

Draft 8/20/2018:

Model View-Component Controller design pattern

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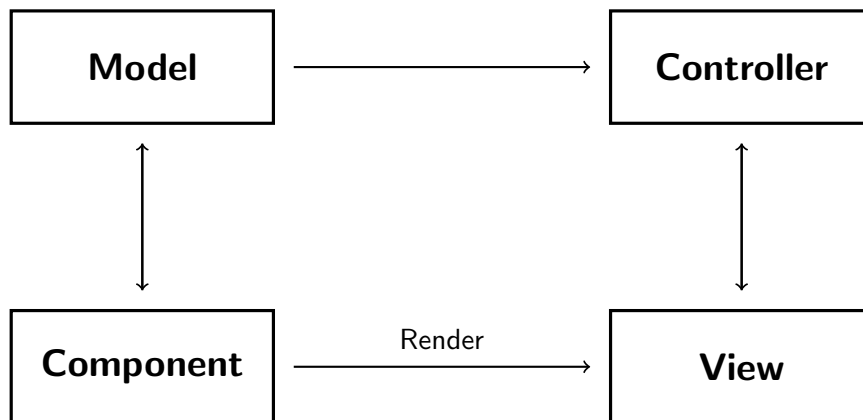
Abstract

Model View-Component Controller (MVCC) is a design pattern based on MVC. It adds a little more abstraction with a lot of new ways to design application. It is meant to be mainly for a websites where you have an server preloading mechanism and also client dynamics on component level.

Implementation

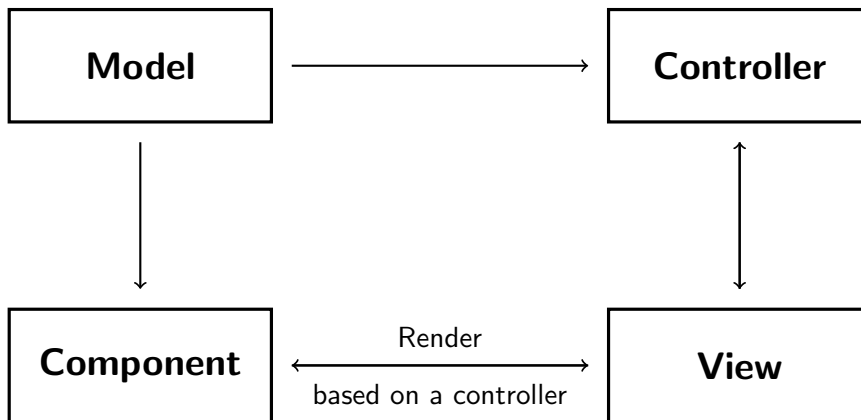
The main strenght of MVCC is the different implementations which you can use:

2.1 Standalone Component



Component renders into view and has it's own set of controls and it's not dependent on view. Can be implemented into any site. e.g. menu or footer with links and copyright statements. Every other thing works like in MVC.

2.2 Component with parameters



Component is based on controller. The typical use case can be settings for an user profile.