

# 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. and 7.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

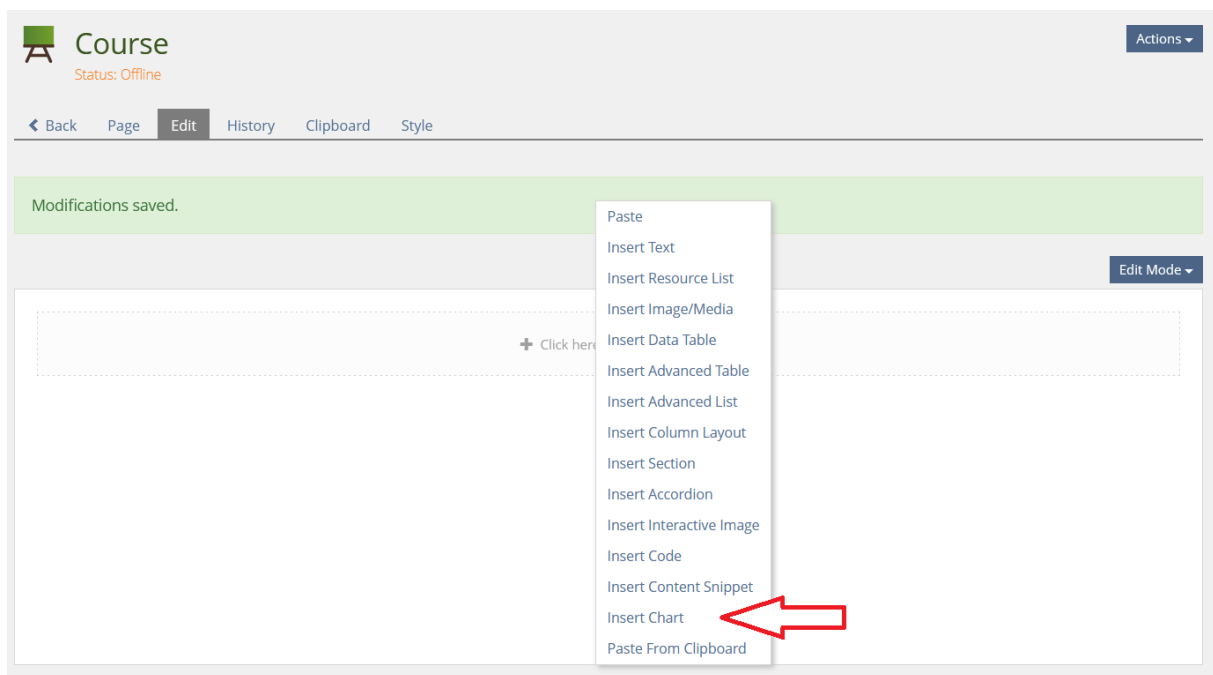
- i. After downloading the Plugin as ZIP from Github, rename the extracted directory to Chart and transfer it to  
Customizing/global/plugins/Services/COPage/PageComponent
- ii. Log in to the ILIAS installation as Administrator and go to  
Administration > Extending ILIAS > Plugins
- iii. In the list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

Q

Repository

Dashboard

Repository

Personal Workspace

Achievements

Communication

Administration

Repository

Page

Chart

Save

Cancel

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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Q

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Page

Chart

Save

Cancel

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

Prices

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

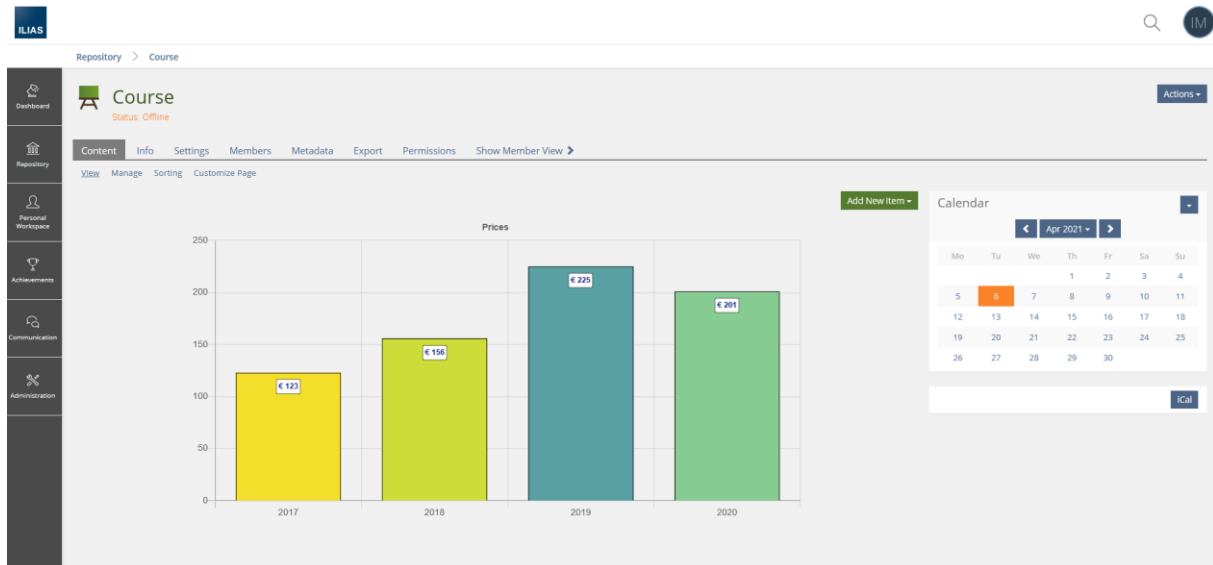
\*

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. The form has tabs for "Page", "Chart", and "Style". The "Chart" tab is active. The form includes the following fields:

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

Below these fields is a "Categories" section with a table. The table has three columns: Key, Value, and Actions. The data is as follows:

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

At the bottom of the form, there is a "Required" label and "Save" and "Cancel" buttons.

The user can edit the colors of the chart too:

The screenshot shows the ILIAS user interface. At the top right, there is a search icon and a user profile icon labeled 'IM'. Below the header, a breadcrumb trail reads 'Repository > Course'. A left sidebar contains navigation links: Dashboard, Repository, Personal Workspace, Achievements, Communication, and Administration. The main content area is titled 'Course' with a status 'Status: Offline' and an 'Actions' dropdown. Below this, there are tabs for 'Page', 'Chart', and 'Style', with 'Style' being the active tab. The 'Edit Style' section allows defining bar colors in HEX format, with an example 'CA3E3E'. It lists years 2017 through 2020, each with a text input for the HEX code and a color selection dropdown. The values shown are: 2017 (F3DE2C, yellow), 2018 (CDDC39, light green), 2019 (59A0A5, teal), and 2020 (86CB92, green). 'Save' and 'Cancel' buttons are present at the top right and bottom right of the form. The footer indicates the system is 'powered by ILIAS (v6.6 2020-11-27)' and includes links for 'Legal Notice' and 'Accessibility Control Concept'.

ILIAS

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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