








Umbraco uSync

uSync



-  Definition
-  Installation
-  Functionality
-  Notes
-  Example

What will we go through?



Definition



Umbraco package database and file syncing tool for transferring between computer/servers/environments

What is its use?



NuGet Package

- Run the command `PM> Install-Package uSync (-Version *)`

Our Umbraco

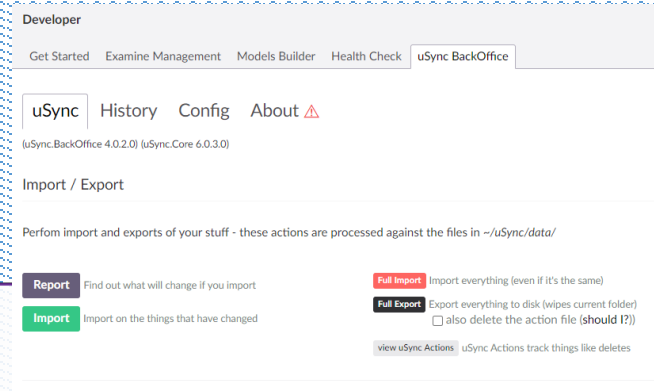
- Download package from <https://our.umbraco.org/projects/developer-tools/usync/>
- Install via the package installer inside Umbraco

What is the first step?



Umbraco 7

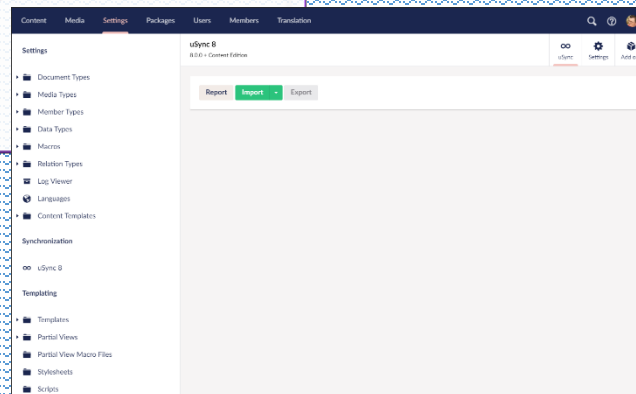
- Dashboard => located in the Developer section
- Export in uSync/data => xml format



Where is the magic done?

Umbraco 8

- Dashboard => located in the Settings section
- Export in usync/v8 => json format





Export

- Once uSync is running it will generate xml (json for Umbraco 8) files of all document types, data types, macros... made in the backoffice and will place them in the uSync/data folder.
- For Umbraco 7 it follows the folder structure from the backoffice

Import

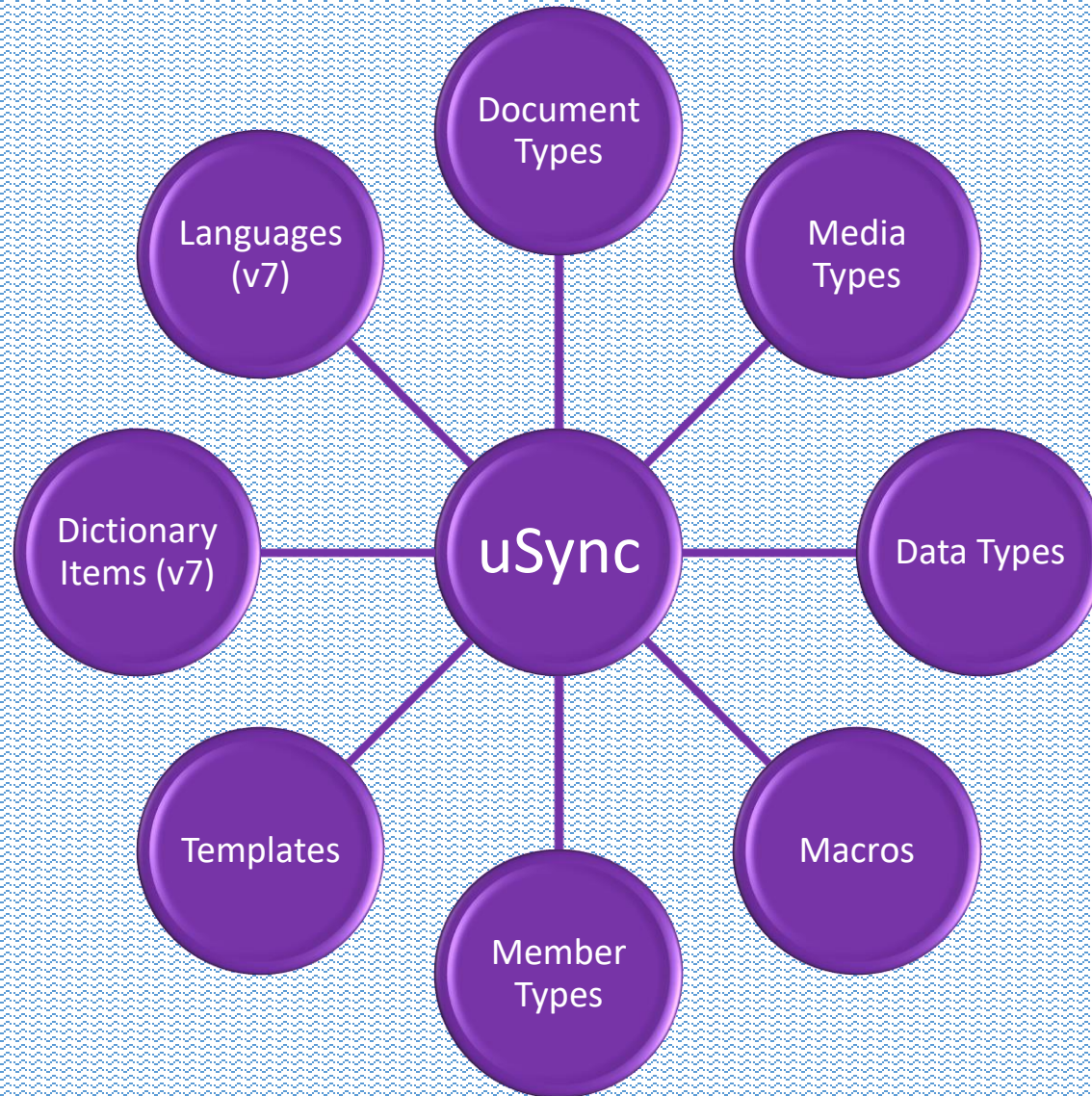
- Once uSync import is running it will import the xml (json for Umbraco 8) files into the database

How does it function?

