

FieldDiff

User's Manual

Value Plus Co., ltd.

Updated November 2023

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①Application Overview

About FieldDiff

Application Overview

An application that detects differences between data records and between fields, and string comparisons can be easily performed without exporting.
The fields to be displayed can be set for each profile, and item-level security is supported.

- 100% native applications
- Almost all data types are supported, including long text areas
- Lightning, Classic compatible
- Field Access Rights Compliance
- Able to specify fields to be compared on a per-profile basis
- Multi-language support (Japanese, English)

Setting Method

See separate page.

Specifications

- Records to be compared can be selected on the standard list view screen.
- Selected records are displayed on the list screen according to the order of creation date.
- Data fields with long strings are set to the comparison standard (left side area).
- The next field for comparison can be selected consecutively without deselection.
- Error messages are displayed for fields to which the user does not currently have access rights.

②How to set up

About Common Environment Settings

To use Field Diff (set in the list view screen), please implement the following settings.
*For detailed settings, see the next page and beyond.

■Common Settings

・Set custom settings (Hierarchiy).

1． Define the field set name (FC_FieldSet)

Define the field set names to be used in each profile.
・Set the default field set name to the organization's default.
Default field set name: Default_FieldSet
・Field set names can be set for each profile as needed .
1 type per profile

2. maximum number of records to be selected (FC_SelectRecord)

Defines the number of records that can be selected in the standard list view.
・Set the maximum number of record selections in the list view to the organization's default.
Enter as an integer value.

・Set the authority set (FC_ComparePermissionSet). (Set at the end)

Assign permission sets to users.

Compare fields
Define field set

Define the maximum number of records to be selected

Grant access rights to users

How to set up (environment common settings①)

To define the field set name to be used for each profile,
Set the field set name in the custom settings.

Define custom settings.

1．Define field sets.

Procedure

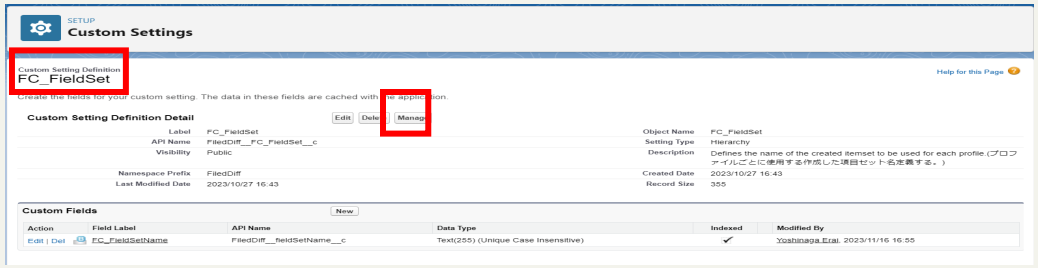
[Settings -> Custom Codes -> Custom Settings

▼

Custom setting "**FC_FieldSet**
-> Manege button is pressed.

Default name is Default_FieldSet fixed at

- Set the value of the default organization level with 'Default_FieldSet'.
  (Default value definition = Default_FieldSet)
- Set the field set name corresponding to the profile, if necessary.
  (Fixed definition of one type for each profile)
- Use "Hierarchical" for custom settings.



How to set up (environment common settings②)

Please follow the steps below to apply the maximum number of records that can be selected in the list view.

2．Define the maximum number of records to be selected.

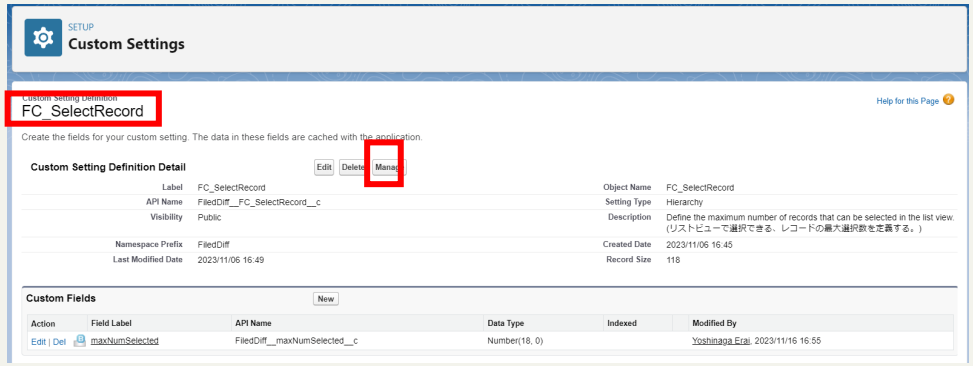
Procedure

[Settings -> Custom Codes -> Custom Settings

▼

Custom setting "**FC_SelectRecord**
-> Manege button is pressed.

