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# Sitecore Ignition Documentation

*Release beta-0.98*

**Sitecore Ignition**

June 25, 2016



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Ignition is an open source development accelerator designed by the team at [Perficient](#) and released to the Sitecore community as a quick-start tool for beginning Sitecore projects. It has two primary components: the Sitecore Information Architecture piece and the .NET MVC Solution. All along the way, the team has set things up so that we're using best practices for Sitecore development as well as good development practices and patterns. We embrace SOLID, and our code is designed to enable you, the consumer, to quickly extend, add onto, and test your own code.

Please note that Ignition is in beta and may still be a bit rough around the edges. We are diligently adding new features and polish to the project and we happily accept your thoughts, feature requests, and pull requests.





## 1.1 Setup

## 1.2 Deploy Project

## 1.3 Solution Overview

### 1.3.1 Ignition Solutions

Ignition.sln

Ignition.Tds.sln

### 1.3.2 Ignition.Core Project

Adding Additional Fields Definitions

Creating Your Page Structure

### 1.3.3 Ignition.Data Project

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Setting up the Search Page Class Structure

### 1.3.4 Ignition.Infrastructure Project

Setting up Sitecore Computed Fields

Setting up a Token Helper

### 1.3.5 Ignition.Sc Project

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Creating the Models Interface to Map to a Sitecore Template

Creating the ViewModel for a Component

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Using the BaseViewModel

####Using the ViewPath Property



**Creating a Custom ViewModel**

**Creating the View for a Component**

**Ensuring the View Supports the Experience Editor**

**Creating an Experience Editor View**

**Creating an Agent for a Component**

**Implementing PopulateModel**

**Accessing the Component's Datasource**

**Setting up and Accessing Rendering Parameters**

**Creating the Rendering Parameter Template**

**Coding the Rendering Parameters Interface**

**Accessing the Rendering Parameter in Code**

**Accessing the Agent Parameters**

**Performing Searches Against Sitecore Items in Code**

### Other uses for Constants.cs

**Creating the Controller for a Component**

**Using the View<> Method**

**Using Only a ViewModel**

**Using a ViewModel and Agent**

**Explicit View Location**

### **1.3.6 Ignition.Root Project**

Sitecore Configuration

### **1.3.7 Ignition.Tests Project**

## **1.4 Sitecore Structure Mapping to Ignition**

## **1.5 Ignition and Sitecore Powershell Extensions**

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### Contribute

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- Source Code: [github.com/sitecoreignition/SitecoreIgnition](https://github.com/sitecoreignition/SitecoreIgnition)
- Issue Tracker: [github.com/sitecoreignition/SitecoreIgnition/issues](https://github.com/sitecoreignition/SitecoreIgnition/issues)



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## Indices and Tables

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- `genindex`
- `modindex`
- `search`

### 3.1 Authors

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