

Drupal's Secret Weapon: Single Directory Components and Its Supporting Cast

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Single Directory Components: Creators



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Agenda

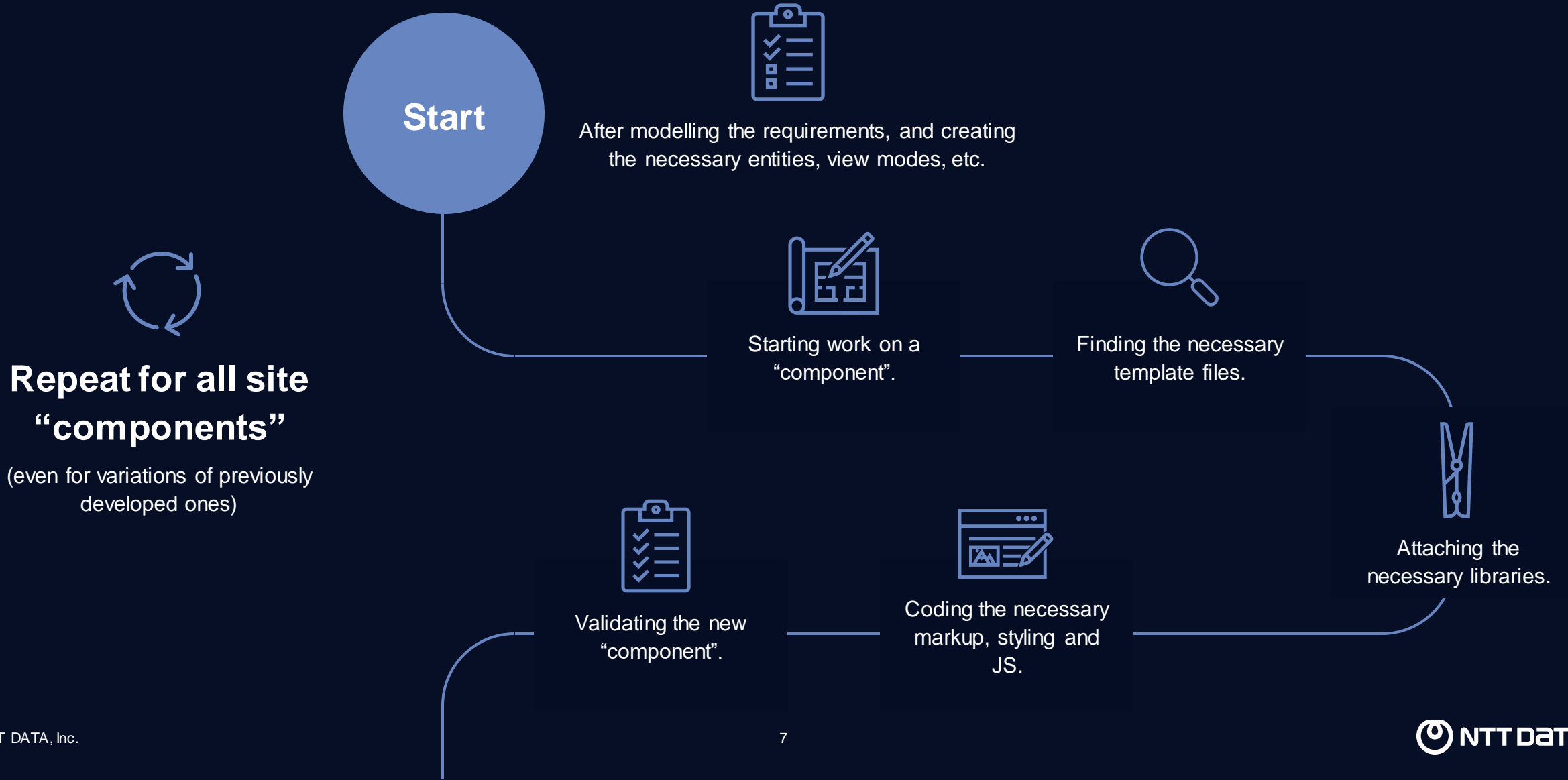
1. Journey & Obstacles of a Drupal Frontend Developer
2. Single Directory Components (SDC) solution overview
3. Common mistakes and best practices
4. The Power of Integration: SDC with Complementary Modules
5. Benefits of Using Complementary Modules with SDC
6. Future Perspectives: Predicting the Evolution and Impact of SDC in the Drupal Community

01

Journey & Obstacles of a Drupal Frontend Developer

- Developing a new “component”
- Debugging

Journey of a Drupal Frontend Developer



Journey of a Drupal Frontend Developer: Debugging



Obstacles: Developers with different backgrounds



Drupalisms

- Render pipelines
- Attaching libraries
- ...

Scattered files

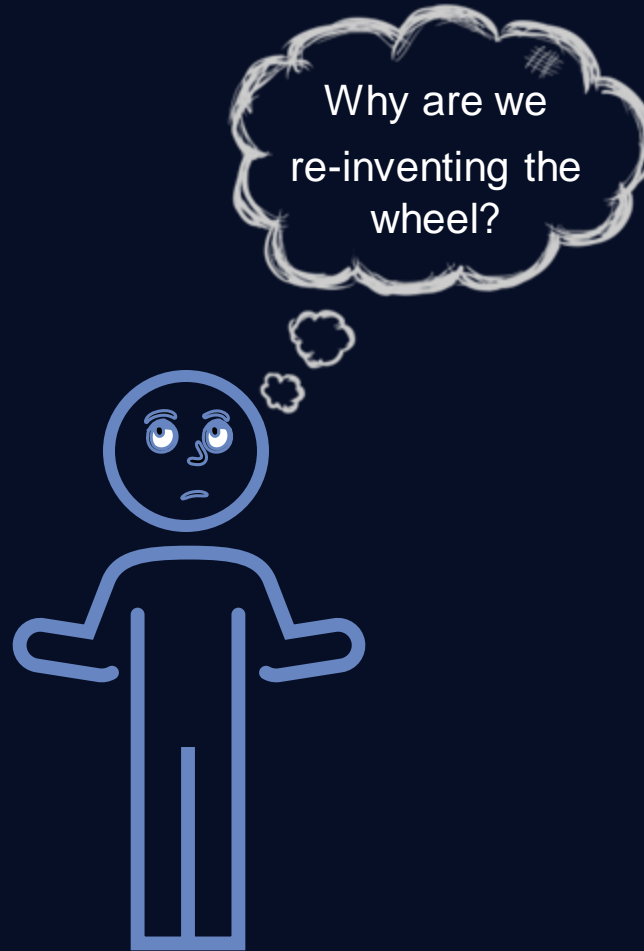
- Templates
- Styles
- Assets
- Modules

Obstacles: Developers with experience in Drupal



Repetition within the same project

- Same behavior referenced in different pages
- Make code general enough (could be heavy)
- Repeat code



Repetition across different projects

- Most projects will use similar behaviors:
 - Dropdowns
 - Carrousels/Sliders
 - Accordions, etc.

