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REUSE.toml

Object Page - General Features

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Annotations for Data Fields

Communication Properties

Search term: #CommunicationFields



To display emails and phone numbers as a link, they are annotated with @Semantics.email.address: true or @Semantics.telephone.type

Note
Source: CDS View /DMO/FSA_I_Root

```
// Search Term #CommunicationFields
@Semantics.eMail.address: true
email                    as Email,

// Search Term #CommunicationFields
```

```
@Semantics.telephone.type: [#CELL]
telephone                as Telephone,
```

Note

Source: Metadata Extension /DMO/FSA_C_RootTP

```
// Search Term #Communication
@UI.facet: [
{
  purpose: #HEADER, // or #STANDARD
  label   : 'Communication Subsection(#Communication)',
  type    : #FIELDGROUP_REFERENCE,
  targetQualifier: 'communication'
}
]

@UI.fieldGroup: [{ qualifier: 'communication' }] // Search Term #Communication
Email;

@UI.fieldGroup: [{ qualifier: 'communication' }] // Search Term #Communication
Telephone;
```

More Information: [ABAP RESTful Application Programming Model - Contact Data](#)

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Time and Date

Search term: #TimeAndDate

Time and Date (#TimeAndDate)

Timestamp:

Jun 21, 2023, 7:18:51 PM

< June 2023 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
22	28	29	30	31	2	3
23	4	5	6	7	8	9
24	11	12	13	14	15	16
25	18	19	20	21	22	23
26	25	26	27	28	29	30

7 18 51 AM PM ::

Hours

7

OK Cancel

SAP Fiori Elements provides out of the box support for displaying and editing dates and times, as well as time stamps. No additional annotations are needed, the properties just need to have the corresponding data types.

The following annotations are used in the app, in order to group the time and date fields and show them in a facet.

Note

Source: Metadata Extension /DMO/FSA_C_RootTP

```
// Search Term #TimeAndDate
@UI.facet: [
{
  purpose: #HEADER, // or #STANDARD
  label   : 'Time and Date (#TimeAndDate)',
  type    : #FIELDGROUP_REFERENCE,
  targetQualifier: 'timeAndDate'
}
]

@UI.fieldGroup: [{ qualifier: 'timeAndDate' }] // Search Term #TimeAndDate
ValidTo;
```

```
@UI.fieldGroup: [{ qualifier: 'timeAndDate' }] // Search Term #TimeAndDate
Time;

@UI.fieldGroup: [{ qualifier: 'timeAndDate' }] // Search Term #TimeAndDate
Timestamp;
```

[▲ Back to Content](#)

Multi line Text

Search term: `#MultiLineText`

Description (`#MultiLineText`):

At amet dolore nonumy et erat et est duo Lorem dolor voluptua invidunt
Lorem kasd dolores dolor et e... [More](#)

Second Description (`#MultiLineText`):

Sanctus eos amet amet et gubergren invidunt est nonumy sanctus
invidunt dolor takimata dolor et tempor justo consetetur amet kasd
takimata tempor Stet sit amet takimata sea takimata diam et dolore ut
est sed clita aliquyam no dolore sadipscing Lorem clita consetetur
rebum rebum tempor eirmod no sed eirmod duo consetetur. [Less](#)

With the annotation `@UI.multiLineText` longer strings are displayed in multiple lines.

Note

Source: Metadata Extension /DMO/FSA_C_RootTP

```
@UI.multiLineText: true // Search Term #MultiLineText
Description;

@UI.multiLineText: true // Search Term #MultiLineText
DescriptionCustomGrowing;
```



More Information: [ABAP RESTful Application Programming Model - Multi-Line Text](#)

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Collective Value Help

Search term: `#CollectiveValueHelp`

For SAP GUI-based applications it is possible to define a collective search help that combines several elementary search helps. You can choose one of several alternative search paths and retrieve input values from multiple sources/tables in a single dialog. In Fiori UI this is also possible via a collective value help using an **abstract entity** comprising a list of assigned elementary search helps and potential mappings of the bound field names.

The collective value help shall be annotated with `@ObjectModel.collectiveValueHelp.for.element` pointing to the field, for which the collective value help is defined. The field referenced by `@ObjectModel.collectiveValueHelp.for.element` shall be assigned at least a single elementary value help using annotation `@Consumption.valueHelpDefinition`.

Only the following keywords can be used for a collective value help: `entity.name`, `entity.element`, `additionalBinding.localElement`, `additionalBinding.element` and `qualifier`.

