

**KNOWLEDGE BASE ARTICLE**

# Cross-Site Unique Identifier for SharePoint Documents and List Items



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# Table Of Contents

<b>Introduction</b>	4
<b>Preconditions</b>	4
<b>Create Sequence</b>	5
<b>Start Over Options</b>	6
<b>Create Numbering Scheme</b>	7
<b>Uploading documents</b>	9

This article describes how to create and use cross-site sequences to generate unique numbers for SharePoint documents and list items.

## Introduction

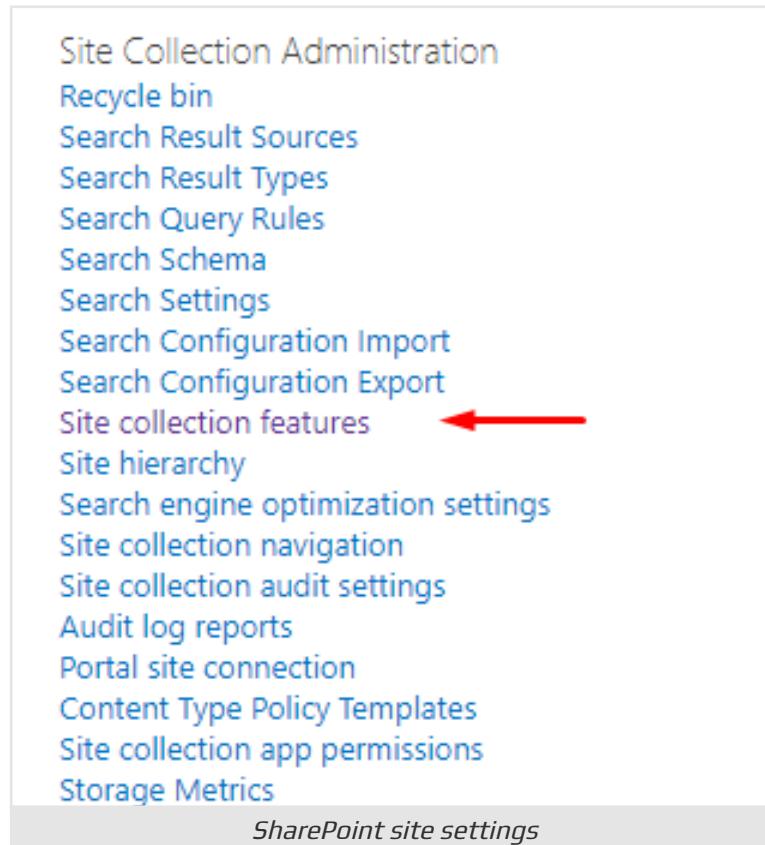
[Vitextra Number Generator](#) allows to set up sequences that can be used for unique number generation.

All Vitextra sequences are stored in a generic SharePoint list which is located on the root web of the site collection.

## Preconditions

To be able to set up and use sequences make sure the **Vitextra: Number Generator** feature is activated on site collection level.

Go to **Site Settings** and click **Site collection feature**:



Scroll down to the feature and click **Activate** in case it is not activated yet:

 Vitextra: Assets Assets manager for Vitextra UI components	<button>Deactivate</button> <button>Active</button>
 Vitextra: List Filter Find information in SharePoint Lists and Document Libraries	<button>Deactivate</button> <button>Active</button>
 Vitextra: Number Generator Generate unique numbers or names for any list item or document	<button>Deactivate</button> <button>Active</button>
 Vitextra: Quick Filter Web part to filter data with a single text box	<button>Deactivate</button> <button>Active</button>
 Vitextra: Short URL Short links to any content from within SharePoint	<button>Deactivate</button> <button>Active</button>

Number Generator site collection feature

## Create Sequence

On root web of the site collection where you want to use sequence functionality go to **Site Contents** and click the **Numbering Sequences** list:

