Contenta

Makes your content happy

A community driven API-First distribution
DISCLAIMER

The slides contain a lot of text so people at home can get the full context just by reading the slides. Do not try to read the text during the presentation.
Contenta is a collection of modules and configuration ready to deliver the best experience when working with decoupled Drupal. Decoupled Drupal frees the developer from *drupalisms* but to set up the Drupal backend you need to know quite a lot of Drupal. The Contenta distribution arises as a response from the community to this irony. It gives you the pieces of the puzzle for decoupled Drupal and then assembles the puzzle for you.
DECOUPLED DRUPAL
**Services**

**JAN 2012**

The most popular API solution for a long time. It was the only contrib solution for Drupal 6.

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**RESTful 1.x**

**MAY 2014**

The first attempt to implement decoupled best practices in a modern API. It has versioning, resource embeds, etc.

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**REST in core**

**SOMETIME 2014**

Around 2014 is when REST in core got the biggest push. Many of the features were in flux all the time due to changes in the routing system. It ended up stabilizing into something very close to what we have today.
The second iteration of RESTful addressed the shortcomings of RESTful 1.x by providing more control to consumers, improving performance and DX, and even introduced JSON API in D7. It may be the richest feature set to date.

The JSON API project started as a response to the need to use modern techniques for Drupal 8. It started as RESTful 3.x.

Coinciding with the first stable release of JSON API,
MEET OUR TEAM
MEET OUR TEAM

CRISTINA CHUMILLAS
DOTS JOINER
UX and design guru. She makes sure that things make actual sense. Without her the world is ugly.

@ckrina

DANIEL WEHNER
WANNABE SCIENTIST
Machine learner and fast mover. Without him we would be at WordCamp.

@dawehner

SALLY YOUNG
LOVELY SLYTHERIN
Passionate about all things JavaScript. Without her there would only be JSON.

@justafish

MATEU AGUILÓ BOSCH
ISLANDER
Obsessed with decoupling best practices. Without him you would do many requests.

@e0ips0
THE REST OF THE TEAM
OUR MISSION
THE MISSION OF CONTENTA IS TO BE:

Friendly to non-Drupalers
Contenta comes with a default setup ready to start creating your content model and your content. No Drupal involved.

Usable from the first minute
It comes with demo content to make it easy to evaluate decoupled Drupal. Revert to a clean state after, in one click.

A decoupled knowledge hub
Do you have troubles finding documentation for one of the pieces? We provide a Knowledge Hub to point you there.

Feature-complete for decoupled
Contenta is build by people with extensive experience in real decoupled projects. We know what you will need.
FORGET ABOUT DRUPAL

ONE COMMAND INSTALLATION PROCESS
You don’t need to know about Drupal development to install Drupal. In fact, Contenta comes with a fantastic installer that requires minimal effort.
https://www.youtube.com/watch?v=MOQ0gd7uEWU

JSON API SERVER READY
When you install Contenta you get an API server out of the box. Create some content types and some content for them.

OAUTH2 AUTHENTICATION
OAuth2 is the most popular standard for authenticating your API requests. Using a standard means that you get integrations for free.

SIMPLIFIED BACKEND ADMIN
Since Contenta is focused on decoupled sites, you don’t need to worry about layouts, view modes, metatags, etc.
READY TO TRY DECOUPLED DRUPAL

Contenta coordinated with the Out of the Box Experience Initiative to implement the same experience with the different technologies that Drupal offers. It’s a website for a recipe magazine.

CONTENTA COMES WITH CONTENT
As part of the installation process Contenta will optionally install all the content types and content necessary to build the magazine application. Trying an API server without content is a real downer.

EVERYTHING READY FROM THE START
Install Contenta and make your API requests from the first moment. Even better! You can clone any of the demo consumers to have all the power of Decoupled Drupal in your hands. Now go and convince that CTO that decoupled Drupal is the way to go.

REVERT TO CLEAN STATE & START FRESH
Did you have enough playing with recipes? Maybe you made some changes you want to keep while evaluating? Remove all the demo content and the associated configuration in one click. Revert to a clean install!
Decoupled Drupal is comprised of several different parts, each one has different documentation coverage in different places. Many times the documentation is not even in Drupal.org but in YouTube, blog posts, etc. Contenta comes with a Knowledge Hub that curates a list of good resources.

When you install Contenta you will have access to the documentation hub, if you install the demo content. Since we believe in the open collaboration model, we opted for a list of pointers to collaborative documentation.