Note

Source: CDS Abstract Entity /DMO/FSA_D_CountryCVH

```
@EndUserText.label: 'Country Collective Value Help'
@ObjectModel.supportedCapabilities:[#COLLECTIVE_VALUE_HELP]
@ObjectModel.modelingPattern:#COLLECTIVE_VALUE_HELP
@ObjectModel.collectiveValueHelp.for.element: 'Country'

// Search Term #CollectiveValueHelp
define abstract entity /DMO/FSA_D_CountryCVH
{
  @Consumption.valueHelpDefinition:[
    // 'Default' VH
    {
      entity: { name:'I_Country' },
      label: 'Search by Country'
    },
  ],
  // additional VH, set qualifier
  {
    entity: { name:'/DMO/FSA_I_ContactVH',
```



```

        element:'Country' },
        label: 'Search by Contact',
        qualifier: 'ContactSearch'
    },
    // additional VH, set qualifier
    {
        entity: { name:'I_RegionVH',
            element:'Country' },
        additionalBinding: [{ localElement:'Region',
            element:'Region' }],
        label: 'Search by Region',
        qualifier: 'RegionSearch'
    }
    ]
    Country : land1;
    Region  : regio;
}

```

The consumer view of the collective value help has to define the same fields, that are used in the collective value help definition (respectively bind all corresponding local fields via `@Consumption.valueHelpDefinition.additionalBinding...` to the collective value help fields).

Note

Source: CDS View `/DMO/FSA_R_RootTP`

```

// Search Term #CollectiveValueHelp
@Consumption.valueHelpDefinition: [{ entity: { name: '/DMO/FSA_D_CountryCVH', element: 'Country' },
    additionalBinding: [{ element: 'Region',
        localElement: 'Region' }] } ]

Country,
...
Region,

```

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Side Effects

Search term: `#SideEffects, #SideEffectsSection`

Warning

Only available with the latest [SAP BTP or SAP S/4HANA Cloud, public edition release](#) and for SAP S/4HANA, on-premise edition or SAP S/4HANA Cloud, private edition, from [release 2023](#) onwards.

Side Effects annotations specify to the UI, which targets to be refreshed in order to show updated values that arises from field changes, actions, or determine actions. Side effects are defined in the behaviour definition. There are a variety of ways to annotate side effects by combining the triggers and the affected components, and a few examples are shown in the app:

Warning

If you use projection, remember to add the following to your projection behaviour definition.

```

projection...

use side effects;
define behavior for ProjectionView {
}

```

Field affects field

Fields from same level entity

Root entity 510. Draft

Root entity 510.

Radial Micro Chart (#RadialMicroChart)

This is a micro chart



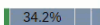
Harvey Micro Chart (#HarveyMicroChart)

This is a micro chart



StackedBar

This is a micro



VUV

Nested Tabs (#NestedTabs)

Visible when in Edit(#HidingC

Collection Facet (#OPSection)

FieldGroup (#OPForm)

Connected Fields (#ConnectedFields):

13 / 50

When the user changes the value of `IntegerValue`, the determination `setIntegerValue` is called and modifies the values of `ProgressIntegerValue` and `RadialIntegerValue`. In order for these 2 fields to show the updated values without a refresh, side effects is required to request UI to reload these 2 fields.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root
{
  ...
  {
    determination setIntegerValue on modify { field IntegerValue; }

    side effects {
      field IntegerValue affects field ProgressIntegerValue, field RadialIntegerValue;
    }
  }
}
```

Fields from associated entity

Child Entity (1..n)(#OPTable)

Child Entities (27)

Standard

Search

Q

Create Child from Root (#ActionOverload)

<input type="checkbox"/> String Property	IF	Percentage (0.00 to trigger Validation)	Toggle Delete (#SideEffects)	Child Pieces (#SideEffectsTable)	Attach
<input type="checkbox"/> Root entity 510. Child 27		10.00	<input type="checkbox"/>	0	-
<input type="checkbox"/> Root entity 510. Child 26		20.00	<input type="checkbox"/>	0	-
<input type="checkbox"/> Root entity 510. Child 26		10.00	<input type="checkbox"/>	0	-
<input type="checkbox"/> Root entity 510. Child 25		10.00	<input type="checkbox"/>	50	-
<input type="checkbox"/> Child entity 969.		10.00	<input type="checkbox"/>	6	-

More

[5 / 27]

Side Effects (#SideEffectsSection)

Total (Change Pieces at Child Entities):

I

83

(Change to the past -trigger validation):

Aug 3, 2023

📅

Children Created from Action Overload (Click Reset to set to 0):

(Change to see Navigation (1..1) change):

It is also possible to define as target, a field from an associated entity. When the field `childPieces` in Child entity is modified, this will trigger the determination `calculateTotalPieces` to total up the pieces of all child instances. Side effects will trigger the refresh of field `TotalPieces` from the Root entity to show the calculated total every time user enters a value at the child instance.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_ChildTP alias Child
persistent table /dmo/fsa_child_a
draft table /dmo/fsa_child_d
lock dependent by _Root
authorization dependent by _Root
{
  determination calculateTotalPieces on modify { field ChildPieces; }

  side effects {
    field ChildPieces affects field _Root.TotalPieces;
  }
}
```

