list of groups: Tutorial (selected), All experiment, Exp without sample, and Tutorial 2. Below the list are fields for Name (Tutorial), Layer Number (2.0), Time (10.0 s (second)), Concentration (6.5), and Add new field.

Enter the sample name
and click "Ok"



Create Sample



Sample is created

The screenshot displays the FURTHRmind software interface. At the top, the browser address bar shows 'Projects / Topics Tutorial' and the user email 'daniel.menne@furthr-research.com'. The main interface is divided into three panels:

- Groups / Samples:** Contains a search bar with 'HF's_LBL_p_10_10L', radio buttons for 'Groups' (selected) and 'Samples', and a tree view showing 'Tutorial' expanded to 'Sample1'. Below this are input fields for 'Name' (Tutorial), 'Layer Number' (2.0), 'Time' (10.0 s), and 'Concentration' (0.5).
- Experiments:** Shows a list with 'Exp1' and a sub-section 'Created samples:' containing 'Sample1'. An 'Add new field:' dropdown is at the bottom.
- Diagrams:** Features a large empty area with navigation arrows and a 'Comment:' text box. Below it is a 'Raw data' section with two empty columns.

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The screenshot displays the FURTHRmind software interface. At the top, the browser address bar shows 'Projects / Topics Tutorial'. The main interface is divided into three panels: 'Groups / Samples', 'Experiments', and 'Diagrams'. The 'Groups / Samples' panel on the left contains a search bar with 'HF's_LBL_p_10_10L' and a tree view showing 'Tutorial' expanded to reveal 'All experiment', 'Exp without sample', and 'Sample1'. Below this are input fields for 'Name' (Tutorial), 'Layer Number' (2.0), 'Time' (10.0 s), and 'Concentration' (0.5). The 'Experiments' panel in the center shows a list of 'Created samples' with 'Sample1' selected. A blue arrow points to the menu icon next to 'Sample1'. The 'Diagrams' panel on the right has a 'Comment' text area and a 'Raw data' section. The top right corner of the interface shows the user email 'daniel.menne@furthr-research.com' and a blue arrow icon.

To see sample details, click on the interested sample and then click on the menu bar on the right



Create Sample



FURTHRmind

Projects / Topics Tutorial

daniel.menne@furthr-research.com

Dashboard Comparison Convergece Inspector

Groups / Samples

Search:

Groups Samples

HF_s_LBL_p_10_10L

- ▼ Tutorial
 - All experiment
 - Exp without sample
 - Sample1
- ▼ Tutorial 2

Name: Tutorial

Layer Number: 2.0

Time: 10.0 s (second)

Concentration: 0.5

Add new field:

Experiments

Exp1

Created samples:

- Sample1

Open sample details

Remove sample from exp

Diagrams

Comment:

Raw data

Click on "Open sample details"



Create Sample



The screenshot displays the FURTHRmind software interface. The top navigation bar includes 'Projects / Topics Tutorial' and the user 'daniel.menne@furthr-research.com'. The main interface is divided into three panels: 'Groups / Samples', 'Experiments', and 'Diagrams'. The 'Groups / Samples' panel on the left shows a search bar and a tree view with 'Tutorial' selected, containing 'All experiment', 'Exp without sample', and 'Sample1'. Below the tree view are input fields for 'Name: Tutorial', 'Layer Number: 2.0', 'Time: 10.0 s (second)', and 'Concentration: 0.5'. The 'Experiments' panel in the center shows 'Exp1' selected, with a popup window titled 'Form - FURTHRmind' open. This popup window contains a search bar with 'Sample1' selected, and fields for 'Name: Sample1', 'Neglect sample: [checkbox]', 'Created samples: Exp1', and 'Used by exp:'. The 'Diagrams' panel on the right is empty, with a 'Raw data' section below it. The bottom left corner features a blue arrow icon pointing right.

A popup window with the information of the sample is shown.

Create Sample



You can also add a field to the sample in the same way as before

The screenshot displays the FURTHRmind software interface. At the top, the title bar shows 'FURTHRmind' and the current project/topic is 'Tutorial'. The main window is divided into several panels:

- Groups / Samples:** A search bar with 'HF_s_LBL_p_10_10L' and a tree view showing 'Tutorial' expanded to 'Sample1'. Below this are input fields for 'Name' (Tutorial), 'Layer Number' (2.0), 'Time' (10.0 s), and 'Concentration' (6.5).
- Experiments:** A central area showing a form for 'Exp1' with a 'Sample1' dropdown menu. A blue box highlights the 'Add new field:' dropdown at the bottom of this form.
- Diagrams:** A panel on the right with a 'Comment:' text area and a 'Raw data' section.

Blue boxes highlight the 'Add new field:' dropdown in the 'Experiments' form and the 'Add new field:' dropdown in the 'Groups / Samples' panel, indicating the process of adding a new field to a sample.

Create Sample



The screenshot shows the FURTHRmind software interface. At the top, the browser address bar displays 'Projects / Topics Tutorial' and the user email 'daniel.menne@furthr-research.com'. The main interface is divided into several panels:

- Groups / Samples:** A sidebar on the left with a search bar and radio buttons for 'Groups' (selected) and 'Samples'. It lists 'Tutorial' (expanded) with sub-items 'All experiment', 'Exp without sample', and 'Sample1', and 'Tutorial 2'.
- Experiments:** The central workspace containing two experiment panels: 'Exp1' and 'Exp2'. 'Exp1' shows 'Created samples:' with 'Sample1'. 'Exp2' is highlighted with a blue border, and a context menu is open over it with the following options: 'Delete selected exp', 'Remove exp from group', '(Un)Mark exp as neglected', 'Create sample from this Exp', 'Add used sample' (highlighted in blue), 'Link/Copy selected exp', 'Add File', 'Add diagram image', 'Add / Modify raw data', and 'Load raw data'.
- Raw data:** A section at the bottom right with a table structure.

Once a sample is created, it can be reused in other experiments, as shown in the figure

