



Daniel Sanz – Pablo Agulla

Bringing low-code to the Frontend Dataset: the Dataset View Management App

Welcome, Josiah
Here's what's happening in your Cake account today.

Portfolio Value (Last 30 Days)

413K

Available Revenue

70% Unavailable

30% Available | 70% Unavailable

Revenue (All Transaction | Last 30 Days)


Date	ID	Value	Status	Description
Jan 25th, 2020	#462980	\$95,550	Available	Personal Payment
Jan 24th, 2020	#462979	\$120,000	Available	Web Bill Payment - MASTERCARD
Jan 24th, 2020	#462967	\$21,000	Available	Paypal Deposit - HOTEL
Jan 22th, 2020	#462944	\$120,000	Available	Fees - Monthly
Jan 19th, 2020	#462923	\$10,000	Available	ATM Withdrawal - INTERAC
Jan 18th, 2020	#462912	\$70,400	Available	Pre-Auth. Payment - INSURANCE

Search



Label	Scope	System	Modified Date	Status	
Postal Address	company	Yes	May 3, 2023, 10:18:39 AM	APPROVED	
Account	company	Yes	May 3, 2023, 10:18:39 AM	APPROVED	
User	company	Yes	May 3, 2023, 10:18:40 AM	APPROVED	
Commerce Product Group	company	Yes	May 3, 2023, 10:18:40 AM	APPROVED	
Commerce Order	company	Yes	May 3, 2023, 10:18:40 AM	APPROVED	
Commerce Product	company	Yes	May 3, 2023, 10:18:40 AM	APPROVED	
FDS Entry	company	No	May 3, 2023, 10:33:01 AM	APPROVED	
FDS View	company	No	May 3, 2023, 10:33:05 AM	APPROVED	
FDS Field	company	No	May 3, 2023, 10:33:08 AM	APPROVED	
university	company	No	May 3, 2023, 10:53:04 AM	APPROVED	
APIApplicationDefinition	company	No	May 4, 2023, 12:52:26 PM	APPROVED	

20 Items ▾ Showing 1 to 11 of 11 entries.

 1 



Search

All SKUs

Label

Filter

Search



Postal Address

Account

User

Commerce Product Group

Commerce Order

Commerce Product

FDS Entry

FDS View

FDS Field

university

APIApplicationDefinition

20 Items ▾ Showing 1 to 11 of 11 entries

<input type="checkbox"/>	Image	Name ↑↓	Catalog	Type	Status	Modified Date ↑↓	▼
<input type="checkbox"/>		ABS Sensor	dashboards	Simple	APPROVED	May 8, 2023, 4:04:15 PM	⋮
<input type="checkbox"/>		Brake Fluid	dashboards	Simple	APPROVED	May 8, 2023, 4:04:16 PM	⋮
<input type="checkbox"/>		Premium Brake Fluid	dashboards	Simple	APPROVED	May 8, 2023, 4:04:17 PM	⋮
<input type="checkbox"/>		Wear Sensors	dashboards	Simple	APPROVED	May 8, 2023, 4:04:17 PM	⋮
<input type="checkbox"/>		Brake Pads	dashboards	Simple	APPROVED	May 8, 2023, 4:04:17 PM	⋮
<input type="checkbox"/>		Premium Brake Pads	dashboards	Simple	APPROVED	May 8, 2023, 4:04:18 PM	⋮
<input type="checkbox"/>		Brake Rotors	dashboards	Simple	APPROVED	May 8, 2023, 4:04:18 PM	⋮
<input type="checkbox"/>		Calipers	dashboards	Simple	APPROVED	May 8, 2023, 4:04:18 PM	⋮

Routines



Columns ▾

Page 1 of 4 ▾

20 Items per Page ▾

Showing 1 - 20 of 63 results.

← First

Previous

Next

Last →

ROUTINE	EXECUTION DATE	FAILED	BLOCKED	TEST FIX	METRICS
App Release Tester		0	0	0	
CE Development (7.4.x)		0	0	0	
CE Development (master)		0	0	0	
CE Development Acceptance (7.4.x)		0	0	0	
CE Development Acceptance (master)	2 months ago	173	0	0	
CE Package Tester	a year ago	753	70	135	
CE Pull Request		0	0	0	
CI Testing		0	0	0	
EE Development (7.4.x)		0	0	0	

+ Add Widget

Shipment [View All](#)

Shipment No.	HBL No.	Tracking	Shipper	Status	From	To	Type	
5000304105	PCCOC19100005	1Z93Y05A9097669109	Shipper Name	PENDING	ATL	SJC	AF	★ 🗨️
5000304104	PCCOC19100004	1Z93Y05A9097669108	Shipper Name	IN PROGRESS	ATL	TYO	OFF	🗨️
5000304103	PCCOC19100003	1Z93Y05A9097669107	Shipper Name	CANCELLED	ATL	SJC	AF	★ 🗨️
5000304102	PCCOC19100002	1Z93Y05A9097669106	Shipper Name	DRAFT	TYO	ATL	OFF	🗨️
5000304101	PCCOC19100001	1Z93Y05A9097669105	Shipper Name	ACCEPTED	SJC	SFO	AF	🗨️

Booking [View All](#)