Field affects entity

Side Effects (#SideEffectsSection)

Total (Change Pieces at Child Entities):

96

(Change to the past -trigger validation):

Aug 3, 2023

Children Created from Action Overload (Click Reset to set to 0):

0

(Change to see Navigation (1..1) change):

Labore diam At cita voluptua invidunt.

Navigation (1..1) (#NavigationSection)

String Property:

Labore diam At cita voluptua invidunt.

Decimal Property:

58.650

Integer Property:

887

Country/Region Key:

New Zealand (NZ)

When `NavigationID` is changed, the associated entity `_Navigation` will reload and all fields of the association will change.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root
...
{
  side effects {
    field NavigationID affects entity _Navigation;
  }
}
```

Action affects field

Side Effects (#SideEffectsSection)

Reset (#SideEffectsAction)

Total (Change Pieces at Child Entities):

96

(Change to the past -trigger validation):

Aug 3, 2023

Children Created from Action Overload (Click Reset to set to 0):

2

(Change to see Navigation (1..1) change):

Eirmod erat tempor sea aliquyam erat.

When `resetTimesChildCreated` is executed, the field `TimesChildCreated` will be set to 0.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root
...
{
  action ( features : instance ) resetTimesChildCreated;

  side effects {
    action resetTimesChildCreated affects field TimesChildCreated;
  }
}
```

```
}  
}
```

Action affects permission

Side Effects (#SideEffectsSection)

Reset (#SideEffectsAction)

Total (Change Pieces at Child Entities):
-----96

Children Created from Action Overload (Click Reset to set to 0):
-----2

(Change to the past -trigger validation):
Aug 3, 2023

(Change to see Navigation (1..1) change):
Eimod erat tempor sea aliquyam erat.

When `resetTimesChildCreated` is executed, instance feature control will disable the action button `resetTimesChildCreated`.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root  
...  
{  
  action ( features : instance ) resetTimesChildCreated;  
  
  side effects {  
    action resetTimesChildCreated affects permissions ( action resetTimesChildCreated );  
  }  
}
```

Note

Source: Behaviour Implementation /DMO/FSA_BP_R_RootTP

```
CLASS lhc_Root DEFINITION INHERITING FROM cl_abap_behavior_handler.  
  METHOD resetTimesChildCreated.  
    MODIFY ENTITIES OF /DMO/FSA_R_RootTP IN LOCAL MODE  
    ENTITY Root  
    UPDATE  
      FIELDS ( TimesChildCreated )  
      WITH VALUE #( FOR key IN keys  
        ( %tky = key-%tky  
          TimesChildCreated = 0  
          %control-TimesChildCreated = if_abap_behv=>mk-on ) )  
  
    FAILED failed  
    REPORTED reported.  
  
    LOOP AT keys ASSIGNING FIELD-SYMBOL(<key>).  
  
      APPEND VALUE #( %tky = <key>-%tky  
        %msg = new_message( id = '/DMO/CM_FSA'  
          number = 003  
            severity = if_abap_behv_message=>severity-success )  
        %action-resetTimesChildCreated = if_abap_behv=>mk-on ) TO reported-root.  
  
    ENDLLOOP.  
  ENDMETHOD.  
  
  METHOD get_instance_features.  
    READ ENTITIES OF /DMO/FSA_R_RootTP IN LOCAL MODE  
    ENTITY Root  
      FIELDS ( UpdateHidden TimesChildCreated ) WITH CORRESPONDING #( keys )  
    RESULT DATA(roots)  
    FAILED failed.  
  
    result = VALUE #( FOR root IN roots  
      ( %tky = root-%tky  
        %action-resetTimesChildCreated = COND #( WHEN root-UpdateHidden = abap_true OR root-  
          THEN if_abap_behv=>fc-o-disabled  
          ELSE if_abap_behv=>fc-o-enabled )  
      ) ).  
  