02

Single Directory Components: solution overview

- What is it?
- Why use it?
- Example implementation

Single Directory Components (SDC): What is it?

Module

- Module SDC now in core ≥ 10.1
- Allows the development of modular and reusable components

Primary goal

- “Simplify the front-end development workflow and improve the maintainability of custom, Core, and contrib themes.”



Philosophy

- Components are like building blocks with which we create web pages
- Components are typically made up of HTML, CSS, and JavaScript code
- Within SDC, all files necessary to render a component are grouped together in a single directory

Single Directory Components (SDC): Why use it?

Benefits



- Organization
- Automatic library creation
- Reusability
- Consistency
- Scalability
- Testing
- Collaboration



Other advantages

- Abstraction from Drupal specific theming concepts
- Any module and theme can provide components and can be overridden within your theme
- Available as an (experimental) module in Drupal core
- Components are plugins, automatically discovered by Drupal if placed within the correct directory



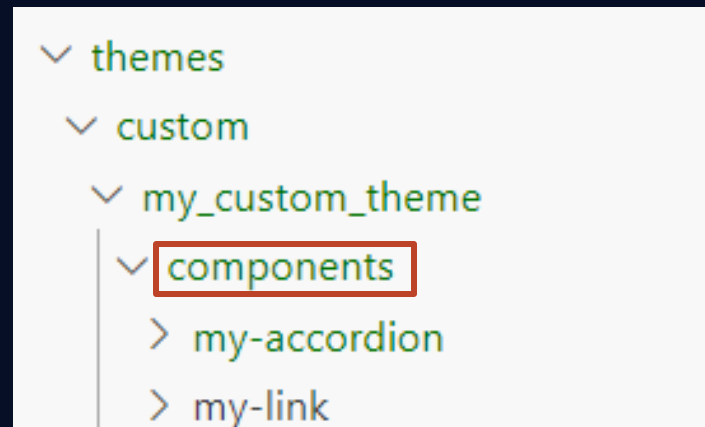
SDC: Example implementation

Before you start

- Make sure you are using Drupal 10.1 or greater
- Make sure you enable the Single Directory Components module
- You must have a theme or module in which to add components.
- If it is a theme, it must be installed

Established structure

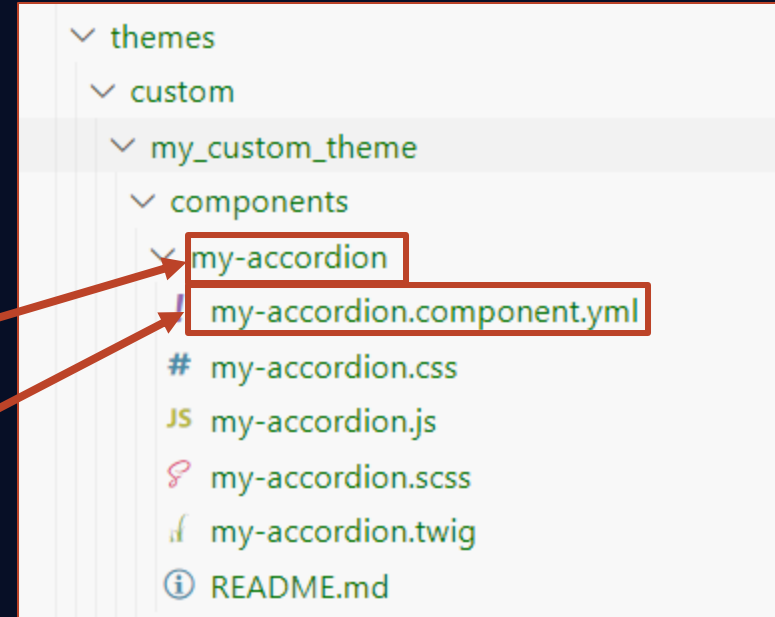
- Content type “Article” has a paragraph field
- Paragraph “Accordion” has two fields:
 - Title – plain text
 - Description – plain text (long)



SDC: Example implementation

Define the component

- Pick a name (it should be unique within the theme) – in this example we will be working with my-accordion
- Create the directory /my-accordion
- Create my-accordion.component.yml
- Populate the .component.yml file with metadata that describes the component



See the [annotated example component](#) for example metadata

SDC: Example implementation

my-accordion.component.yml keys (all optional):

- `$schema` – so the IDE knows about the syntax
- `name` – human readable name
- `status` – "experimental", "stable", "deprecated", "obsolete"
- `props` – allows for the use of variables whose type and structure is well defined
- `slots` – allow for the passing data with an unknown structure

```
! my-accordion.component.yml U X
web > themes > custom > my_custom_theme > components > my-accordion > ! my-accordion.component.yml
1 '$schema': 'https://git.drupalcode.org/project/drupal/-/raw/10.1.x/core/modules/sdc/src/metadata.schema.json'
2 name: My Accordion component
3 status: stable
4 description: This component produces an accordion with basic styles and JS.
5
6 props:
7   type: object
8   properties:
9     attributes:
10      type: Drupal\Core\Template\Attribute
11      title: Attributes
12     classes:
13      type: array
14     content:
15      type: object
```

SDC: Example implementation

Adding markup, styling and js files

- Create my-accordion.twig
- Create my-accordion.css
- Create my-accordion.js

```
if my-accordion.twig U X
web > themes > custom > my_custom_theme > components > my-accordion > if my-accordion.twig
1 <div{{ attributes.addClass(classes) }}>
2   {{ content|without('field_description') }}
3   <div class="container-description hidden">
4     {{ content.field_description }}
5   </div>
6 </div>
```

```
JS my-accordion.js U X
web > themes > custom > my_custom_theme > components > my-accordion > JS my-accordion.js > ...
1 (function ($, Drupal) {
2   'use strict';
3
4   Drupal.behaviors.accordion = {
5     attach: function (context, settings) {
6       $('<div> .paragraph--type--accordion .field--name-field-title').on( "click", function() {
7         $(this).siblings('.container-description').toggleClass('hidden');
8       });
9     }
10  }
11 })(jQuery, Drupal);
```