・Set the value of the default organization level as a numeric integer (2 or more).
(Default value definition = 5)



How to set up (from the guide page)

Custom settings can be easily registered from the bottom of the guide page.

1. organization default settings

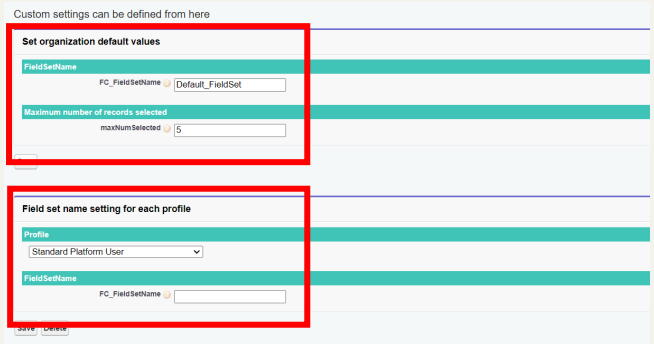
・field set name
・Maximum number of records selected

Default values for both are defined and can be registered by pressing the "Save" button.

2. field set name setting for each profile

・Select a profile from the selection list
->The name of the field set currently registered is displayed (blank if not present)

[Save] button: Update and save
[Delete button: Clear field set name



How to set up (environment common settings③)

Add an authorization set to grant users access to Field Diff.

1．Assign a permission set (FC_ComparePermissionSet) to a user.

Grant access rights to users for metadata included in the management package. (Apex classes, Visualforce pages, Visualforce components, custom settings, etc.)

About object common settings

To use Field Diff (set in the list view screen), please implement the following settings.
*For detailed settings, see the next page and beyond.

■ **Object common settings (settings for each object)**

- **Set up a list view button.**

  - Create field set
    Default field set name: Default_FieldSet
  - Field set name per profile: (name set in custom settings)
  - If field sets for each profile have not been created, the default is applied

  .

  - Creation of entry page (Visualforce)
  - Creation of list view button (custom)

Create a Visualforce button that transitions from the list view

Setting Method (Object Common Settings①)

Set up a custom button on the standard list view screen for each object you wish to use,
Please implement object common settings 1-4 to move to the comparison page.
*The setting method is the same for both standard and custom objects.

First, please follow the steps below to create a field set to be displayed on the comparison page.

1. create a field set for the object.

Procedure

[Settings -> Object Manager -> Any Object -> Field Set

▼

(Required) 1. Create a field set for default (Default_FieldSet).
2. Add a field to the field set.

If necessary, the comparison field target can be specified for each profile.
*Use the name created in the custom settings.
*One field set per profile.
*If field sets for each profile have not been created, the defau[illegible]

Default nameDefault_FieldSet is fixed

The name of the field can be set arbitrarily.
Used in step 2.

Setting Method (Object Common Settings②)

Next, create a list view button to select a record and go to the page for field comparison.
Please follow the steps below to create a Visualforce page that is called from a button.

1. Create an entry page (Visualforce page).

Procedure

[Settings] -> [Custom Code] -> [Visualforce Page].

▼

Create a Visualforce page for each object.
The code on the Visualforce page is Copy & Paste with reference to the code on the next page.

How to set up (for Page Copy & Paste)

```
<! -- Visualforce page template for list view button placement copy -->.
<! -- sObject_APIName: sObjectAPI Name -->.

<! -- ① Set the object API name to standardController. -->
<apex:page standardController="Account" recordSetvar="recs" sidebar="false">
    <apex:image url="{!$Resource.FieldDiff__FC_Loading}" style="width: 60px; position: absolute; top: 50%; left: 50%;
transform: translate(-50%,-50%);"/>
    <script type="text/javascript">
        sessionId = '{!GETSESSIONID()}';

        <script type="text/javascript" src="/soap/ajax/59.0/connection.js"></script>
        <script type="text/javascript" src="/soap/ajax/59.0/apex.js"></script>
        <script type="text/javascript">
            var records = "<apex:repeat value="{!selected}" var="s">{!s.Id},</apex:repeat>".slice(0,-1).split(',');
            /* ② Set &obj= to the object API name. */
            window.location.href="/apex/FieldDiff__FC_DynamicComparePage" + "?ids=" + records + "&obj=" + "Account";
    </script>
</apex:page>
```

(1) Set the object API name to be used

(2) Set the object API name to be used

Created on page 13,
To the code on the Visualforce page,
Copy and paste the above code to overwrite

object API name
- Standard
- Custom: Object name with _c

Setting Method (Object Common Settings③)

Please follow the steps below to create a button on the standard list view screen.

