

Chart ILIAS Plugin

1. Introduction

Chart Plugin is a Page Component ILIAS Plugin which allows the insertion of Charts in the page editor.

2. Supported ILIAS Versions

The Plugin supports ILIAS Versions 6.x.x.

3. Feature Overview

- i. Selection of the diagram type: Pie, horizontal and vertical Bar
- ii. Entry of 1 to n numerical values
- iii. Deleting individual numerical values
- iv. Shifting individual numerical values (using arrow keys)
- v. Labeling options (Value labels, Category label, Legend)
- vi. Selection of data format (number, percent)
- vii. Currency symbol for numbers as data format
- viii. Assignment of a color per category

4. Installation / Activation

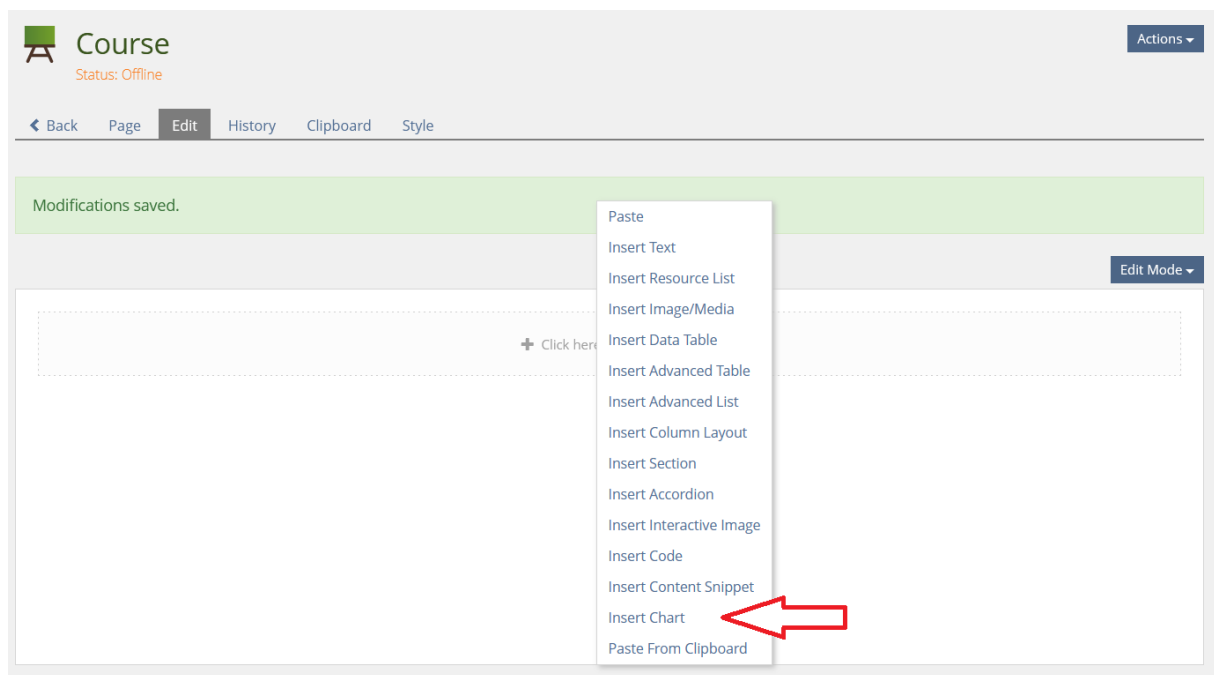
- i. After downloading the Plugin as ZIP from Github, rename the extracted directory to Chart and transfer it to
Customizing/global/plugins/Services/COPage/PageComponent
- ii. Log in to the ILIAS installation as Administrator and go to
Administration > Extending ILIAS > Plugins
- iii. In the list of plugins find the Chart plugin and choose Install in Actions
- iv. After installation choose Activate in Actions

The plugin has been installed and activated and is ready for use.

5. Usage

Create Chart

A chart can be created by clicking on the button „Click here to add content“ and selecting the menu entry „Insert Chart“.



The user should now fill in the following information about the chart:

- Title Chart
- Type Chart
- Data Format
- Key and Value for categories

* All fields are required

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Repository

Dashboard

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Achievements

Communication

Administration

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Chart

Chart

Enter the title, type and data format of the chart. After inserting, you have the option of selecting colors and filling the currency symbol.

