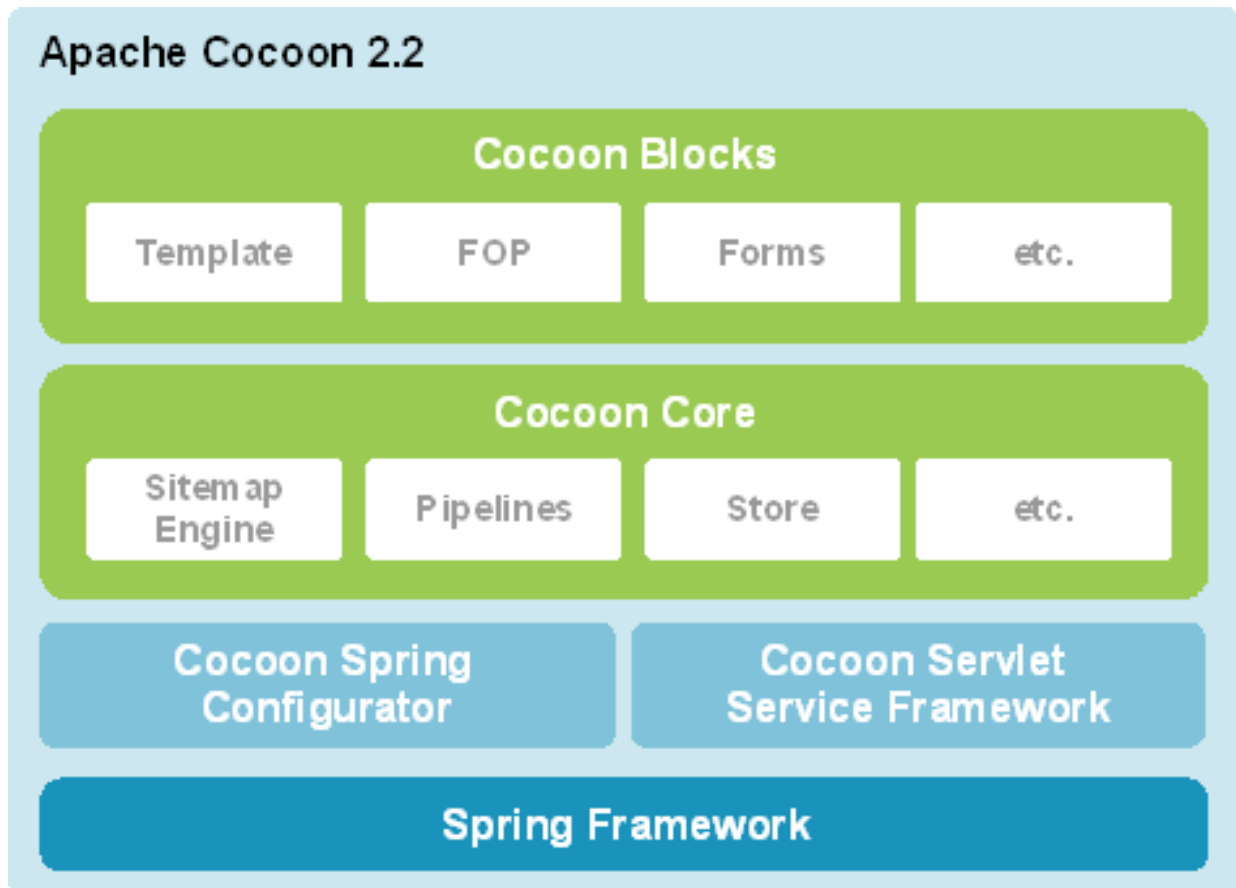


# Overview

The main design goal of Apache Cocoon 2.2 was providing better support for modularization:



Cocoon is based on the [Spring 2.0](#)<sup>1</sup> framework. The Spring Configurator and the Servlet Service Framework are two subprojects having Spring as main dependency. It's important to note that both can be reused outside of Cocoon Core.

The [Spring Configurator](#)<sup>2</sup> provides basic support for configuring web applications that make use of Spring. The [Servlet Service Framework](#)<sup>3</sup> enables modularization based on the `javax.servlet.Servlet` interface. Those servlet services are [polymorphic](#)<sup>4</sup>.

[Cocoon Core](#)<sup>5</sup> provides implementations of a sitemap engine and of pipelines. It also establishes a contract to add modules. The unit of modularization in Cocoon is called blocks. [This list](#)<sup>6</sup> gives an overview of what additional functionality is available. Web applications based on Cocoon are also developed following the block contracts.

1. <http://static.springframework.org/spring/docs/2.0.x/reference/index.html>

2. [daisy:1329](#) (List)

3. [daisy:1325](#) (Overview and Download)

4. [http://en.wikipedia.org/wiki/Polymorphism\\_in\\_object-oriented\\_programming](http://en.wikipedia.org/wiki/Polymorphism_in_object-oriented_programming)

5. [daisy:1210](#) (List of Core Modules)

6. [daisy:1204](#) (List)