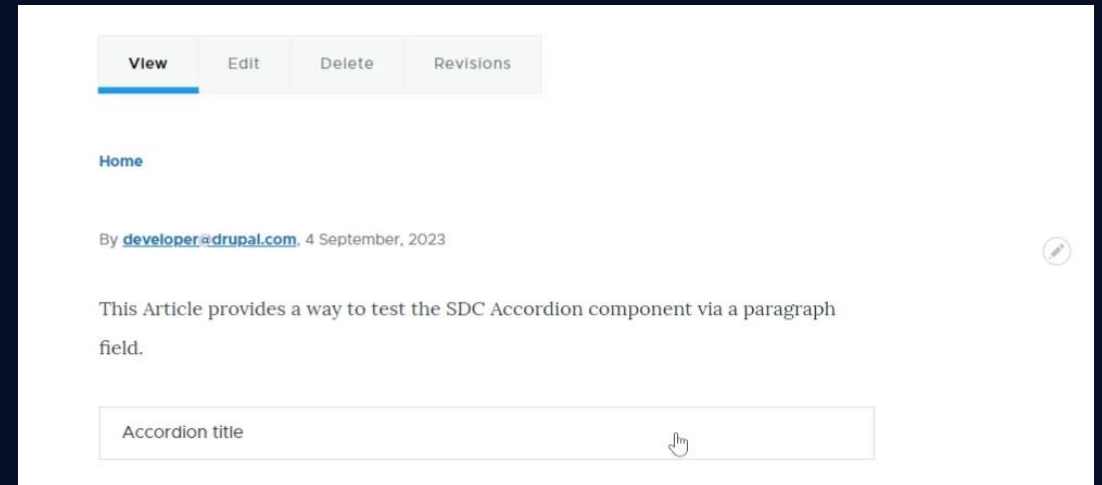
```
# my-accordion.css U X
web > themes > custom > my_custom_theme > components > my-accordion > # my-accordion.css > ...
1 .field--name-field-title,
2 .container-description {
3   width: 100%;
4   padding: 10px 20px 10px 20px;
5   border: 1px solid #gainsboro;
6 }
7
8 .field.field--name-field-title {
9   margin-block-end: 0 !important;
10 }
11 .field.field--name-field-title:hover {
12   cursor: pointer;
13 }
14
15 .container-description {
16   border-top: none;
17 }
18 .container-description.hidden {
19   display: none;
20 }
```

SDC: Example implementation

Include the component

- Within paragraph--accordion.html.twig, reference the newly created component, passing it the desired and/or necessary variables
- Clear the cache!
- Verify the results in an instance of “Article”

```
if paragraph--accordion.html.twig U x
web > themes > custom > my_custom_theme > templates > paragraphs > if paragraph--accordion.html.twig
39  */
40  #}
41  {%
42  set classes = [
43  'paragraph',
44  'paragraph--type--' ~ paragraph.bundle|clean_class,
45  view_mode ? 'paragraph--view-mode--' ~ view_mode|clean_class,
46  not paragraph.isPublished() ? 'paragraph--unpublished'
47  ]
48  %}
49  {% block paragraph %}
50
51  {{ include('my_custom_theme:my-accordion', { attributes: attributes, classes: classes,
52  content: content }, with_context = false) }}
53
54  {% endblock paragraph %}
```



SDC: Example implementation using slots

paragraph--accordion.html.twig:

```
if paragraph--accordion.html.twig U X
web > themes > custom > my_custom_theme > templates > paragraphs > if paragraph--accordion.html.twig
41 {%
42     set classes = [
43         'paragraph',
44         'paragraph--type--' ~ paragraph.bundle|clean_class,
45         view_mode ? 'paragraph--view-mode--' ~ view_mode|clean_class,
46         not paragraph.isPublished() ? 'paragraph--unpublished'
47     ]
48 }%
49 {% block paragraph %}
50
51 {% embed 'my_custom_theme:my-accordion' with {
52     attributes: attributes,
53     classes: classes,
54     content: content,
55     title: content.field_title
56 } only %}
57
58 {% block description %}
59     <span>{{ content.field_description }}</span>
60     <br>
61     <span>{{ 'Some extra info we want to send.'|t }}</span>
62 {% endblock %}
63
64 {% endembed %}
65
66 {% endblock paragraph %}
```

my-accordion.twig:

```
if my-accordion.twig U X
web > themes > custom > my_custom_theme > components > my-accordion > if my-accordion.twig
1 <div{{ attributes.addClass(classes) }}>
2     {{ title }}
3 <div class="container-description hidden">
4     {% block description %}{% endblock %}
5 </div>
6 </div>
```

SDC: Example implementation using slots

my-accordion.component.yml:

```
! my-accordion.component.yml U x
web > themes > custom > my_custom_theme > components > my-accordion > ! my-accordion.component.yml
1 '$schema': 'https://git.drupalcode.org/project/drupal/-/raw/10.1.x/core/modules/sdc/src/metadata.schema.json'
2 name: My Accordion component
3 status: stable
4 description: This component produces an accordion with basic styles and JS.
5
6 props:
7   type: object
8   properties:
9     attributes:
10      type: Drupal\Core\Template\Attribute
11      title: Attributes
12     classes:
13      type: array
14     content:
15      type: object
16     title:
17      type: string
18
19 slots:
20   description:
21     title: Accordion description
22     description: This is the description of the accordion component
```

SDC: Example implementation using slots

Results:

Home

By developer@drupal.com, 4 September, 2023

This Article provides a way to test the SDC Accordion component via a paragraph field.

Accordion title

Home

By developer@drupal.com, 4 September, 2023

This Article provides a way to test the SDC Accordion component via a paragraph field.

Accordion title

Accordion description - What is Lorem Ipsum?
Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

Some extra info we want to send.

SDC: Example implementation

Overall method

- Create the /components directory
- Create a directory for your component
- Include a .component.yml file
- Include whatever markup, styling and js files you might need
- Include your new component within a Drupal template (otherwise it does nothing)

03

Common mistakes and best practices

- Directory management
- Compiling the CSS
- Calling the component
- README file


Common mistakes: Directory management

Directories for each type of file

```

  themes
  custom
  my_custom_theme
  components
  my-accordion
  css
  # my-accordion.css
  js
  JS my-accordion.js
  scss
  ♀ my-accordion.scss
  ! my-accordion.component.yml
  ! my-accordion.twig
  ! README.md
  > my-link

```




All styling files within the component's main directory

```

  themes
  custom
  my_custom_theme
  components
  my-accordion
  ! my-accordion.component.yml
  # my-accordion.css
  JS my-accordion.js
  ♀ my-accordion.scss
  ! my-accordion.twig
  ! README.md
  > my-link