Title Chart

Type Chart * Horizontal Bar Chart

Data Format * Numbers

Categories

If you have selected "Percent" as the data format, the calculation of the values will be printed in percent.

Category	Value	Actions
		+ - ^ v

* Required

Save

Cancel

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Chart

Chart

Enter the title, type and data format of the chart. After inserting, you have the option of selecting colors and filling the currency symbol.

Title Chart

Type Chart * Vertical Bar Chart

Data Format * Numbers

Categories

If you have selected "Percent" as the data format, the calculation of the values will be printed in percent.

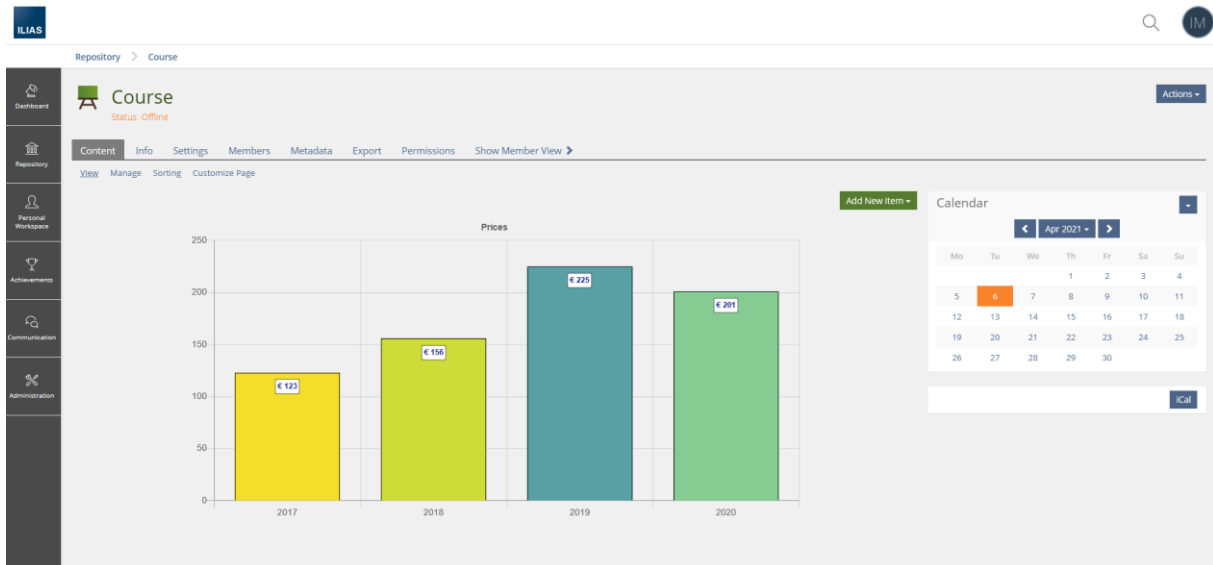
Category	Value	Actions
2017	123	+ - ^ v
2018	156	+ - ^ v
2019	225	+ - ^ v
2020	201	+ - ^ v

* Required

Save

Cancel

The chart will be displayed as follows:



Edit Chart

After creating the chart, the user can edit it by clicking on edit on the diagram object.

The user can edit the following information for the diagram:

- Title Chart
- Type Chart
- Data Format
- Currency Symbol
- Key and Value for categories

The screenshot shows the ILIAS Course interface with the "Chart" edit form open. The form contains the following fields and options:

- Title Chart:** Prices
- Type Chart:** Vertical Bar Chart
- Data Format:** Numbers
- Currency Symbol:** €

Below these fields is a section for "Categories" with a table for editing the data:

Key	Value	Actions
2017	123	+ - ^ v
2018	156	+ - ^ v
2019	225	+ - ^ v
2020	201	+ - ^ v

The form also includes "Save" and "Cancel" buttons at the bottom right.

The user can edit the colors of the chart too:

Repository > Course

Course
Status: Offline

Actions

Page Chart **Style**

Edit Style
You can define the colors of the bars in HEX colors. Example: CA3E3E

Save Cancel

2017	<input type="text" value="F3DE2C"/>	
2018	<input type="text" value="CDDC39"/>	
2019	<input type="text" value="59A0A5"/>	
2020	<input type="text" value="86CB92"/>	

Save Cancel

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