  ENDMETHOD.  
ENDCLASS.
```

Action affects entity

Child Entity (1..n)(#OPTable)

Child Entities (27)

Standard

Search

Create Child from Root (#ActionOverload)

Create

Delete

<input type="checkbox"/> String Property	Percentage (0.00 to trigger Validation)	Toggle Delete (#SideEffects)	Child Pieces (#SideEffectsTable)
<input type="checkbox"/> Root entity 510. Child 27	10.00	<input type="checkbox"/>	0 >
<input type="checkbox"/> Root entity 510. Child 26	20.00	<input type="checkbox"/>	0 >
<input type="checkbox"/> Root entity 510. Child 26	10.00	<input type="checkbox"/>	0 >
<input type="checkbox"/> Root entity 510. Child 25	10.00	<input type="checkbox"/>	50 >
<input type="checkbox"/> Child entity 969.	10.00	<input type="checkbox"/>	6 >

More

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When `createChildFromRoot` is executed, a new Child instance is created. Since the associated entity `_child` is a list table, the list will reload to also show the newly created instance.

Note

Source: Behaviour Definition /DMO/FSA_C_RootTP

```
define behavior for /DMO/FSA_C_RootTP alias Root
{
  action ( features : instance ) createChildFromRoot result [0..1] entity /DMO/FSA_C_ChildTP;

  side effects {
    action createChildFromRoot affects entity _Child;
  }
}
```

Note

Source: Metadata Extension /DMO/FSA_C_RootTP

```
annotate entity /DMO/FSA_C_RootTP with
{
  @UI.facet: [
    {
      purpose: #STANDARD,
      type: #PRESENTATIONVARIANT_REFERENCE,
      targetElement: '_Child',
      targetQualifier: 'pVariant',
      label: 'Child Entity (1..n)(#OPTable)',
      id: 'childEntitiesSection'
    }
  ]
  ...
}
```

Determine action executed on field affects messages

Child Entities (29)

Standard

Search

Create Child from Root (#ActionOverload)

...

<input type="checkbox"/> String Property	Percentage (0.00 to trigger Validation)	Boolean Property
<input type="checkbox"/> Root entity 510. Child 20	20.00	<input type="checkbox"/>
<input type="checkbox"/> Root entity 510. Child 26	10.00	<input type="checkbox"/>

More

[5 / 29]

Side Effects (#SideEffectsSection)

Reset (#SideEffectsAction)

Total (Change Pieces at Child Entities):

83

(Change to the past -trigger validation):

Aug 3, 2023

Children Created from Action Overload (Click Reset to set to 0):

2

(Change to see Navigation (1..1) change):

Labore diam At clita voluptua invidunt.

Save

Discard Draft

When field `validTo` is modified, this will trigger the determine action, which is a validation in this case. Any error messages arising from the validation will pop up immediately via sticky messages.

Note


```
define behavior for /DMO/FSA_R_RootTP alias Root
...
{
  validation validateValidTo on save { create; update; field ValidTo; }
  determine action validateDate { validation validateValidTo; }

  side effects {
    determine action validateDate executed on field ValidTo affects messages;
  }
}
```

Determine action executed on entity affects messages

Child Entity (1..n)(#OPTable)

Side Effects (#SideEffectsSection)

Navigation (1..1) (#NavigationSection)

Data Types(#Recomi > v

Child Entity (1..n)(#OPTable)

Child Entities (27) Standard v

Search Q

Create Child from Root (#ActionOverload) ...

<input type="checkbox"/> String Property	JF	Percentage (0.00 to trigger Validation)	Boolean Property	
<input type="checkbox"/> Root entity 510. Child 27		10.00	<input type="checkbox"/>	>
<input type="checkbox"/> Root entity 510. Child 26		20.00	<input type="checkbox"/>	>
<input type="checkbox"/> Root entity 510. Child 26		10.00	<input type="checkbox"/>	>
<input type="checkbox"/> Root entity 510. Child 25		10.00	<input type="checkbox"/>	>
<input type="checkbox"/> Child entity 969.		10.00	<input type="checkbox"/>	>

More

[5 / 27]

Reset (#SideEffectsAction)

Save Discard Draft

When any fields from entity `_Child` is modified, this will trigger the determine action, which is a validation defined at Child. Any error messages arising from the validation will pop up immediately via sticky messages.

Note