Booking No.	HBL No.	Shipper	Type
5000304120	PCCOC19100020	Shipper Name	AF
5000304119	PCCOC19100019	Shipper Name	AF
5000304118	PCCOC19100018	Shipper Name	OFF
5000304117	PCCOC19100017	Shipper Name	OFF
5000304116	PCCOC19100016	Shipper Name	AF

To Do [View All](#)

May 6, 2021	Aenean congue diam tortor, eget mollis leo eleifend.	✕ ✓
May 6, 2021	Aenean congue diam tortor, eget mollis leo eleifend.	View
May 6, 2021	Aenean congue diam tortor, eget mollis leo eleifend.	✕ ✓
May 6, 2021	Aenean congue diam tortor, eget mollis leo eleifend.	View

Bookmarked Shipments [View All](#)

Bookmark No.	Type	POL	POD
0001	AF	ATL	SJC
0002	OFF	SJC	TYO
0003	OFF	ATL	TYO
0004	AF	ATL	SJC
0005	AF	TYO	SJC

Messages [View All](#)

Shipment	Sender	Date
#5000304105	David Lee	01/09/20022
#5000304104	Peter Tsannng	01/09/20022
#5000304105	David Lee	01/09/20022
#5000304103	Shipper Name	01/09/20022
#5000304103	Shipper Name	01/09/20022



Shipment

Export CSV

Share

Filters

Clear All

Search

Filter By

Clear

All

Cylinders

BBQs

Port Of Loading

Select

Port Of Discharge

Select

Creation Date

YYYY-MM-DD



Estimate Departure Date Range

YYYY-MM-DD ~ YYYY-MM-DD



Estimate Alival Date Range

YYYY-MM-DD ~ YYYY-MM-DD



Shipper

Input text

Consignee

Input text

Nortify Party

Input text

Search

10 Entries Showing 1 to 10 of 95 entries.

< 1 2 3 ... 5 >

<input type="checkbox"/>	Shipment No.	HBL No.	Tracking	Status	From	To	Type	
<input type="checkbox"/>	<input checked="" type="radio"/> 5000304105	PCCOC19100005	1Z93Y05A9097669109	PENDING	ATL	SJC	AF	
<input type="checkbox"/>	5000304104	PCCOC19100004	1Z93Y05A9097669108	IN PROGRESS	ATL	TYO	OFF	
<input type="checkbox"/>	5000304103	PCCOC19100003	1Z93Y05A9097669107	CANCELED	ATL	SJC	AF	
<input type="checkbox"/>	5000304102	PCCOC19100002	1Z93Y05A9097669106	DRAFT	TYO	ATL	OFF	
<input type="checkbox"/>	5000304101	PCCOC19100001	1Z93Y05A9097669105	ACCEPTED	SJC	SFO	AF	
<input type="checkbox"/>	5000304100	PCCOC19100000	1Z93Y05A9097669104	CANCELED	ATL	SJC	OFF	
<input type="checkbox"/>	5000304099	PCCOC19099999	1Z93Y05A9097669103	IN PROGRESS	ATL	TYO	AF	
<input type="checkbox"/>	5000304098	PCCOC19099998	1Z93Y05A9097669102	IN PROGRESS	ATL	TYO	AF	
<input type="checkbox"/>	5000304097	PCCOC19099997	1Z93Y05A9097669101	IN PROGRESS	ATL	TYO	OFF	
<input type="checkbox"/>	5000304096	PCCOC19099996	1Z93Y05A9097669100	CANCELED	ATL	SJC	AF	

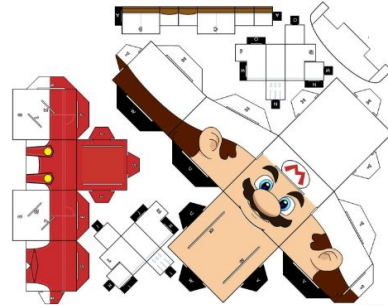
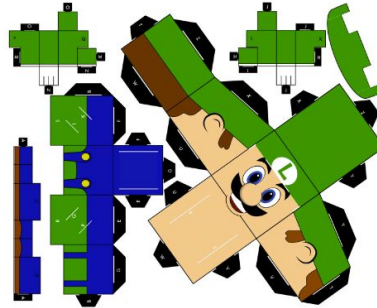
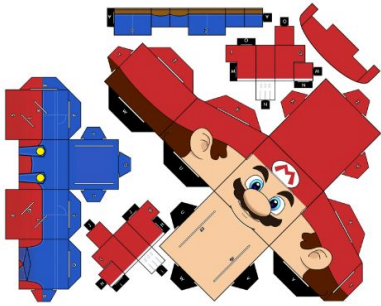
10 Entries Showing 1 to 10 of 95 entries.

