



# Document Auto Title

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## Technical Overview

# 1. Copyright

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## 2. Document Change History

Date	Version	Change Description
5/21/2020	1.0.0	Initial Release

## 3. Contents

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## 4. Glossary

### **Product**

Document Auto Title for SharePoint on-premise.

### **Farm**

A Farm is a group of servers that work in concert to provide SharePoint services to deliver functionality for the end-users.

### **Farm Solution**

Farm solution is a package that can be deployed to an on-premise SharePoint Farm. Farm solution has full access to system resources and other sites on the farm.

### **Feature**

A feature is a set of SharePoint elements (artifacts) such as the following: site column, content type, web part, application page, custom actions, list template, list instance, and others.

### **Feature Scope**

A Feature Scope at which a feature is defined for. A Feature can be defined for Farm, App, Site, or Web.

### **List**

A list is a storage unit in SharePoint. The list can contain columns of different types, content types, views. Document Library is a special type of List and therefore Library inherits the functionality of List.

### **Document Library**

A special type of list that stores files, folders, and information about them. Document Library, as well as List, can contain personal or shared views, item-level permissions, and so on.

### **Custom Action**

Custom action represents a link, ribbon component, menu item, or toolbar item. Custom action can be bound to list type, content type, or file type.

### **Event Receiver**

An Event Receiver allows handling the events within Site, List, or Document Library.

## 5. Document Information

### 5.1 Objectives

The main purpose of the document is to describe the Product as a SharePoint-based solution. The document describes the artifacts that will be deployed to the farm during the installation process or using the product.

This document does not cover the architecture view of the product.

### 5.2 Document Overview

The document is divided into subsections:

- **Document Information** provides information about the purpose and use of the document;
- **System Requirements** describes hardware, software and other requirements for the product;
- **Installation Package** describes the content of product installation package;
- **Artifacts** presents SharePoint-related artifacts produced and/or used by the product;



## 6. System Requirements

Due to the Document Auto Title is a solution that is built on top of SharePoint, the system requirements depend on the version of SharePoint Server where you need to install the product.

System Requirement for SharePoint Server you can find at the links bellow:

[Hardware and software requirements for SharePoint 2013](#)

[Hardware and software requirements for SharePoint Server 2016](#)

[Hardware and software requirements for SharePoint Server 2019](#)

## 7. Installation package

Document Auto Tiles delivered as a Zip-archive which contains the following files:

**\Setup.exe** – setup program to install, repair, upgrade or remove the product;

**\data\vitextra** – setup configuration file;

**\data\ZS.Portal.Core.wsp** – core component package;

**\data\ZS.Portal.DocumentAutoTitle.wsp** – Document Auto Title package.

## 8. Artifacts

Document Auto Title contains artifacts of the following types: Feature, Custom Action, Event Receiver, Static Content, Resource. No other types of artifacts provided with the product package.

### 8.1 Features

The product contains the following features:

Feature	Scope	Description
Vitextra: Document Auto Title	Farm	Includes product registration and activation functionality.
Vitextra: Document Auto Title	Web	Custom Action, Application Page, Event Receivers

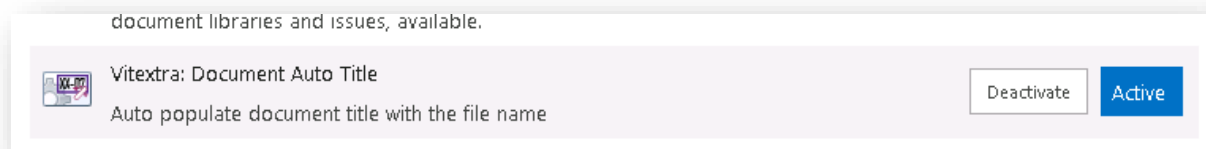


Figure 1. Document Auto Title Feature

The web-level and site-level features require that the Farm-level feature is installed and activated.

## 8.2 Custom Actions

The product contains the following custom actions:

Location	Group	Rights	Description
Document Library	General Settings	Manage List	Link to Auto Title Settings for the document library

