

# Crop region

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*Version 1.0.0, by Giorgio Bianchini*

**Description:** Specifies a region of the plot to be cropped.

**Module type:** Plotting

**Module ID:** 5a8eb0c8-7139-4583-9e9e-375749a98973

This module defines a region of the plot that can be selected for export using the *Export* module (id d5d75840-4a71-4b81-bfc4-431736792abb).

The rectangular region is identified in terms of an [anchor node](#) and of the coordinates of the top left and bottom right corners of the rectangle, relative to the anchor node. The [From current view button](#) can be used to set the crop region to the area currently visibile in the plot.

To help in setting up the crop region, this module also draws guide lines highlighting the selected region; once the region has been selected, these should be disabled by unchecking the [Show guides checkbox](#) (otherwise, they will show up in the exported plots, which is probably undesirable).

## Parameters

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### Region name

**Control type:** Text box

**Default value:** 5a8eb0c8-7139-4583-9e9e-375749a98973

This parameter determines the "friendly" name used to select the crop region when exporting the plot.

### Anchor

**Control type:** Node

This parameter determines the node used as an anchor for positioning the crop guides. If only a single node is selected, the anchor corresponds to that node. If more than one node is selected, the anchor corresponds to the last common ancestor (LCA) of all of them.

Nodes are selected based on their [Name](#).

## Top left

**Control type:** Point

**Default value:** ( -20, -20 )

This parameter determines the position of the top-left corner of the crop region, with respect to the [Anchor](#).

## Bottom right

**Control type:** Point

**Default value:** ( 20, 20 )

This parameter determines the position of the bottom-right corner of the crop region, with respect to the [Anchor](#).

## From current view

**Control type:** Button

This button sets the crop region based on the area currently visible on screen.

## Show guides

**Control type:** Check box

**Default value:** Checked

This check box determines whether the guides are drawn or not. You probably want to hide the guides before exporting the plot.

## Guide colour

**Control type:** Colour

**Default value:**  #86CACA (opacity: 100%)

This parameter determines the colour of the guide lines.

## Guide thickness

**Control type:** Number spin box

**Default value:** 1

**Range:**  $[ 0, +\infty )$

This parameter determines the thickness of the guide lines.

## Margin

**Control type:** Number spin box

**Default value:** 10

**Range:**  $( -\infty, +\infty )$

This parameter determines how much the guide lines extend beyond the crop region.