< 1 2 3 ... 5 >



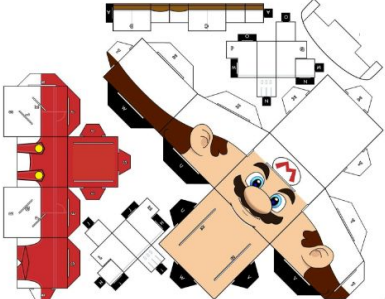
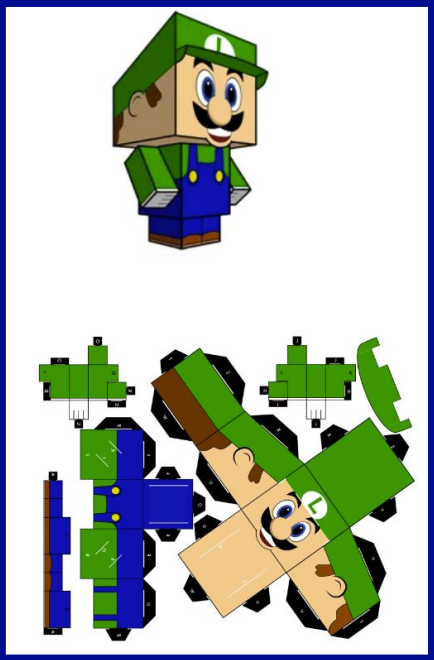
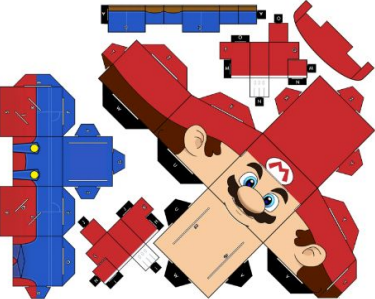
Liferay options