```
define behavior for /DMO/FSA_R_RootTP alias Root
...
{
  determine action validateChild { validation Child ~ validatePercentage; }

  side effects {
    determine action validateChild executed on entity _Child affects messages;
  }
}

define behavior for /DMO/FSA_R_ChildTP alias Child
...
{
  validation validatePercentage on save { create; update; }
}
```

\$self affects permission of association

Child Entity (1..n)(#OPTable) (10)

Search

Q

Create Child from Root (#ActionOverload) Create Delete ...

<input type="checkbox"/> String Property	Toggle Delete ...	Child Pieces (#Side...	Stream readonly? (#StreamDynFeatureCtrl)	
<input type="checkbox"/> Child entity 900.	<input type="checkbox"/>	20	No	>
<input type="checkbox"/> Child entity 738.	<input checked="" type="checkbox"/>	40	No	>
<input type="checkbox"/> Child entity 715.	<input type="checkbox"/>	40	No	>
<input type="checkbox"/> Child entity 582.	<input checked="" type="checkbox"/>	0	No	>
<div>More</div> <div>[5 / 10]</div>				

Side Effects (#SideEffectsSection)

Reset (#SideEffectsAction)

Total (Change Pieces at Child Entities):
110

(Check - Disable update of child):
☐

Children Created from Action Overload (Click Reset to set to 0):

(Change to see Navigation (1..1) change):

Draft updated

Save

Change Criticality (#OPDetermineAction)

Discard Draft

When any fields from \$self is modified, the permission/feature control of the association will be refreshed. In our example, when the boolean property `DisableChildOperation` is checked, the list of child instances will be refreshed and update is disabled.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root
...
{
  side effects {
    $self affects permissions ( update _Child );
  }
}

define behavior for /DMO/FSA_R_ChildTP alias Child
...
{
  update ( features : instance);
}
```

Note

Source: Behaviour Implementation /DMO/FSA_BP_R_RootTP

```
CLASS lhc_child DEFINITION INHERITING FROM cl_abap_behavior_handler.
METHOD get_instance_features.
  READ ENTITIES OF /DMO/FSA_R_RootTP IN LOCAL MODE
  ENTITY Child BY \_Root
    FIELDS ( DisableChildOperation )
    WITH CORRESPONDING #( keys )
  RESULT DATA(roots)
  ENTITY Child
    FIELDS ( BooleanProperty )
    WITH CORRESPONDING #( keys )
  RESULT DATA(children).

  DATA(lv_boolean) = roots[ 1 ]-DisableChildOperation.

  result = VALUE #( FOR child IN children
    ( %tky          = child-%tky
      %update       = COND #( WHEN lv_boolean = abap_true
                              THEN if_abap_behv=>fc-o-disabled
                              ELSE if_abap_behv=>fc-o-enabled )
    ) ).

ENDMETHOD.
ENDCLASS.
```

Entity affects field (workaround)

Child Entity (1..n)(#OPTable) (20)

Search

Create Child from Root (#ActionOverload)CreateDelete

<input type="checkbox"/> String Property	Percentage (0.0...	Toggle Delete ...	Child Pieces (#Side...	Stream readon...	Attachment (#Strea...	Attachment (#Strea...
<input type="checkbox"/> Child entity 954.	55.57	<input checked="" type="checkbox"/>	10	No	↑ ⌵	>
<input type="checkbox"/> Child entity 907.	24.99	<input checked="" type="checkbox"/>	20	No	↑ ⌵	>
<input type="checkbox"/> Child entity 810.	81.74	<input checked="" type="checkbox"/>	30	No	↑ ⌵	>
<input type="checkbox"/> Child entity 799.	0.40	<input checked="" type="checkbox"/>	40	No	↑ ⌵	>
<input type="checkbox"/> Child entity 788.	28.60	<input type="checkbox"/>	50	No	↑ ⌵	>

More
[5 / 20]

Side Effects (#SideEffectsSection)

Reset (#SideEffectsAction)

Total (Change Pieces at Child Entities):
15%

(Change to the past -trigger validation):
May 24, 2024

(Change to see Navigation (1..1) change):
Diam Stet Lorem no no accusam.

Children Created from Action Overload (Click Reset to set
Children Created from Action Overload (Click Reset to set)

(Check - Disable update of child):

SaveChange Criticality (#OPDetermineAction)Discard Draft

When an instance of an associated entity is deleted, a field should be updated. While there is no dedicated syntax to cater for this use case, this can be achieved with a workaround by defining a determination that is always called by a determine action, with side effect defined for the determine action.