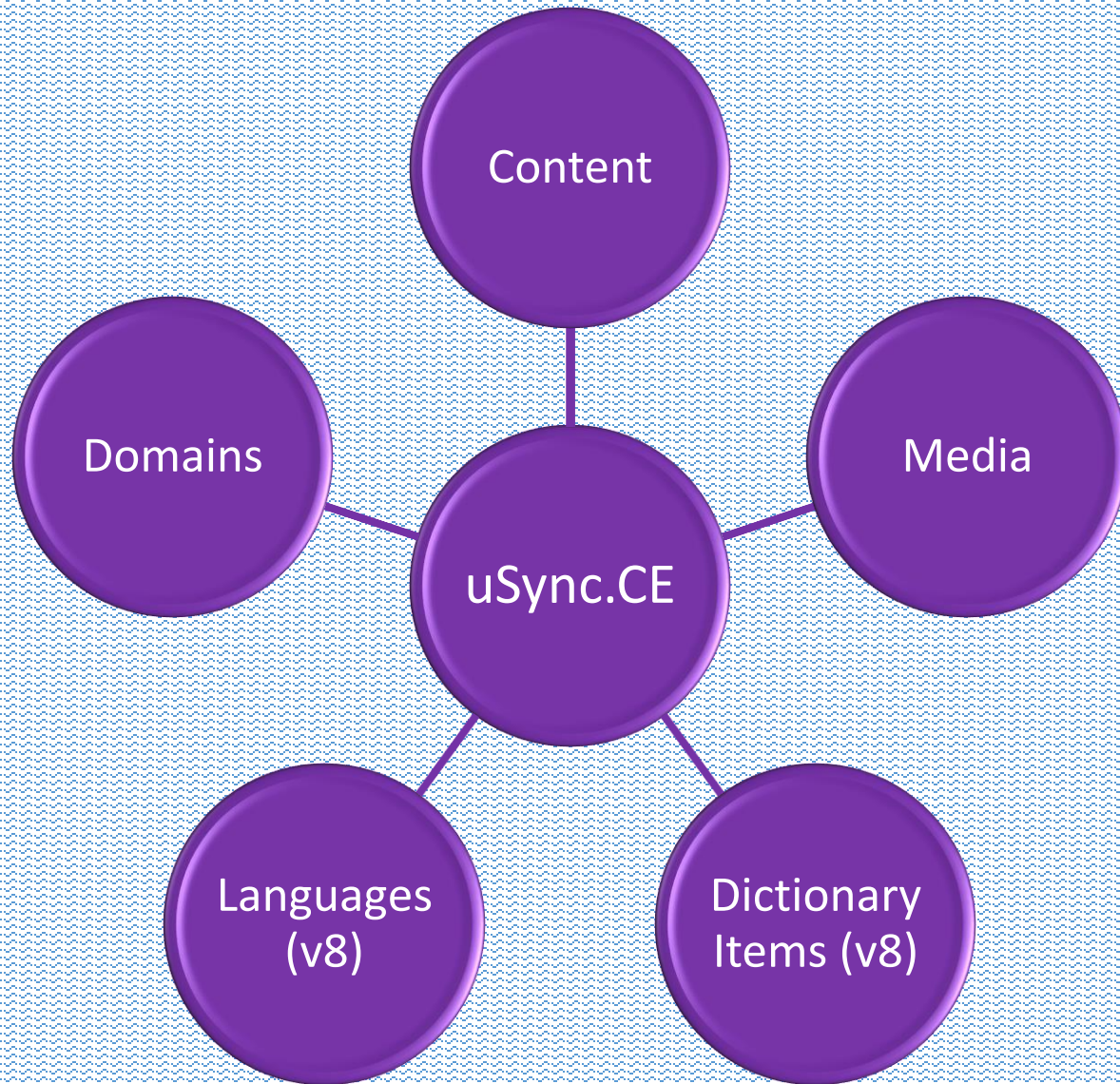


For setting up the uSync package use
the following files
uSyncBackOffice.config
uSyncCore.config
placed in Config folder in the project

*How to configure
it?*



What does uSync handle?



*What does
uSync.ContentEdition
handle?*



uSync.ContentEdition

- content and media items synchronization

uSync.Snapshots

- Allows you to take moment in time snapshots of changes you have made

uSync.Core

- The core uSync engine & API - allowing you to write your own syncing routines

uSync.HealthChecks (NuGet)

- Health checks on the state of your uSync folder and files

uSync.Chauffeur (NuGet)

- uSync through the command line

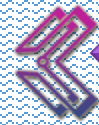
What else can it do?



Not a deployment system



No need on Umbraco Cloud



uSync.ContentEdition requires
uSync



v8.x for Umbraco 8



v4.x for Umbraco 7

*What should we
be careful about?*



Thank you
for
the attention!

uSync

More information:

<https://usync.readthedocs.io/>

<https://our.umbraco.com/packages/developer-tools/usync/>