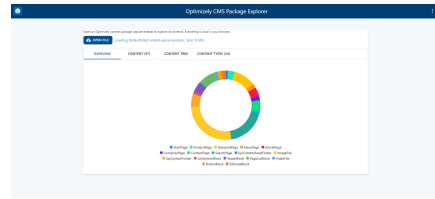


ALLAN THRAEN | 3 days ago | PDF |

Vision Demos & Prototypes Addon Development Optimizely (Episerver)

OPENSOURCE RELEASE: NEW PACKAGE EXPLORER FOR OPTIMIZEZY CMS



The import/export ".episerverdata" packages have been around as far as I can remember - and even though they might seem a bit outdated, it's still one of the most common ways to move content around today. But it can be quite a hassle to work with. I recently was inspired to build a tool that will hopefully make life a bit easier when dealing with the packages across versions.

Introducing the Optimizely CMS Package Explorer: Your New Favorite .episerverdata Inspector

Have you ever received an .episerverdata file and thought: "What's actually inside this thing?" Or perhaps you've tried to peek into an old .episerverpackage only to find yourself tangled in XML and frustration?

Well, now there's a better way.

Meet the Optimizely CMS Package Explorer

The Optimizely CMS Package Explorer is a new open-source tool for inspecting (and eventually editing) .episerverdata and .episerverpackage files – those ZIP-based archives used to export content from Optimizely (formerly Episerver) CMS.

Explore it on GitHub: github.com/CodeArtDK/CodeArt.Optimizely.PackageExplorer

With this tool, you can upload a package and instantly browse its content types, pages, media, and more in a structured, user-friendly interface built with Blazor and MudBlazor.

URL Segment	Name	Content Type	Start Publish	Language	Master Language
start	Start	StartPage	15/08/2012 21:33:00	en	en
alloy-plan	Alloy Plan	ProductPage	22/08/2012 17:15:48	en	en
alloy-track	Alloy Track	ProductPage	22/08/2012 17:15:32	en	en
download-whatpaper-alloy-track	Whitpaper	StandardPage	15/09/2012 16:04:17	en	en
alloy-meet	Alloy Meet	ProductPage	22/08/2012 18:32:16	en	en
about-us	About us	StandardPage	15/08/2012 21:54:18	en	en
news-events	News & Events	StandardPage	22/08/2012 17:17:47	en	en
events	Events	NewsPage	02/10/2012 15:45:16	en	en
reporting-made-simple	Reporting Made Simple	StandardPage	04/10/2012 15:53:50	en	en
collaboration-made-simple	Collaboration Made Simple	StandardPage	02/10/2012 14:15:49	en	en

A datagrid with sorting, filtering and quick search gives you an easy way to see if all the right content is included in the package.

Architecture at a Glance

The solution consists of three projects:

- **CodeArt.Optimizely.PackageExplorer.Core**
A core class library that reads .episerverdata files and exposes models for content, media, tabs, visitor groups, etc.
- **CodeArt.Optimizely.PackageExplorer.CLI**
A console app for quick command-line inspection, testing, and automation.
- **CodeArt.Optimizely.PackageExplorer (Blazor WebAssembly)**
A sleek PWA frontend for uploading and visually exploring packages.

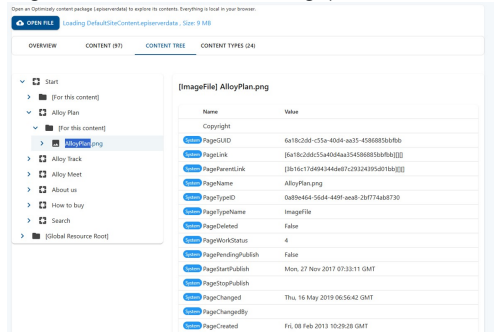
If you are concerned about data-safety, don't be. This tool is made as a web assembly, and it's running 100% in your browser - no data is leaving your machine. If you don't believe me, check the source yourself!

Name	Value
PageLink	[706c7d1758547e1ad517322846dc2e02]
PageTypeID	19271857-8664-4495-ae11-60646e049559
PageParentLink	[43919692340a3976261c53ba0701502]
PagePendingPublish	False
PageWorkStatus	4
PageDeleted	False
PageCreated	Fri, 18 Mar 2022 09:23:23 GMT
PageTypeName	StartPage
PageChanged	Fri, 18 Mar 2022 09:23:23 GMT
PageCreatedBy	

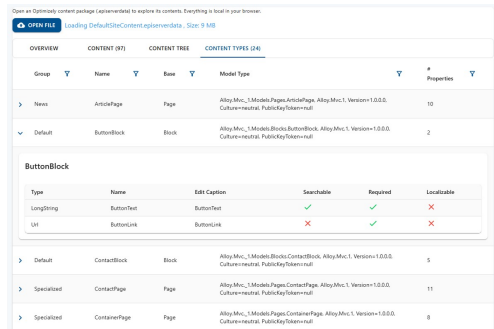
Of course each content item can be expanded and you can browse all the properties.

Features Implemented So Far

- Parsing and displaying:
 - Content types and property definitions
 - Tabs and grouping metadata
 - Raw content from `epix.xml` with resolved type info
- Merging logic for connecting content items to their types
- File upload and PWA-ready Blazor UI
- Visual shell using MudBlazor with tabs, treewiews, and graphs



A treewiew makes it easy to navigate the contents in the package.



And if you export content types, you can easily get an overview of what is included in the package.

What's Coming Next?

This is just the beginning. Here are some of the ideas I'm working on:

- **Media:** Showing images and other media in the package
- **Improved support for showing content**
- **Editing:** Modify package contents before re-packaging
- **Comparing:** Diff two packages to spot changes
- **Exporting:** Convert packages to JSON, CSV, Excel
- **Migration:** Support export/import for other CMS platforms and different formats

Whether you're an Optimizely developer, content architect, or site manager – this tool will make your life easier.

Try it out or contribute at:

github.com/CodeArtDK/CodeArt.Optimizely.PackageExplorer

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