In our example, updating `ChildPieces` at the associated entity `_Child` will update the field `TotalPieces` of the `Root` entity.

Note

Source: Behaviour Definition /DMO/FSA_R_RootTP

```
define behavior for /DMO/FSA_R_RootTP alias Root
...
determination updateTimesChildCreated on save { create; }

determine action updateTimes { determination ( always ) updateTimesChildCreated; }

{
  side effects {
    determine action updateTimes executed on entity _Child affects field TotalPieces;
  }
}
```

Note

Source: Behaviour Implementation /DMO/FSA_BP_R_RootTP

```
METHOD updateTimesChildCreated.
  READ ENTITIES OF /DMO/FSA_R_RootTP IN LOCAL MODE
  ENTITY Root BY \_Child
  FIELDS ( ChildPieces ) WITH CORRESPONDING #( keys )
  RESULT DATA(children).

  MODIFY ENTITIES OF /DMO/FSA_R_RootTP IN LOCAL MODE
  ENTITY Root
  UPDATE
  FIELDS ( TotalPieces )
  WITH VALUE #( FOR key IN keys
    ( %tky = key-%tky
      TotalPieces = REDUCE i( INIT val TYPE i
        FOR child IN children
        NEXT val += child-ChildPieces )
      %control-TotalPieces = if_abap_behv=>mk-on ) )
  FAILED DATA(upd_failed)
  REPORTED DATA(upd_reported).

  reported = CORRESPONDING #( DEEP upd_reported ).
ENDMETHOD.
```

More Information:

- [ABAP RESTful Application Programming Model - Side Effects](#)
- [ABAP Cloud: RAP Side Effects](#)

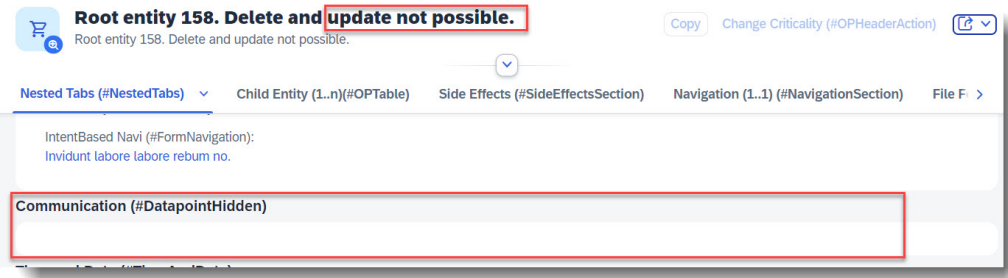
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Hiding Data Points

Search term: #DatapointHidden

Warning

Only available with the latest [SAP BTP or SAP S/4HANA Cloud, public edition release](#).



If you are showing data points in the sections of your object page, it is possible to hide them using annotation `@UI.datapoint.hidden`, either with a constant `true` or with a reference to a boolean property.

In this example, `Email` and `Telephone` will be hidden when the root instance is not updateable.

Caution

There is a limitation with using this annotation at the header section. Refer to [Constraints](#)

Note

Source: Metadata Extension /DMO/FSA_C_RootTP

```
annotate entity /DMO/FSA_C_RootTP with
{
  @UI.facet: [
    // Search Term #DatapointHidden
    {
      purpose: #STANDARD,
      type: #COLLECTION,
      label: 'Communication (#DatapointHidden)',
      id: 'datapointHidden',
      parentId: 'Nested'
    },
    {
      parentId: 'datapointHidden',
      type: #DATAPOINT_REFERENCE,
      targetQualifier: 'Email'
    },
    {
      parentId: 'datapointHidden',
      type: #DATAPOINT_REFERENCE,
      targetQualifier: 'Telephone'
    }
  ]
}

...
UpdateHidden;

// Search Term #DatapointHidden
@UI.datapoint: {
  title: 'Email (#DatapointHidden)',
  qualifier: 'Email',
  hidden: #(UpdateHidden)
}
@endUserText.label: 'Email (#DatapointHidden)'
Email;

// Search Term #DatapointHidden
@UI.datapoint: {
  title: 'Telephone (#DatapointHidden)',
  qualifier: 'Telephone',
  hidden: #(UpdateHidden)
}
@endUserText.label: 'Telephone (#DatapointHidden)'
Telephone;
}
```

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