Out-of-the-box

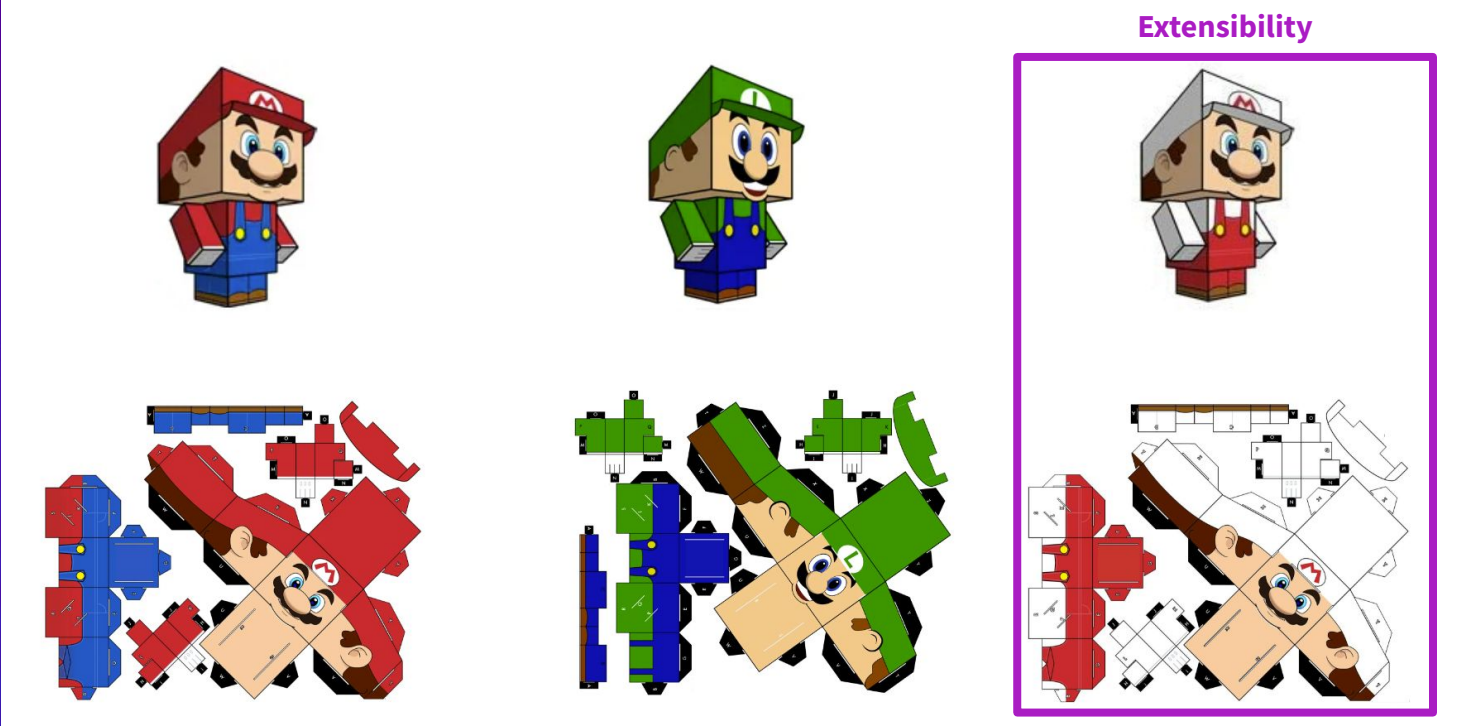


Liferay options

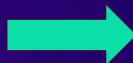
Customization



Liferay options



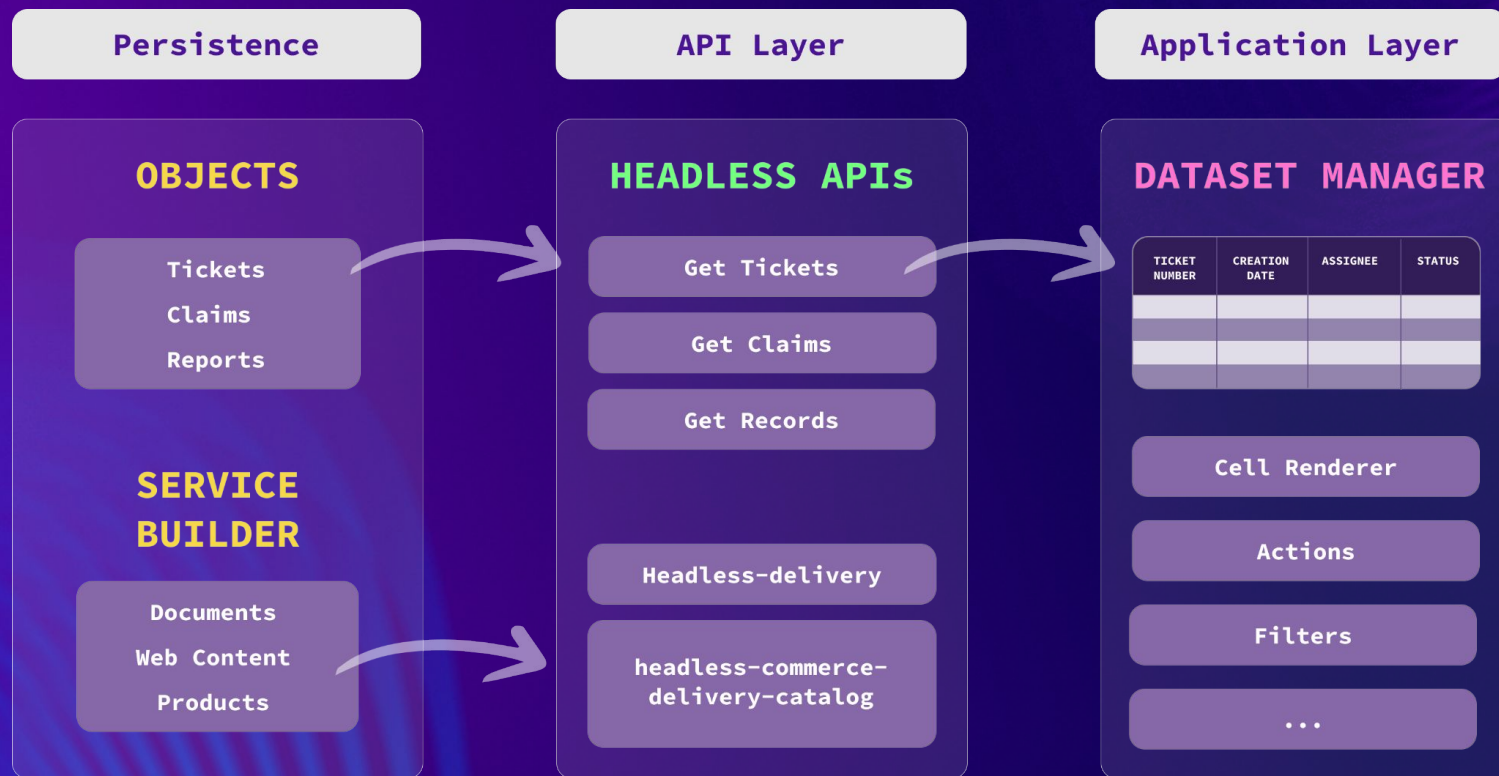
Dataset Manager



 Liferay® **DEVCON**

Low code strategy

Low code strategy

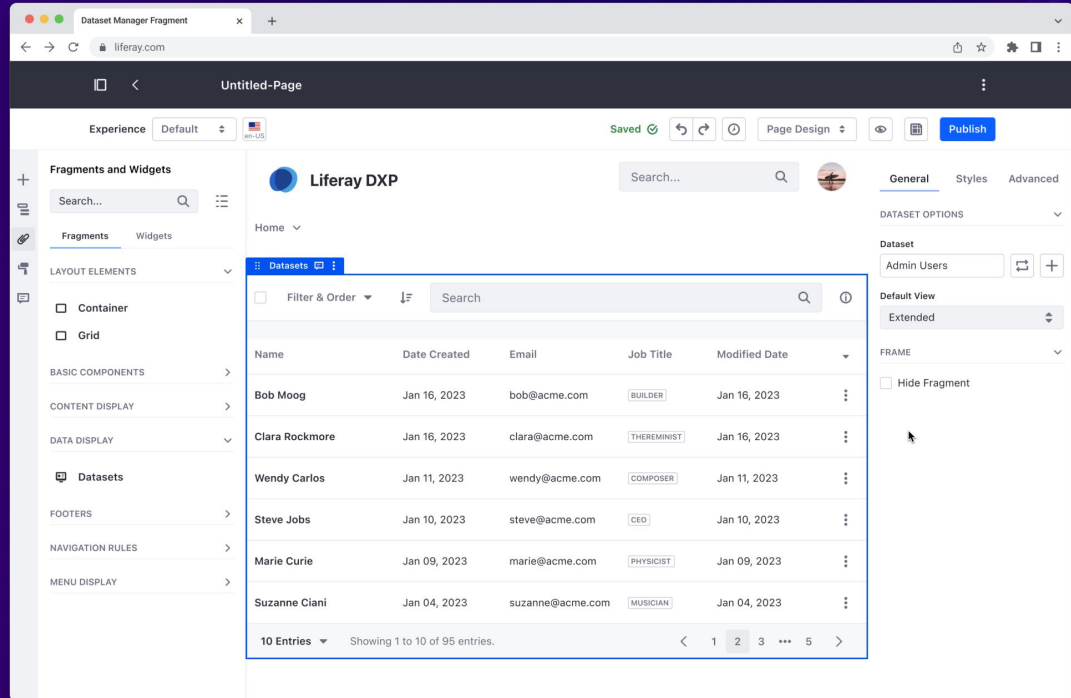


Low code strategy

Presentation Layer

DATASET FRAGMENT

Generated by
Dataset Manager,
it relies on the
Front End
Dataset + the
configurations
defined in the
Dataset View.