```

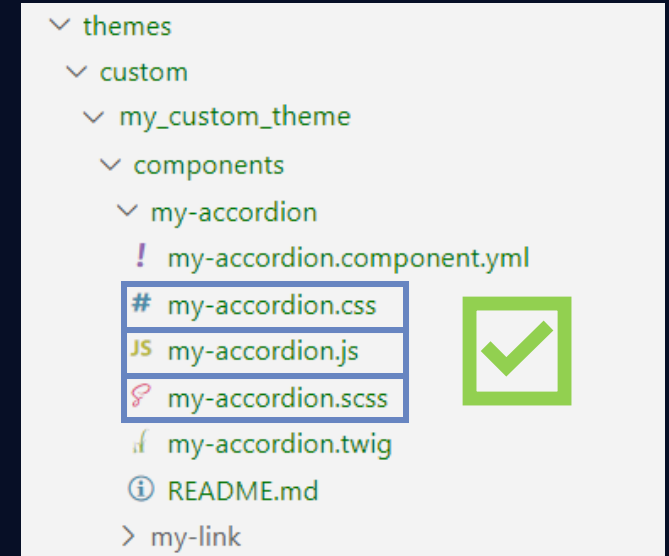


Common mistakes: Compiling the CSS



All styling files within the component's main directory

Because all files are placed within the same directory, remember that the CSS is now compiled within your component's directory!



```
/web/themes/custom/my_custom_theme/components/my-accordion$
```

```
sass --no-source-map --watch my-accordion.scss:my-accordion.css  
Sass is watching for changes. Press Ctrl-C to stop.
```

```
Compiled my-accordion.scss to my-accordion.css.
```

Common mistakes: Calling the component

Where did I go wrong?



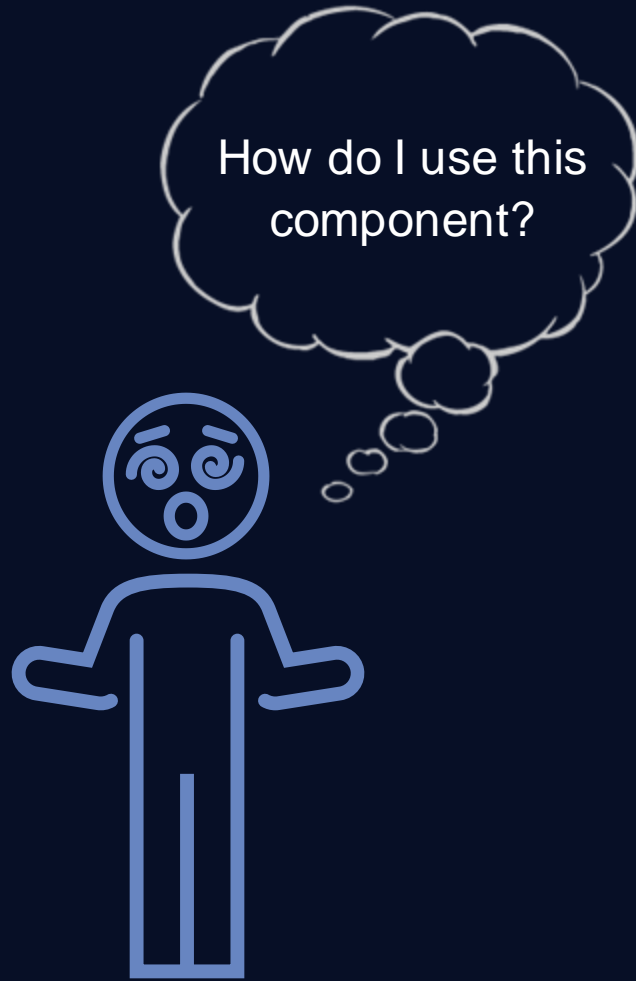
Your theme or module's machine name

Your component's machine name

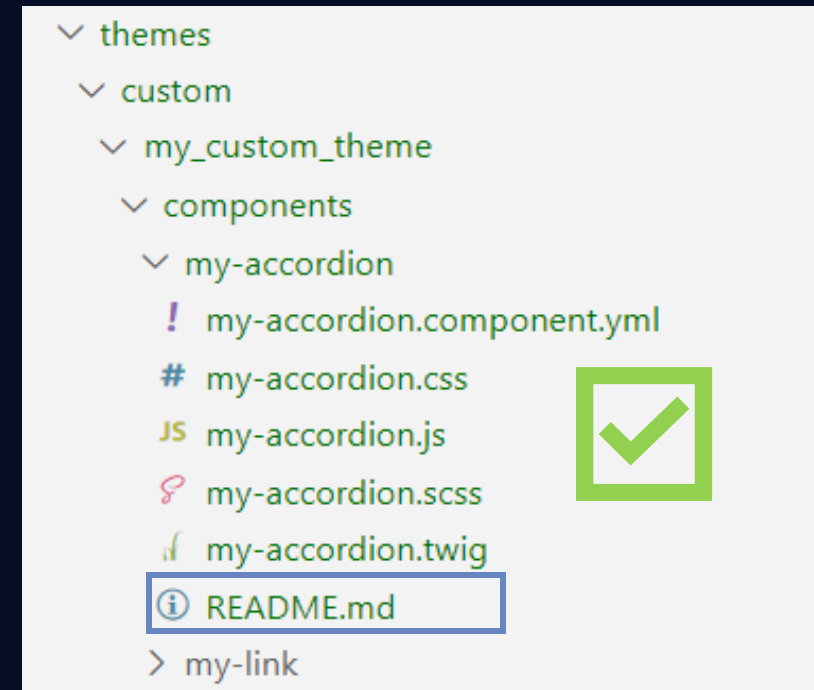
```
if paragraph--accordion.html.twig X
web > themes > custom > my_custom_theme > templates > paragraphs > if paragraph--accordion.html.twig
40 #}
41 {%
42   set classes = [
43     'paragraph',
44     'paragraph--type--' ~ paragraph.bundle|clean_class,
45     view_mode ? 'paragraph--view-mode--' ~ view_mode|clean_class,
46     not paragraph.isPublished() ? 'paragraph--unpublished'
47   ]
48 %}
49 {% block paragraph %}
50   {% embed 'my_custom_theme:my-accordion' with {
51     attributes,
52     classes,
53     content
54   } only %}
55   {% endembed %}
56 {% endblock paragraph %}
```



Best practices: README file



Documentation, documentation,
documentation!



04


The Power of Integration: SDC with Complementary Modules

- Exploring How Other Drupal Modules Can Complement the Functionality of SDC

SDC with Complementary Modules

How can we see the components made in Single Direct Components, and choose what to use?

Imagine that you create several components for your Drupal website using SDC, and you want to choose one component for a specific field/paragraph. How can you do this?



Montains Forest

Card title

2000-10-20

Jelly beans topping tootsie roll toffee tiramisu donut gingerbread cupcake bonbon. Chocolate cake liquorice carrot cake pastry lollipop lemon drops tootsie roll. Tart gingerbread toffee macaroon marshmallow soufflé icing carrot cake icing. Sugar plum candy tiramisu cake pastry shortbread. Jelly beans sweet cake fruitcake gummies gummies macaroon gummies. Bonbon jelly-o ice cream tootsie roll gummi bears tart toffee. Ice cream macaroon shortbread jujubes cake cupcake cake gummi bears. Biscuit jujubes dessert candy canes shortbread gummi bears bonbon jelly. Marshmallow gingerbread chocolate cake muffin wafer fruitcake cookie. Jelly soufflé topping brownie candy canes powder tootsie roll. Macaroon pie tootsie roll bear claw marshmallow dessert icing jelly cupcake. Bear claw lollipop soufflé jelly-o candy chocolate cake gummies shortbread. Pie marshmallow gummies cookie donut. Candy canes muffin jelly beans sweet roll jelly cake jelly beans marshmallow sesame snaps.

