

# 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

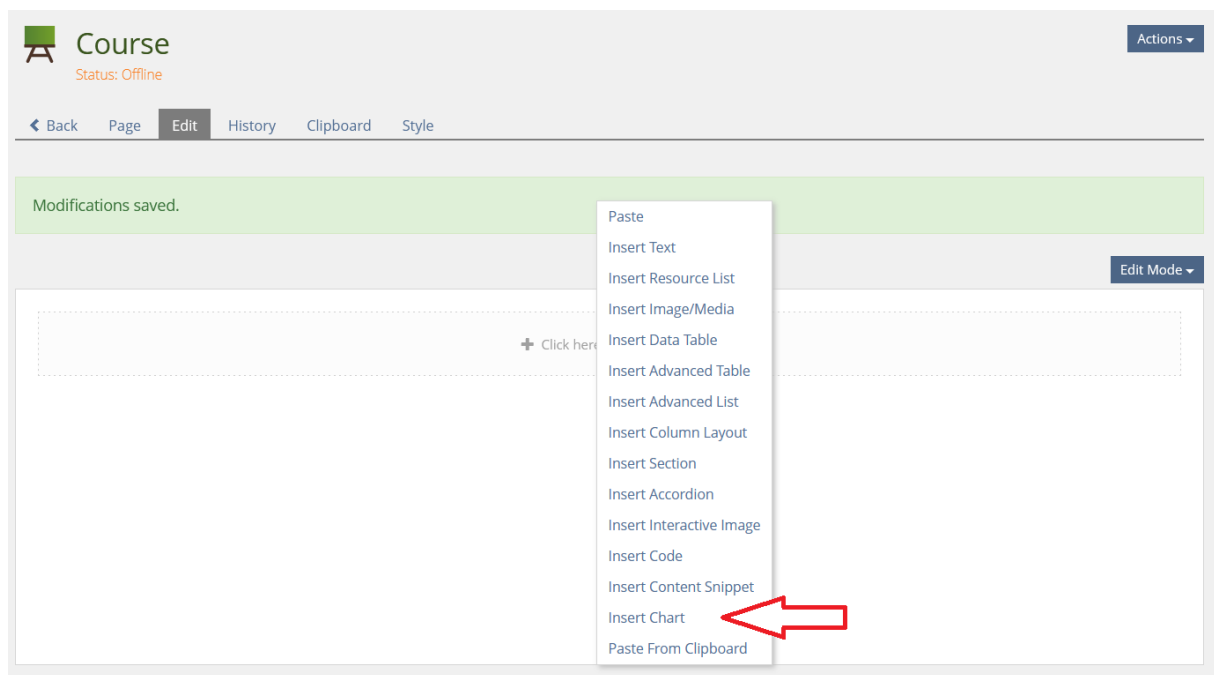
- i. After downloading the Plugin as ZIP from Github, rename the extracted directory to Chart and transfer it to  
Customizing/global/plugins/Services/COPage/PageComponent
- ii. Log in to the ILIAS installation as Administrator and go to  
Administration > Extending ILIAS > Plugins
- iii. In the list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

ILIAS

IM

Repository

Dashboard

Repository

Personal Workspace

Achievements

Communication

Administration

Repository

Chart

Chart

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

Title Chart

Type Chart \* Horizontal Bar Chart

Data Format \* ☐ Number ☐ Percent

Categories

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

Category	Value	Actions
		+ - ^ v

\* Required

Save Cancel

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ILIAS

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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.

Title Chart Prices

Type Chart \* Vertical Bar Chart

Data Format \* ☒ Number ☐ Percent

Currency Symbol € Add currency symbol

Categories

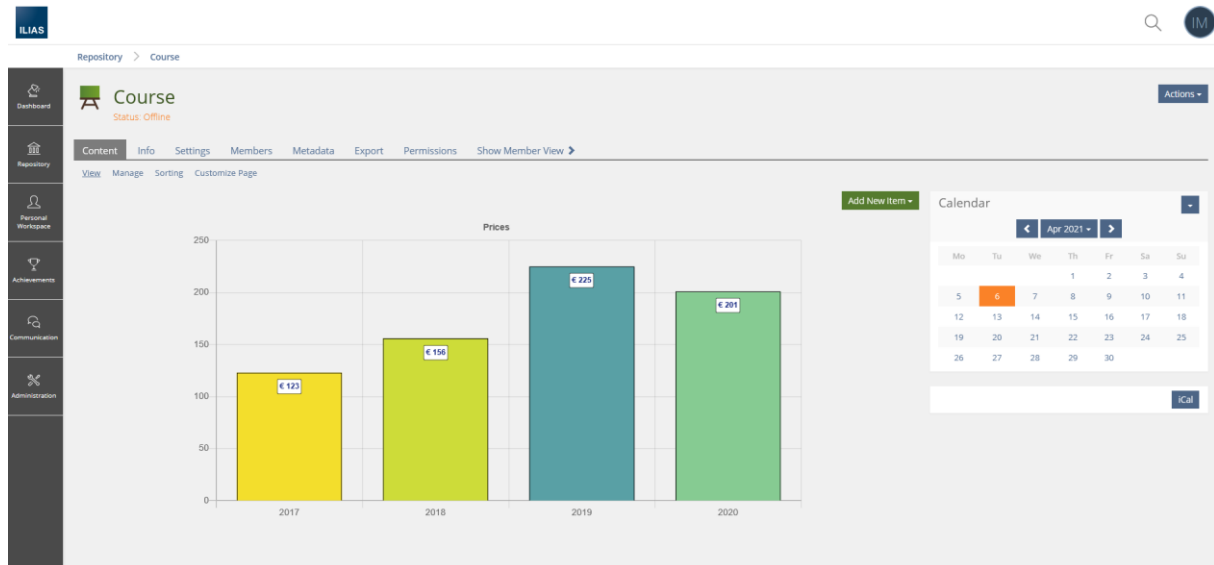
If you have selected "Percent" as the data format, the calculation of the values will be displayed in percent.

Category	Value	Actions
2017	125	+ - ^ 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

Repository

Repository

Chart

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

Title Chart: Prices

Type Chart: Vertical Bar Chart

Data Format: Number

Currency Symbol: €

Categories

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

Category	Value	Actions
2017	125	+ - ^ v
2018	156	+ - ^ v
2019	225	+ - ^ v
2020	201	+ - ^ v

Save Cancel

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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