Do you know a resource that is useful for the general public? Suggest a new pointer for the next release of Contenta.

It’s a list built by the community
The focus of Contenta is to provide all the tools necessary to build a real application. Contenta is also good for building your pet project, but it really shines for ambitious digital experiences. It contains many features usually required, and since it's Drupal it gives you an incredible extensibility.
IT’S ALL ABOUT CONSUMERS

When building a decoupled project, Drupal is not the most complex part. There are many different front-end frameworks, and each of them has a set of best practices. Contenta aims to provide best practices when building front-end applications. Contenta comes with real applications not just simple TODO app.
Relational data model
Drupal is the best CMS in the world when you need to deal with structured content. This demo app shows off these capabilities.

Complex layouts
Your application will have complex layouts. That’s why we include some tricky elements. You can see how it works for the example!

Fast & customizable
One important part of the examples is to show you how to integrate with the Drupal backend. See how the example front-ends make their queries.
MEET OUR CONSUMER TEAM

IT’S ALL ABOUT THE PEOPLE BUILDING THE CONSUMERS
You can use the example consumers in several different ways. Creating a front-end project requires knowledge about many areas: redux, normalization, routing, tree shaking, server side rendering, component strategies, query aggregation, query parsing, etc.

By using the examples in the Contenta project you can get a significant jump start. Install it in your computer to explore it and adapt for your project’s needs.
THE CONTENTA EXPERIENCE

01 INSTALL CONTENTA
Use the quick installer to get it in your local, or follow the instructions in the repo to install it using composer.

02 PLAY WITH THE API
Start making HTTP requests to see the available data in the server. Try requesting /api first.

03 INSTALL A CONSUMER
Download your favorite consumer to your local and see it in action. Open up the code and get inspired for your own project.

04 EXPLORE THE DOCS
Chances are that if you need documentation you have a pointer to it in the Knowledge Hub.

05 REVERT CONTENTA
With one click, turn Contenta into a clean installation with all the tools you need for decoupled Drupal. All demo content and configuration, gone.

06 YOUR CONTENT MODEL
With a clean install add your content types and create your content. Install any Drupal modules you need.
GET INVOLVED

JOIN THE DISCUSSION IN SLACK
Join us in the #contenta Slack channel in the Drupal organization. Chat with more than 100 people about decoupled Drupal and the Contenta initiative. Or join just to read the conversations.

DECIDE WHERE TO CONTRIBUTE
If you are a Drupal themer, you can help. If you are a Drupal developer, you can help. If you write JS applications, you can help. If you like nodejs, you can help. If you don’t write code, you can help.

ASK FOR HELP
If you are stuck on a particular topic there is always someone that dealt with that in the channel. Ask for help even if you don’t know how to collaborate. Some of the best contributions started that way.

BE HEALTHY, DON’T BURN
We all need breaks, we all have important stuff to attend. You are a volunteer and we know that, we are too. Don’t get burnt out, enjoy the community and build cool stuff. Don’t feel pressure, there is none.
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<th>PLAN</th>
<th>JSON API Server</th>
<th>Open API documentation</th>
<th>OAuth2 Authentication</th>
<th>Revertible demo content</th>
<th>Knowledge Hub</th>
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THANK YOU!
Both Contenta and Reservoir are based on the same set of modules. When you revert Contenta to a clean state you get the same that Reservoir gives you, with two differences, a different user interface and extra features out of the box.

Contenta is planning to adopt part of Reservoir’s admin UI so we can both build upon the same component. Therefore the difference is reduced to what they consider baseline decoupled Drupal.

Reservoir’s approach is to give you a minimalistic set of features. For the Contenta team this minimum includes more things. Things like a media library, helper modules for front-end performance, tools to customize your API, implementation samples, content strategy tips, etc.

Hence once you are at stage 05, the only difference between Contenta and Reservoir is the level of features of what baseline decoupled Drupal means.

Reservoir is simple (but limited) and Contenta is powerful (but complex). Reservoir only supports Nodes, Node Types, Files & Users and that may be enough for you. If you need more, like Comments, Taxonomy, Paragraphs, etc. then Contenta is your choice.

“We are sad that Acquia released their own distribution to solve the same problem. But we are happy that the community has started to collaborate towards this goal. Future is still open.”

ACQUIA’S RESERVOIR CAN BE CONTENTA’S STAGE 5