See more

SDC with Complementary Modules



Mateu Aguiló
Bosch (e0ipso)

Single Directory Components: Display

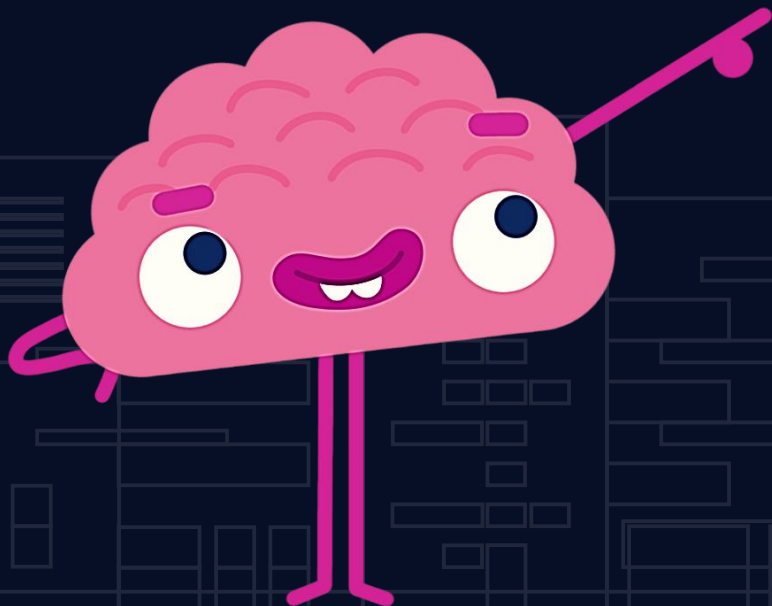
[View](#) [Version control](#)

This module allows site builders to leverage the components available in the site inside the *Manage Display* tabs of your entities. With SDC Display you will be able to configure what **component** an individual **field** uses, or what component a given **view mode** uses.

? Did you know?

You can map the rendered value of a field to a component at 3 different levels:

1. At the field level.
2. At the field group level, using the [Field Group module](#).
3. At the entity level.



https://www.drupal.org/project/sdc_display
<https://video.mateuaguilo.com/w/sC5nv52GLQrPHYcjBUvEeN>

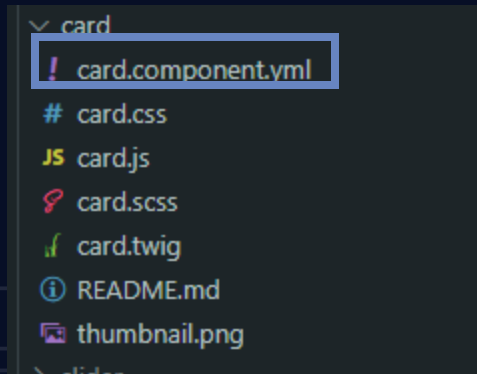
SDC with Complementary Modules

How can we use `sdc_display`?

After install, the module.

We need to create the fields that our component need.

To see the fields we go to the file `card.component.yml`



```
'$schema': 'https://git.drupalcode.org/project/drupal/-/raw/10.0.0/.../card.component.yml'
name: Card
status: stable
description: This is the Card component.
props:
  type: object
  properties:
    text:
      type: string
      title: Text
      description: The text for the card component
      examples:
        - Submit
    content:
      type: string
      title: Content
    image:
      title: Media Image
      description: The image for the component.
      type: string
    imageposition:
      type: string
      title: Image Position
      description: The image position.
    topics:
      type: string
      title: Topics
    date:
      type: string
      title: Date
    links:
      type: string
      title: Links
```

After create the fields we need to make a question.

We know that the `component card` is a component, but inside of this component.

What these fields can be a component too?


SDC with Complementary Modules

What is a component?

A component is an element that we want to reuse throughout the site.

1. Card
2. Tag
3. Heading
4. Button

1.



2. **Tag**

2. **Tag - tertiary**

3. **Heading**

2000-10-20

Jelly beans topping tootsie roll toffee tiramisu donut gingerbread cupcake bonbon. Chocolate cake liquorice carrot cake pastry lollipop lemon drops tootsie roll. Tart gingerbread toffee macaroon marshmallow soufflé icing carrot cake icing. Sugar plum candy tiramisu cake pastry shortbread. Jelly beans sweet cake fruitcake gummies gummies macaroon gummies. Bonbon jelly-o ice cream tootsie roll gummi bears tart toffee. Ice cream macaroon shortbread jujubes cake cupcake cake gummi bears. Biscuit jujubes dessert candy canes shortbread gummi bears bonbon jelly. Marshmallow gingerbread chocolate cake muffin wafer fruitcake cookie. Jelly soufflé topping brownie candy canes powder tootsie roll. Macaroon pie tootsie roll bear claw marshmallow dessert icing jelly cupcake. Bear claw lollipop soufflé jelly-o candy chocolate cake gummies shortbread. Pie marshmallow gummies cookie donut. Candy canes muffin jelly beans sweet roll jelly cake jelly beans marshmallow sesame snaps.

4. **Button – primary**

See more

SDC with Complementary Modules

Choose component and mapping the fields on manage display

The screenshot shows the 'Manage display' interface for a content type. The breadcrumb trail is: Home / Administration / Structure / Paragraphs Types / Edit / Manage Display. The main title is 'Manage display'. There are four tabs: 'Edit', 'Manage fields', 'Manage form display', and 'Manage display' (which is active). A '+ Add field group' button is at the top left. Below is a table with columns 'Field', 'Label', and 'Format'. The table contains several rows for different fields, each with a 'Label' dropdown (all set to '- Hidden -') and a 'Format' dropdown. To the right of each row is a description of the field's rendering. At the bottom, there are sections for 'Disabled' (with a 'Search result excerpt' field), 'Custom display settings', and 'Single directory components options'. A 'Save' button is at the very bottom.