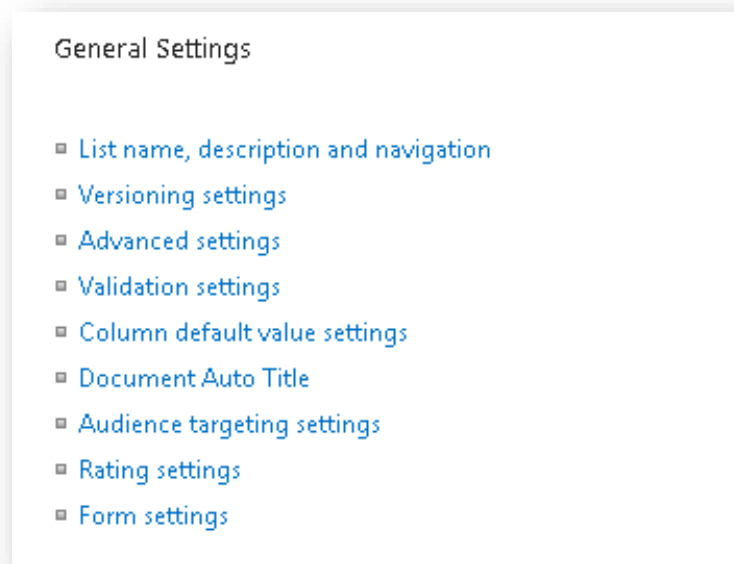


Figure 2. Document Auto Title Action

The purpose of the custom action is to make it possible to change the title population setting for the Document Library.

## 8.3 Event Receivers

The product has definitions of the event receiver that is used to populate the Title column.

The event receiver handles the following events:

- When a new document is added to the library (**ItemAdded**)
- When an existing document is updated in the library (**ItemUpdated**)

- When an existing document is checked-in in the library (**ItemCheckedIn**)

**ItemUpdated** and **ItemCheckedIn** event receivers used only in case of the auto update title option is checked.

## 8.4 Static Content

### 8.4.1 Images

The product contains the following images:

Folder Path <sup>1</sup>	Image Name	Description
\ZS.Portal.DocumentAutoTitle	ZSFeature.png	Icon of the product Features

### 8.4.2 Site Pages

The product contains the following site pages:

Folder Path <sup>2</sup>	Page Name	Description
\ZS.Portal.DocumentAutoTitle	Settings.aspx	Title population settings for document library

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<sup>1</sup> SharePoint Image folder relative path

<sup>2</sup> SharePoint Layouts folder relative path

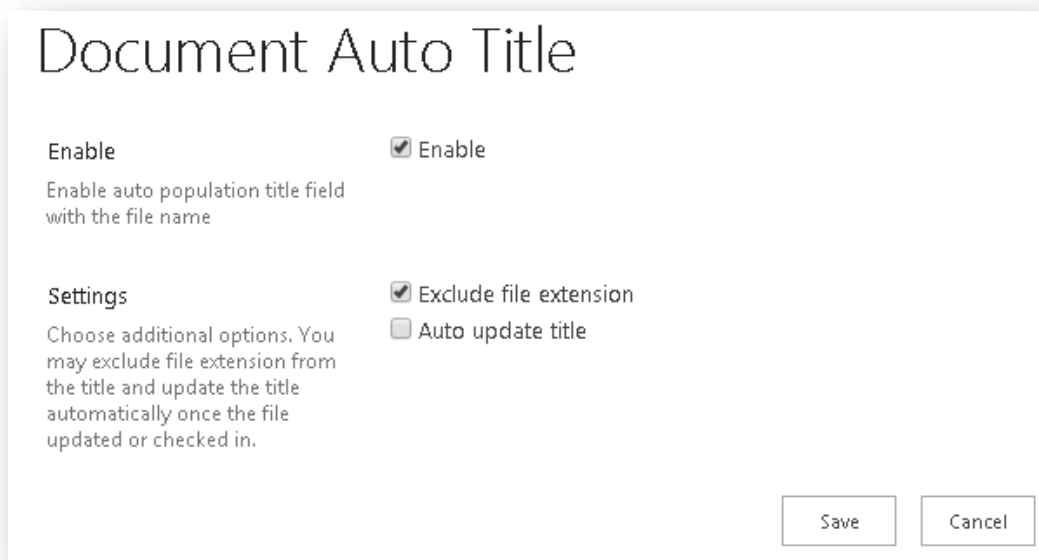


Figure 3. Document Auto Title Settings page

## 8.5 Localization Resources

As of today, Document Auto Title supports English and Russian language.

Resource files of the product:

Resource File	Language
ZSDocumentAutoTitle.resx	English (United States)
ZSDocumentAutoTitle.en-US.resx	English (United States)
ZSDocumentAutoTitle.ru-RU.resx	Russian (Russia)

The default language is English (United States).

### Note

If you need a special localization that is not presented in Document Auto Title – send your localization request to [info@vitextra.com](mailto:info@vitextra.com).

## 9. Unremovable Artifacts

Document Auto Title solution does not contain non-removable artifacts.