The screenshot shows the Liferay DXP Dataset Manager interface. The main content area displays a table of data entries with columns for Name, Date Created, Email, Job Title, and Modified Date. The table is filtered to show 10 entries, with the first three being Bob Moog, Clara Rockmore, and Wendy Carlos. The interface includes a search bar, a filter and order dropdown, and a pagination control at the bottom of the table. The left sidebar shows the 'Fragments and Widgets' menu, and the right sidebar shows the 'Dataset Options' and 'Dataset' configuration.

Name	Date Created	Email	Job Title	Modified Date
Bob Moog	Jan 16, 2023	bob@acme.com	BUILDER	Jan 16, 2023
Clara Rockmore	Jan 16, 2023	clara@acme.com	THEREMINIST	Jan 16, 2023
Wendy Carlos	Jan 11, 2023	wendy@acme.com	COMPOSER	Jan 11, 2023
Steve Jobs	Jan 10, 2023	steve@acme.com	CEO	Jan 10, 2023
Marie Curie	Jan 09, 2023	marie@acme.com	PHYSICIST	Jan 09, 2023
Suzanne Ciani	Jan 04, 2023	suzanne@acme.com	MUSICIAN	Jan 04, 2023

 Liferay® **DEVCON**

High code FDS

Frontend dataset – Taglibs

```
<frontend-data-set:headless-display
  apiURL="/o/headless-commerce-admin-catalog/v1.0/products?nestedFields=skus,catalog"
  bulkActionDropdownItems="<%= cpDefinitionsDisplayContext.getBulkActionDropdownItems() %>"
  creationMenu="<%= cpDefinitionsDisplayContext.getCreationMenu() %>"
  fdsActionDropdownItems="<%= cpDefinitionsDisplayContext.getFDSActionDropdownItems() %>"
  formName="fm"
  id="<%= CommerceProductFDSNames.PRODUCT_DEFINITIONS %>"
  itemsPerPage="<%= 10 %>"
  selectedItemsKey="id"
  selectionType="multiple"
  style="fluid"
/>
```

Frontend dataset - Taglibs

```

<frontend-data-set:headless-display
  apiURL="/o/headless-commerce-admin-catalog/v1.0/products?nestedFields=skus,catalog"
  bulkActionDropdownItems="<%= cpDefinitionsDisplayContext.getBulkActionDropdownItems() %>"
  creationMenu="<%= cpDefinitionsDisplayContext.getCreationMenu() %>"
  fdsActionDropdownItems="<%= cpDefinitionsDisplayContext.getFDSActionDropdownItems() %>"
  formName="fm"
  id="<%= CommerceProductFDSNames.PRODUCT_DEFINITIONS %>"
  itemsPerPage="<%= 10 %>"
  selectedItemsKey="id"
  selectionType="multiple"
  style="fluid"
/>

```

```

public List<FDSActionDropdownItem> getFDSActionDropdownItems()
    throws PortletException {
    --
    -- StringBundler sb = new StringBundler(
    --     "/o/headless-commerce-admin-catalog/v1.0/products/{productId}");
    --
    -- if (_isVersioningEnabled()) {
    --     sb.append("/by-version/{version}");
    -- }
    --
    -- return ListUtil.fromArray(
    --     new FDSActionDropdownItem(
    --         PortletURLBuilder.create(
    --             PortletProviderUtil.getPortletURL(
    --                 httpRequest, CPDefinition.class.getName(),
    --                 PortletProvider.Action.MANAGE)
    --             ).setMVCRenderCommandName(
    --                 "/cp_definitions/edit_cp_definition"
    --             ).setParameter(
    --                 "cpDefinitionId", "{id}"
    --             ).setParameter(