Field	Label	Format	
+ Title	- Hidden -	Plain text	This field renders using the <i>Heading</i> component. The field contents displays in the <i>text</i> prop.
+ Topics	- Hidden -	Label	Link to the referenced entity This field renders using the <i>Tag</i> component. The field contents displays in the <i>text</i> prop.
+ Image position	- Hidden -	Default	
+ Campaign image	- Hidden -	Thumbnail	Image style: Campaign(560x520) Image loading: lazy
+ Date	- Hidden -	Default	Format: 2024-04-29 This field renders using the <i>Tag</i> component. The field contents displays in the <i>text</i> prop.
+ Content	- Hidden -	Plain text	
+ Link	- Hidden -	Link	Link text trimmed to 80 characters This field renders using the <i>Button</i> component. The field contents displays in the <i>text</i> prop.
Disabled			
+ Search result excerpt			
▼ Custom display settings			
▼ Single directory components options			
Save			

SDC with Complementary Modules

Single directory components options

Render using a component

Enable this to render this view mode using a component. All individual fields will be rendered as usual, but...

Component

Select the component you want to use to render this view mode.

frontend_theme:card

Start typing to search for a component.

Show deprecated components

Card component

Card

This is the Card component.

[More information about Card](#)

Component Prop/Slot Mapping

Only fields enabled in the previous table will be allowed in the mappings below. If you are missing a field, make sure to place it outside of the Disabled section.

Props

Select, at most, one field per prop. When rendering the entity, the contents of the field will be passed to the prop.

Text

- Not mapped - Card image Content Date Image position Link Title Topics

The text for the campaign component

Content

- Not mapped - Card image Content Date Image position Link Title Topics

The image for the component.

Media Image

- Not mapped - Card image Content Date Image position Link Title Topics

The image position.

Image Position

- Not mapped - Card image Content Date Image position Link Title Topics

The image position.

Topics

- Not mapped - Card image Content Date Image position Link Title Topics

Date

- Not mapped - Card image Content Date Image position Link Title Topics

Links

- Not mapped - Card image Content Date Image position Link Title Topics

SDC with Complementary Modules

Render field as a component

Home / Administration / Structure / Paragraphs Types / Edit / Manage Display

Manage display

Edit Manage fields Manage form display **Manage display**

+ Add field group

Field	Label	Format	
+ Title	- Hidden -	Plain text	This field renders using the <i>Heading</i> component. The field contents displays in the <i>text</i> prop.
+ Topics	- Hidden -	Label	Link to the referenced entity This field renders using the <i>Tag</i> component. The field contents displays in the <i>text</i> prop.
+ Image position	- Hidden -	Default	
+ Campaign image	- Hidden -	Thumbnail	Image style: Campaign(560x520) Image loading: lazy
+ Date	- Hidden -	Default	Format: 2024-04-29 This field renders using the <i>Tag</i> component. The field contents displays in the <i>text</i> prop.
+ Content	- Hidden -	Plain text	
+ Link	- Hidden -	Link	Link text trimmed to 80 characters This field renders using the <i>Button</i> component. The field contents displays in the <i>text</i> prop.
Disabled			
+ Search result excerpt			
▼ Custom display settings			
▼ Single directory components options			

Save

SDC with Complementary Modules

Render field as a component

This is another link

Button - *primary*

This is another link

Button - *secondary*

This is another link

Button - *Tertiary*

Single directory components options

Render using a component
Enable this to render the field using a component. The field will render as usual, then the result will be passed to a component.

Component
Select the component to render the field.

frontend_theme:button x

Start typing to search for a component.

Show deprecated components

COMPONENT
Button
NTT DATA
All Components
Button
Button component.

i More information about Button

Fixed Values
Add static mappings to all other props & slots in the component that are not populated by the field value.
IMPORTANT: required values need to be populated, even if they are mapped to the field value. This mapping will be used in case the field value is empty.

Title *
Link
The title for the button

Button Type
 Primary
 Secondary
 Tertiary

SDC with Complementary Modules

Options for component

```
You, 1 second ago | 1 author (You)
1  {% if iconType %}
2  <button {{ attributes.addClass(['button', buttonType|default('primary')]) }}>
3  |   {{ text }}
4  </button>
5  {% else %}
6  <button {{ attributes.addClass(['button', buttonType|default('primary')]) }}>
7  |   {{ text }}
8  </button>
9  {% endif %}
```

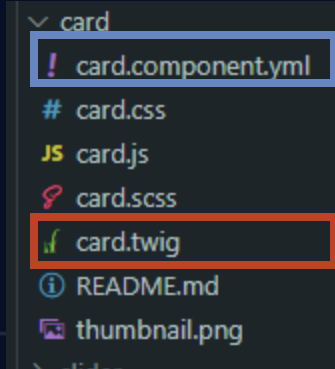
button.twig

```
web / themes / custom / nttdata_theme / components / 01-atoms / button / ? button.component.yml
...
1  $schema: https://git.drupalcode.org/project/drupal/-/raw/10.1.x/core/modules/sdc/src/metadata.schema.json
2  name: Button
3  description: Button component.
4  libraryOverrides:
5  |   dependencies:
6  |     - core/once
7  props:
8  |   type: object
9  |   required:
10 |     - text
11 |   properties:
12 |     text:
13 |       type: string
14 |       title: Title
15 |       description: The title for the button
16 |       examples:
17 |         - Submit
18 |
19 |   buttonType:
20 |     type: string
21 |     title: Button Type
22 |     enum:
23 |       - primary
24 |       - secondary
25 |       - tertiary
```

button.component.yml

SDC with Complementary Modules

Notes



```
25
26 <div {{ attributes.addClass(['card']) }}>
27   <div class="container">
28     <div class="card_wrapper" {{ imagepositon|striptags|lower }}>
29       {% if image is not empty %}
30         <div class="campaign_image">
31           {{ image }}
32         </div>
33       {% endif %}
34     <div class="card_inner-wrapper">
35       <div class="card_inner">
36         {% if topics %}
37           <div class="campaign_topics">
38             {{ topics }}
39           </div>
40         {% endif %}
41         {% if text is not empty %}
42           {{ text }}
43         {% endif %}
44         {% if date is not empty %}
45           {{ date }}
46         {% endif %}
47         {% if content is not empty %}
48           <div class="card_content">
49             {{ content }}
50           </div>
51         {% endif %}
52         {% if links is not empty %}
53           <div class="card_links">
54             {{ links }}
55           </div>
56         {% endif %}
57       </div>
58     </div>
59 </div>
```

```
'$schema': 'https://git.drupalcode.org/project/drupal/-/raw/10.
name: Card
status: stable
description: This is the Card component.
props:
  type: object
  properties:
    text:
      type: string
      title: Text
      description: The text for the card component
      examples:
        - Submit
    content:
      type: string
      title: Content
    image:
      title: Media Image
      description: The image for the component.
      type: string
    imagepositon:
      type: string
      title: Image Position
      description: The image position.
    topics:
      type: string
      title: Topics
    date:
      type: string
      title: Date
    links:
      type: string
      title: Links
```

05

Benefits of Using Complementary Modules with SDC

- Integrating additional modules with SDC opens doors to a world of possibilities.
- Save time, improve collaboration, and ensure compliance with accessibility standards, all while delivering richer frontend experience.