Site Contents

Lists, Libraries, and other Apps

SITE WORKFLOWS SETTINGS RECYCLE BIN (35)

 add an app	 Car Makers 76 items Modified 4 weeks ago	 Cars 7000 items Modified 4 weeks ago
 Content and Structure Reports 7 items Modified 6 weeks ago	 Contracts new! 11 items Modified 14 hours ago	 Documents 6 items Modified 6 days ago
 Form Templates 0 items Modified 6 weeks ago	 Numbering Sequences 2 items Modified 15 minutes ago	 Reusable Content 3 items Modified 6 weeks ago
 Site Assets 0 items Modified 6 weeks ago	 Site Collection Documents 0 items Modified 6 weeks ago	 Site Collection Images 0 items Modified 6 weeks ago

SharePoint site contents

Click **New Item**:

# Numbering Sequences

[+ new item](#) or [edit this list](#)

[All Items](#) ...

Find an item



Sequences list

Each sequence has the following attributes:

- **Name.** Used to reference the sequence in numbering sequences;
- **Initial Value.** Starting value from where the sequence starts;
- **Step.** Value by which sequence will increment itself.
- **Start Over.** The rule to reset sequence value to the initial value.

## Warning

The name of the sequence is the only way to reference it in the numbering scheme.

## Start Over Options

There are four possible options to define the rule to start over the sequence:

- **Monthly.** Reset the sequence on the first day of each month;
- **Quarter.** Reset the sequence on January 1, April 1, July 1, and October 1;
- **Yearly.** Reset the sequence on January 1;
- **Never.** The sequence is never reset.

The default option is **Never**.

Type in field values and click **Save** to create a new sequence.

**Name \***  Name of the sequence. Use it to reference the sequence in scheme formula

**Initial Value \***  Starting value from where the sequence starts

**Step \***  Value by which sequence will increment itself.

**Start Over Period \***  Define the rule to reset sequence value to the initial value

*New sequence form*

Once the sequence is created you are able to use it in Numbering Scheme.

## Create Numbering Scheme

To create a new or modify the existing Numbering scheme open the list or document library where you need to implement an automatic numbering and go to Settings.

Click **Number Generator** under **General Settings** heading:

General Settings

- [List name, description and navigation](#)
- [Versioning settings](#)
- [Advanced settings](#)
- [Validation settings](#)
- [Column default value settings](#)
- [Document Auto Title](#)
- [Number Generator](#)
- [Audience targeting settings](#)
- [Rating settings](#)
- [Form settings](#)
- [Catalog Settings](#)
- [Number Generator](#) 

*SharePoint document library settings*

On the list of existing schemes click **New Item**:

## Numbering Schemes

 [New Item](#) 

Name	Content Type	Field	Formula	Regenerate
Contract Number	Document	Number	[!Sequence:0000]	Yes
Contract Title	Document	Title	[Company] - [Date:yyyy] - [Number]	Yes
Image Unique Name	Image	Title	[Date Picture Taken:yyyy-MM-dd].[Keywords]	Yes

*List of existing numbering schemes of the list/document library*

Type in name of the new scheme, choose the field in which the Number Generator will write the value.

## New Numbering Scheme

Name \*

Name of the scheme

Unique Number

Content Type

Specify the content type in the library to automatically generate the field value

Document

Field \*

Choose the field which should use the scheme

Title

Formula \*

Specify the formula that you want to use to calculate the value

[!Unique Document Number:00000]

Regenerate

Specify the formula that you want to use to calculate the value

 Recalculate the value on update and check-in

Save

Cancel

New numbering scheme form

To use sequence in formula reference it by typing its name with ! prefix:

[ !Unique Document Number:00000]

! character means you reference the sequence, :00000 means that the number must be five characters long. For more information about formatting read [Format Column or Sequence Value in Numbering Scheme](#) article.

Click **Save** to create the scheme.



**Tip**

You can use any text you need in the formula. Number Generator does not modify it.

Create schemes for other lists and libraries where you need to use the sequence for numbering.

## Uploading documents

Once the scheme is set up you can create new list items or upload documents. **Number Generator** automatically populate the column with the sequence value.