```


Frontend dataset - Taglibs

```
<frontend-data-set:headless-display
  apiURL="/o/headless-commerce-admin-catalog/v1.0/products?nestedFields=skus,catalog"
  bulkActionDropdownItems="<%= cpDefinitionsDisplayContext.getBulkActionDropdownItems() %>"
  creationMenu="<%= cpDefinitionsDisplayContext.getCreationMenu() %>"
  fdsActionDropdownItems="<%= cpDefinitionsDisplayContext.getFDSActionDropdownItems() %>"
  formName="fm"
  id="<%= CommerceProductFDSNames.PRODUCT_DEFINITIONS %>"
  itemsPerPage="<%= 10 %>"
  selectedItemsKey="id"
  selectionType="multiple"
  style="fluid"
/>
```

```
public List<FDSActionDropdownItem> getFDSActionDropdownItems()
    throws PortalException {

    StringBundler sb = new StringBundler(
        "/o/headless-commerce-admin-catalog/v1.0/products/{productId}");

    if (_isVersioningEnabled()) {
        sb.append("/by-version/{version}");
    }

    return ListUtil.fromArray(
        new FDSActionDropdownItem(
            PortletURLBuilder.create(
                PortletProviderUtil.getPortletURL(
                    httpServletRequest, CPDefinition.class.getName(),
                    PortletProvider.Action.MANAGE)
                ).setMVCRenderCommandName(
                    "/cp_definitions/edit_cp_definition"
                ).setParameter(
                    "cpDefinitionId", "{id}"
                ).setParameter(
```

```
@Component(
  property = "frontend.data.set.name=" +
    CommerceProductFDSNames.PRODUCT_DEFINITIONS,
  service = FDSFilter.class
)
public class ProductTypeSelectionFDSFilter
    extends BaseSelectionFDSFilter {
    ...
    @Override
    public List<SelectionFDSFilterItem> getSelectionFDSFilterItems(
        Locale locale) {

        List<SelectionFDSFilterItem> selectionFDSFilterItems =
            new ArrayList<>();

        for (CPTYPE cpType : _cpTypeRegistry.getCPTypes()) {...}

        return selectionFDSFilterItems;
    }

    @Override
    public boolean isMultiple() { return false; }
}
```

```
@Component(
  property = "frontend.data.set.name=" +
    CommerceProductFDSNames.PRODUCT_DEFINITIONS,
  service = FDSView.class
)
public class CommerceProductDefinitionTableFDSView extends BaseTableFDSView {
    ...
    @Override
    public FDSTableSchema getFDSTableSchema(Locale locale) {
        FDSTableSchemaBuilder fdsTableSchemaBuilder =
            _fdsTableSchemaBuilderFactory.create();

        return fdsTableSchemaBuilder.add(
            "thumbnail", "image",
            fdsTableSchemaField -> fdsTableSchemaField.setContentRenderer(
                "image"
            ).add(
                "name.LANG", "name",
                fdsTableSchemaField -> {
                    fdsTableSchemaField.setContentRenderer("actionLink");
                    fdsTableSchemaField.setSortable(true);
                }
            );
    }
}
```


Frontend dataset - Taglibs

Filter Search [Q] +

<input type="checkbox"/>	Image	Name ↑↓	Catalog	Type	Status	Modified Date ↑↓	▼
<input type="checkbox"/>		ABS Sensor	minium-demo-site	Simple	APPROVED	May 16, 2023, 11:22:22 AM	⋮
<input type="checkbox"/>		Brake Fluid	minium-demo-site	Simple			
<input type="checkbox"/>		Premium Brake Fluid	minium-demo-site	Simple	APPROVED	May 16, 2023, 11:22:23 AM	⋮
<input type="checkbox"/>		Wear Sensors	minium-demo-site	Simple	APPROVED	May 16, 2023, 11:22:23 AM	⋮
<input type="checkbox"/>		Brake Pads	minium-demo-site	Simple	APPROVED	May 16, 2023, 11:22:23 AM	⋮
<input type="checkbox"/>		Premium Brake Pads	minium-demo-site	Simple	APPROVED	May 16, 2023, 11:22:23 AM	⋮

Edit

Delete

Duplicate

Frontend dataset - React

```

return dataSetProps ? Object.keys(dataSetProps).length ? (
  <FrontendDataSet {...dataSetProps} />
) : null,
)
}

function getDataSetProps(
  fireModal: (modalProps: IModalState) => void,
  pickListId: number,
  readOnly: boolean,
  setValues: (values: Partial<PickList>) => void,
  values: Partial<PickList>
): IFrontendDataSetProps {
  ...
}

```

+

Name	Key	External Reference Code	
A	a	4ba5bec9-4577-c0f8-7bb9-479fe0490a7f	⋮
B	b	ecc7dd0e-e2dd-1167-472d-a77e9b3cc151	⋮

8 Items Showing 1 to 2 of 2 entries.

```

return {
  actionParameterName: '',
  apiURL: `/o/headless-admin-list-type/v1.0/list-type-definitions/${pickListId}/list-type-entries`,
  creationMenu: {
    primaryItems: addItemMenu,
  },
  currentURL: window.location.pathname + window.location.search,
  customDataRenderers: {
    itemNameRenderer,
  },
  customViewsEnabled: false,
  formName: 'fm',
}

```

Frontend dataset - React

```

<FrontendDataSet
  creationMenu={{
    primaryItems: [
      {
        href: 'handleAddFields',
        id: 'handleAddFields',
        label: Liferay.Language.get('add-fields'),
        target: 'event',
      },
    ],
  }}
  id="PredefinedValuesTable"
  items={items}
  itemsActions={{
    {
      icon: 'trash',
      id: 'deletePredefinedValueField',
    },
  ]}}
  views={{
    {
      contentRenderer: 'table',
      schema: {
        fields: [
          {
            fieldName: 'label',
            label: Liferay.Language.get('field'),
          },
          {
            fieldName: 'inputAsValue',
            label: Liferay.Language.get('input-method'),
          },
          {
            fieldName: 'newValue',
            label: Liferay.Language.get('new-value'),
          },
        ],
      },
    },
  }}

```

Values

+

Field	Input Method	New Value
f1	<input type="checkbox"/> Input as a value. <small>?</small>	<div style="border: 1px solid #ccc; padding: 5px; display: flex; align-items: center;"> Input a value or create an expression. <> 🗑️ </div>