Benefits of Using Complementary Modules with SDC



What are the benefits of using `sdc_display`?

Performance Optimization



"It's like giving your site a turbo boost!"

Easy to maintain and build



"Making frontend work so easy, even your grandma could do it!"

Save time and costs



Because who doesn't love a superhero on a budget?

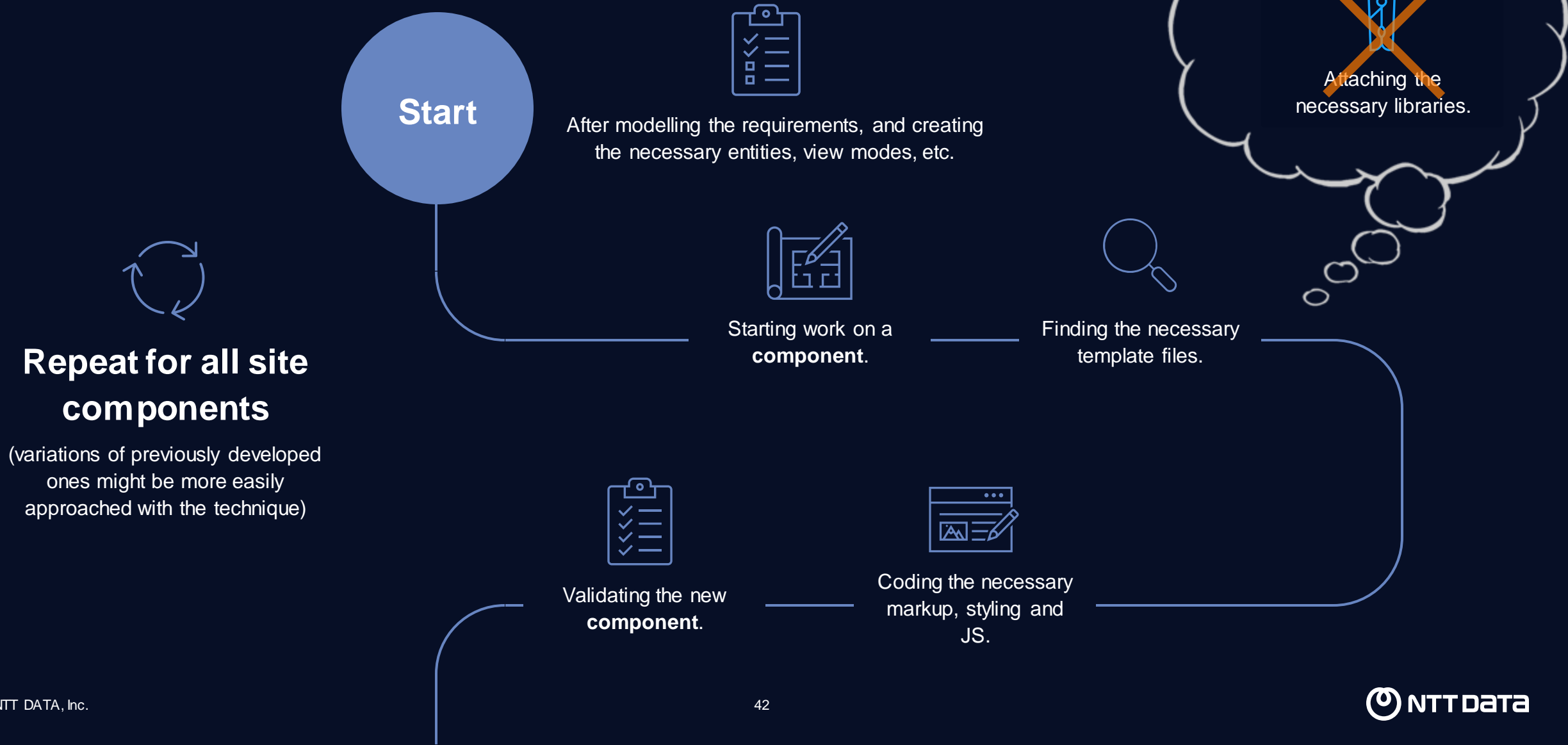
In the Drupal universe, our toolkit isn't just a spaceship; we're the quirky engineers, zapping time-wasting aliens, turbo-charging website warp drives, and turning complicated code into a walk in the park! All while saving time, costs, and our sanity!

06

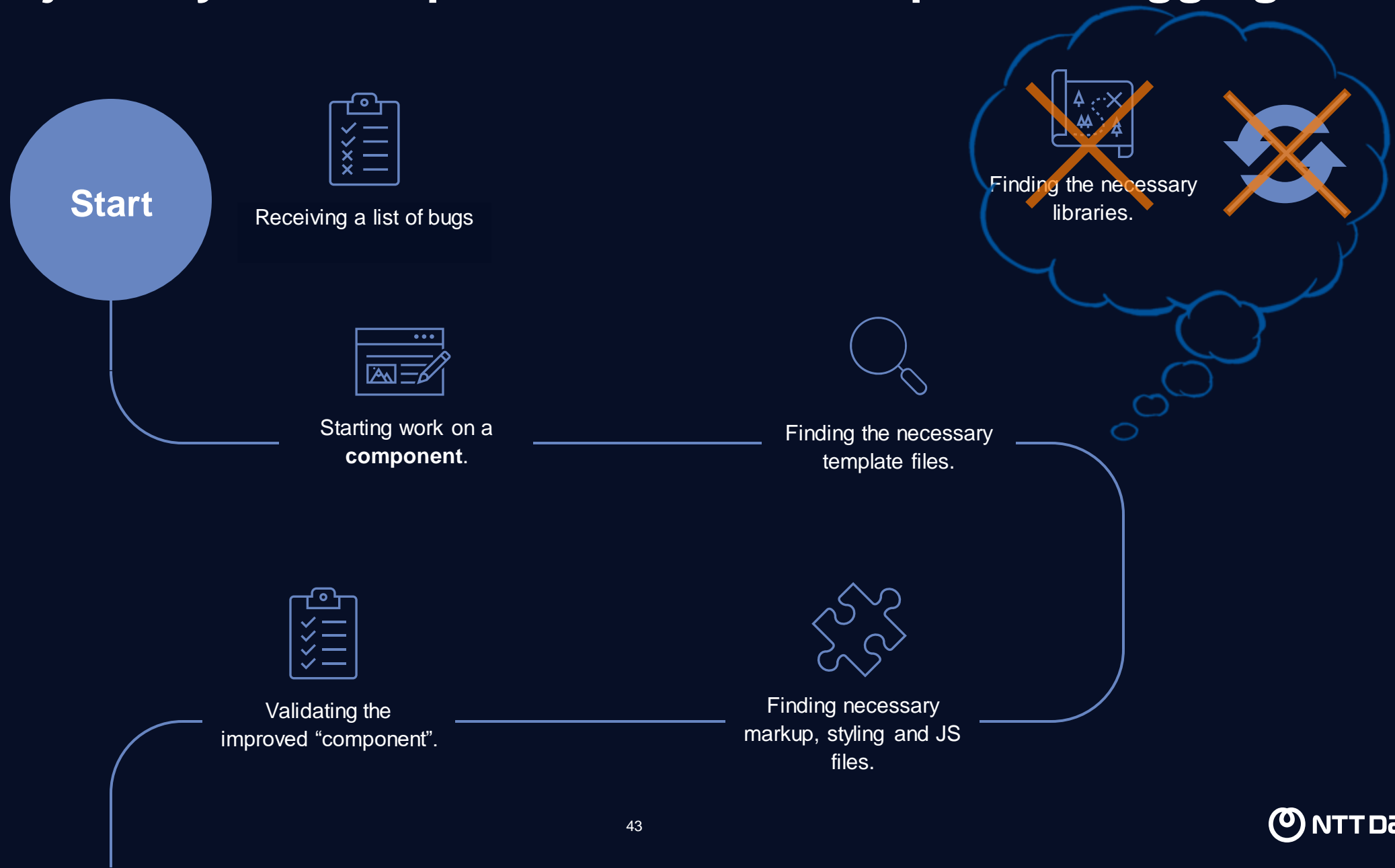
Future Perspectives: Predicting the Evolution and Impact of SDC in the Drupal Community

