

# How to Add a New Calculator

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November 17, 2010

## Introduction

This document is supposed to help adding new calculators to the Dynamics Plotter. Apart from creating the obvious source and header files it is necessary to add the new calculators to the collection and (if so wished) to the inbuilt plotters.

## Collection

The new calculator is added to the selection by creating a new object in `NetworkDynamicsDiagramPlotter/NetworkDynamicsDiagramPlotterLib/Collections/-DynamicsPlotCollection.cpp`.

## Inbuilt Plotter

Make sure the inbuilt plotter accepts the new calculator. Do so by adding its name to the appropriate if-clause in `NetworkDynamicsDiagramPlotter/-NetworkDynamicsDiagramPlotterLib/DynamicsPlot/OnlinePlotter/OnlinePlotter.cpp`, more precisely in `OnlinePlotter::prepareData(QString calculator)`.