Frontend dataset - React

```

<FrontendDataSet
  creationMenu={{
    primaryItems: [
      {
        href: 'handleAddFields',
        id: 'handleAddFields',
        label: Liferay.Language.get('add-fields'),
        target: 'event',
      },
    ],
  }}
  id="PredefinedValuesTable"
  items={items}
  itemsActions={{
    {
      icon: 'trash',
      id: 'deletePredefinedValueField',
    },
  ]}}
  views={{
    {
      contentRenderer: 'table',
      schema: {
        fields: [
          {
            fieldName: 'label',
            label: Liferay.Language.get('field'),
          },
          {
            fieldName: 'inputAsValue',
            label: Liferay.Language.get('input-method'),
          },
          {
            fieldName: 'newValue',
            label: Liferay.Language.get('new-value'),
          },
        ],
      },
    },
  }}

```


Values

Field	Input Method	New Value
f1	<input type="checkbox"/> Input as a value. ⓘ	Input a value or create an expression. <> 🗑️

Frontend dataset – React

```
<FrontendDataSet
  creationMenu={{
    primaryItems: [
      {
        href: 'handleAddFields',
        id: 'handleAddFields',
        label: Liferay.Language.get('add-fields'),
        target: 'event',
      },
    ],
  }},
  id="PredefinedValuesTable"
  items={items}
  itemsActions={{
    {
      icon: 'trash',
      id: 'deletePredefinedValueField',
    },
  }},
  views={{
    {
      contentRenderer: 'table',
      schema: {
        fields: [
          {
            fieldName: 'label',
            label: Liferay.Language.get('field'),
          },
          {
            fieldName: 'inputAsValue',
            label: Liferay.Language.get('input-method'),
          },
          {
            fieldName: 'newValue',
            label: Liferay.Language.get('new-value'),
          },
        ],
      },
    },
  }},
}
```

Values

Field	Input Method	New Value
f1	<input type="checkbox"/> Input as a value. ⓘ	Input a value or create an expression. <> 

Frontend dataset - React

```

<FrontendDataSet
  creationMenu={{
    primaryItems: [
      {
        href: 'handleAddFields',
        id: 'handleAddFields',
        label: Liferay.Language.get('add-fields'),
        target: 'event',
      },
    ],
  }}
  id="PredefinedValuesTable"
  items={items}
  itemsActions={[
    {
      icon: 'trash',
      id: 'deletePredefinedValueField',
    },
  ]}
/>

views={[
  {
    contentRenderer: 'table',
    schema: {
      fields: [
        {
          fieldName: 'label',
          label: Liferay.Language.get('field'),
        },
        {
          fieldName: 'inputAsValue',
          label: Liferay.Language.get('input-method'),
        },
        {
          fieldName: 'newValue',
          label: Liferay.Language.get('new-value'),
        },
      ],
    },
  },
]

```

Values

Field	Input Method	New Value
f1	<input type="checkbox"/> Input as a value. ⓘ	Input a value or create an expression. <> 🗑️

```

return {
  inputAsValue: (
    <div className="lfr-object-web__predefined-values-table-input-method">
      <ClayCheckbox
        checked={inputAsValue}
        disabled={false}
        label={Liferay.Language.get('input-as-a-value')}
        onChange={({target: {checked: boolean}}) :void => {...}}
      />
      <ClayTooltipProvider...>
    </div>
  ),
  label: (
    <div className="lfr-object-web__predefined-values-table-field"...>
  ),
  name,
  newValue: (
    <div className="lfr-object-web__predefined-values-table-new-value"...>
  ),
};

```

Frontend dataset - React

```

<FrontendDataSet
  creationMenu={{
    primaryItems: [
      {
        href: 'handleAddFields',
        id: 'handleAddFields',
        label: Liferay.Language.get('add-fields'),
        target: 'event',
      },
    ],
  }}
  id="PredefinedValuesTable"
  items={items}
  itemsActions={{
    {
      icon: 'trash',
      id: 'deletePredefinedValueField',
    },
  ]}}
  views={{
    {
      contentRenderer: 'table',
      schema: {
        fields: [
          {
            fieldName: 'label',
            label: Liferay.Language.get('field'),
          },
          {
            fieldName: 'inputAsValue',
            label: Liferay.Language.get('input-method'),
          },
          {
            fieldName: 'newValue',
            label: Liferay.Language.get('new-value'),
          },
        ],
      },
    },
  }}

```

Values

Field	Input Method	New Value
f1	<input type="checkbox"/> Input as a value. ⓘ	Input a value or create an expression. <> 🗑️

```

return {
  inputAsValue: {
    <div className="lfr-object-web__predefined-values-table-input-method">
      <ClayCheckbox
        checked={inputAsValue}
        disabled={false}
        label={Liferay.Language.get('input-as-a-value')}
        onChange={({target: {checked: boolean}}) :void => {...}}
      />
      <ClayTooltipProvider...>
    </div>
  },
  label: (
    <div className="lfr-object-web__predefined-values-table-field"...>
  ),
  name,
  newValue: (
    <div className="lfr-object-web__predefined-values-table-new-value"...>
  ),
};

```

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Dataset Manager



Views management

- Build multiple views for your different audiences
- Leverage your headless APIs as data sources

Datasets

Search +

Name	REST Application	REST Schema	REST Endpoint	Views	Modified Date	
my dataset	/jcfdsentries	FDSEntry	/	1	May 18, 2023, 11:58:36 AM	⋮
my view	/headless-commerce-admin-account/v1.0	Account	/v1.0/accounts	1	May 19, 2023, 7:51:32 AM	⋮
accountsDataset	/headless-admin-user/v1.0	UserAccount	/v1.0/user-accounts	1	May 22, 2023, 7:44:05 AM	⋮