- Updated journey of a Drupal Frontend Developer
- What SDC doesn't solve
- Developers with different backgrounds
- Developers with experience in Drupal
- Companies and clients
- Drupal community

Updated journey of a Drupal Frontend Developer



Updated journey of a Drupal Frontend Developer: Debugging



What SDC doesn't solve



Impact: Developers with different backgrounds



- Can focus on developing modular components
- Don't have to worry about the Drupalisms
- Can focus on providing new functionality
- Don't have to worry about where the components will be rendered
- Files for the component are all together



Impact: Developers with experience in Drupal



- Can focus on using (and reusing) the developed components across multiple templates – render the components where necessary
- Can collaborate on components across different projects
- Can focus on integrating different components
- Easier debugging experience (files for the component are all together)



Impact: Companies and clients

Companies: next steps

- Building up a library of common components which can be reused across projects

Companies: benefits

- Working from a library of components => project accelerators
- Easier to maintain code quality across projects

Clients: benefits

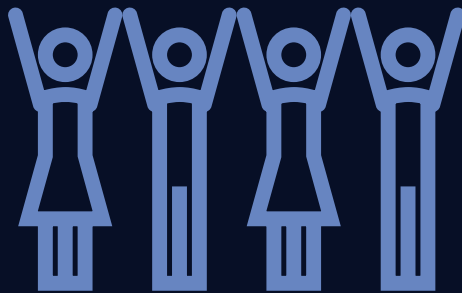
- Working from a library of components => faster time to Go Live
- Potential for less repeated code and less general code => faster websites



Impact: Drupal Community

SDC in Drupal core ≥ 10.1

- Is now Included in core
 - Possibility to create a community-based library of components
 - Components can be overridden in themes
- => Contrib themes could start implementing their own components which could be overridden in custom themes that extend them



SDC Display is a contrib module

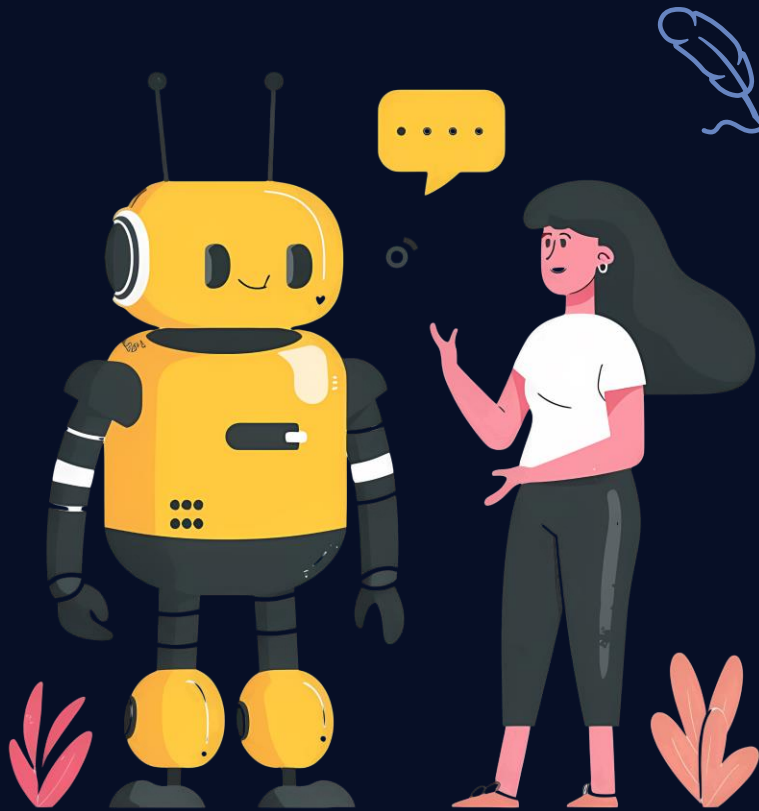
Works with Drupal ≥ 10.1

The community can start using the module and providing feedback => improvements

- Module is now on 1.0.0-beta5 released *20 March 2024*



SDC: Next steps



- Possible News integration with SDC
- Community contributions
- Focus on documentation
- Define best practices
- Questions still to answer (The last update was in April this year)

What if I have a component that only has different styles?

TBD

Will SDC support variants?

TBD

Does SDC make embedding a JavaScript app easier?

TBD

Can I use my React components within SDC?

TBD

SDC: Learn more

- Project on Drupal.org - <https://www.drupal.org/project/sdc>
- Drupal.org SDC development info - <https://www.drupal.org/docs/develop/theming-drupal/using-single-directory-components/about-single-directory-components>
- Lullabot article - <https://www.lullabot.com/articles/getting-single-directory-components-drupal-core>
- Herchel article - <https://herchel.com/articles/creating-your-first-single-directory-component-within-drupal>
- Specbee article - <https://www.specbee.com/blogs/component-based-theming-with-drupal-single-directory-component>
- Axelerant article - <https://www.axelerant.com/blog/single-directory-components-in-drupal>
- Drupal: Converting a component to Single Directory Components (SDC) [Youtube] - https://youtu.be/DbpZOhiq_Ho?feature=shared
- Single Direct Components Display - https://www.drupal.org/project/sdc_display
- Components as Site Building Tools - <https://video.mateuaguilo.com/w/sC5nv52GLQrPHYcjBUvEeN>

New era of Drupal Front-end Design

Thanks