8 Items • Showing 1 to 3 of 3 entries. < 1 >



Views capabilities

- Admins will be able to select which columns will compose the view
- Select the order of the columns
- Name the headless properties to more user-friendly names

A screenshot showing two overlapping dialog boxes from the Liferay user interface. The background dialog is titled "Add Fields" and contains a search bar and a list of fields with checkboxes. The fields listed are: additionalName, alternateName, birthDate, currentPassword, dashboardURL, dateCreated (checked), dateModified, emailAddress, externalReferenceCode, familyName, givenName, honorificPrefix, honorificSuffix, id (checked), image, jobTitle, lastLoginDate, name (checked), password, and profileURL. The foreground dialog is titled "Edit name" and contains fields for "Name" (with value "name"), "Label" (with value "name"), a "Cell Renderer" dropdown menu (set to "Action Link"), and a checked "Sortable" checkbox. Both dialog boxes have "Save" and "Cancel" buttons at the bottom.



Filter, sorting and pagination management

- Select which filters are available to the end-users
- Prepopulate values to save time to the user
- Define the sorting options
- Manage pagination at view level

New Filter [X]

Filter By
expirationDate

Label
Expiration Date

From YYYY-MM-DD [calendar icon] To YYYY-MM-DD [calendar icon]

[Save] [Cancel]

Pagination

Configure pagination options for this dataset view.

List of Items per Page *
4, 8, 20, 40, 60

Use comma separated positive numbers to define the list of available items per page in the dataset view.

Default Items per Page *
20

Specify the default pagination to use in the dataset view.

[Save] [Cancel]



Presentation layer

- A new fragment is available to leverage our page building capabilities to show data
- The cell renderer client extension allows developers to customize how data is shown

The screenshot shows a Liferay interface with a table titled 'Frontend Dataset'. The table has two columns: 'Create Date' and 'Name'. The data rows are as follows:

Create Date ↑↓	Name ↑↓
May 16, 2023, 11:22:22 AM	ABS Sensor
May 16, 2023, 11:22:22 AM	Brake Fluid
May 16, 2023, 11:22:23 AM	Premium Brake Fluid

Dataset Manager



+



=



Fields and pagination selection



+



=



Filters, sorting and actions



+



=



Client Extensions

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Looking ahead

Dataset Manager Roadmap

- Configure and define Actions
 - Edit
 - Create
 - Delete
 - Stand-alone Object actions
- Customize the filtering experience through client extensions

The screenshot shows the 'Edit Actions' configuration page in the Liferay Dataset Manager. The page is divided into two main sections: 'Action Properties' and 'Messages'.

Action Properties

- Action Type:** A dropdown menu is set to 'Delete'. The URL field contains 'https://mydomain.com/group/control_panel/manage?p_p_id=com_liferay_frontend...'. A note below says 'Paste the URL to which the action points.'
- Action Label:** A text input field contains 'Delete'. A note below says 'The name of the action to be displayed.'
- Icon:** A dropdown menu is set to 'trash.png' with a 'Select' button. A note below says 'Personalise the icon to be shown in the action.'
- Permission Key (Optional):** An empty text input field. A note below says 'Define the permission key for the action.'

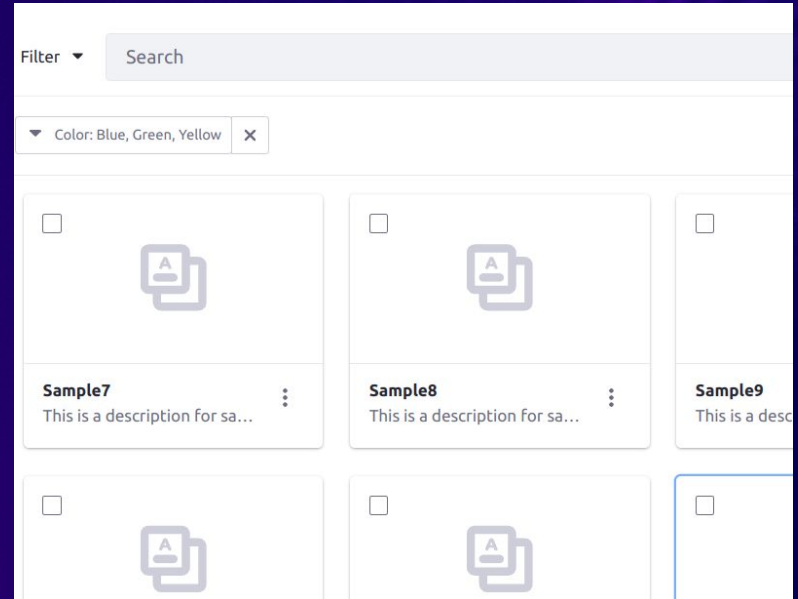
Messages

- Confirmation:** A tab is selected. A note says 'Create a confirmation message to show to the user.'
- Message:** A dropdown menu is set to 'Success'. The message text area contains 'Your item was deleted!'. A note below says 'Write a clear sentence to express the result of the action.'

At the bottom of the page, there are 'Save' and 'Cancel' buttons.

Dataset Manager Roadmap

- Supporting other visualization modes
 - Lists
 - Cards
 - Client extensions
- Customize the out of the box admin experience with the dataset manager





How was this session?

Please share your rating in
the event app. Thank you!