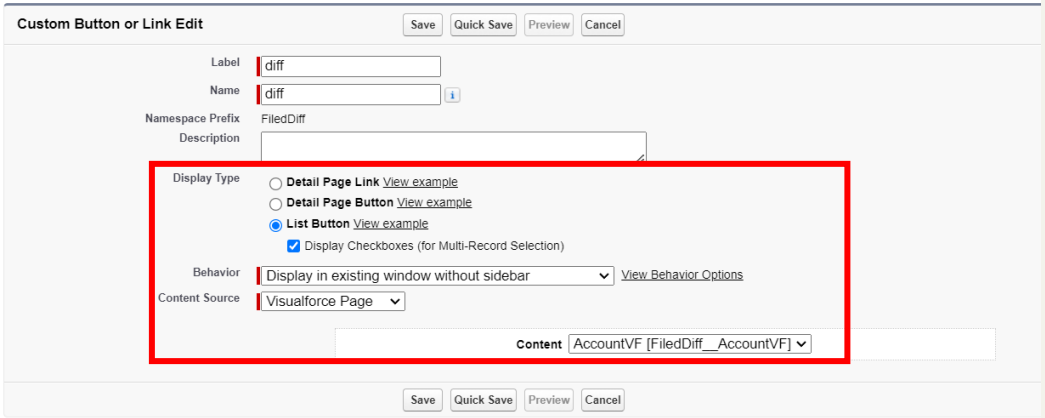
1. create a list view button.

Procedure

[Settings -> Object Manager -> Any Object -> Buttons, Links, and Actions

▼

Create from [New Button or Link].
Content: Assign the Visualforce page created on the previous page.



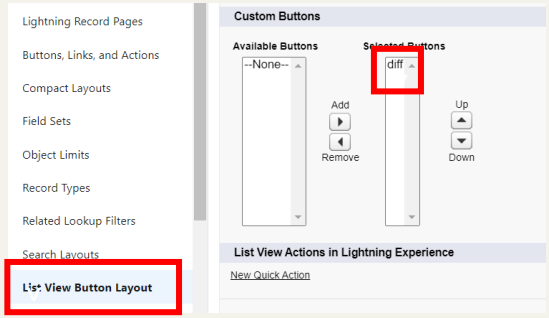
Setting Method (Object Common Settings④)

Please follow the steps below to add a button to the standard list view screen layout.

1. add the created button from the list view button layout.

Procedure

[Settings -> Object Manager -> Any Object -> List View Button Layout



* If the List View Button Layout column is not displayed in the Object Manager, Check and edit the following from the object details

・Check "Allow search
(If not checked, it will not be displayed.)



How to use (Sample DEMO)

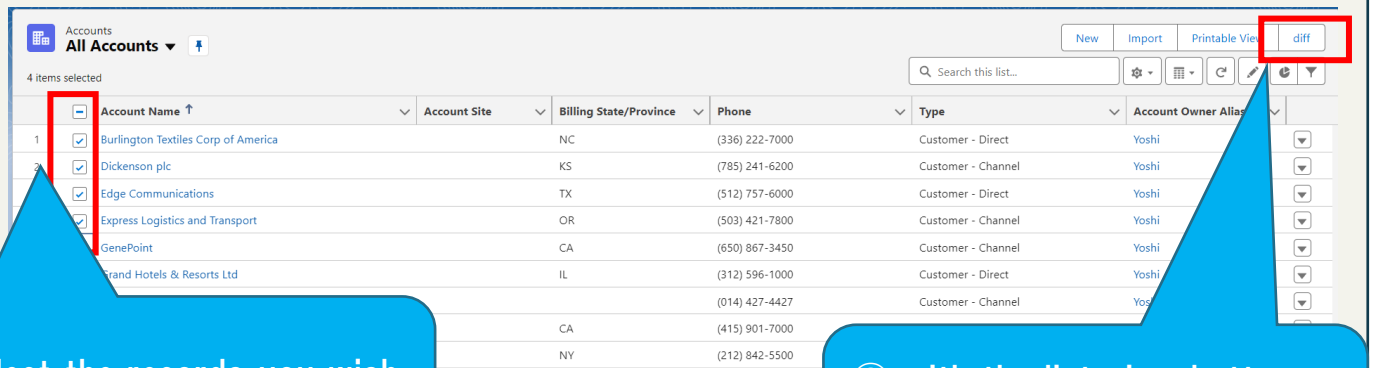
Usage (sample: record selection)

The standard object (Account) is used as an example.
*Same for custom objects.

Select the target record from the standard list view screen and press the list button.

1. select a record in the list view of each object.
***Lightning must be the same record type.**

2. Click the list view button you created.



①Select the records you wish to compare.

② with the list view button.
Field Diff App
Call the

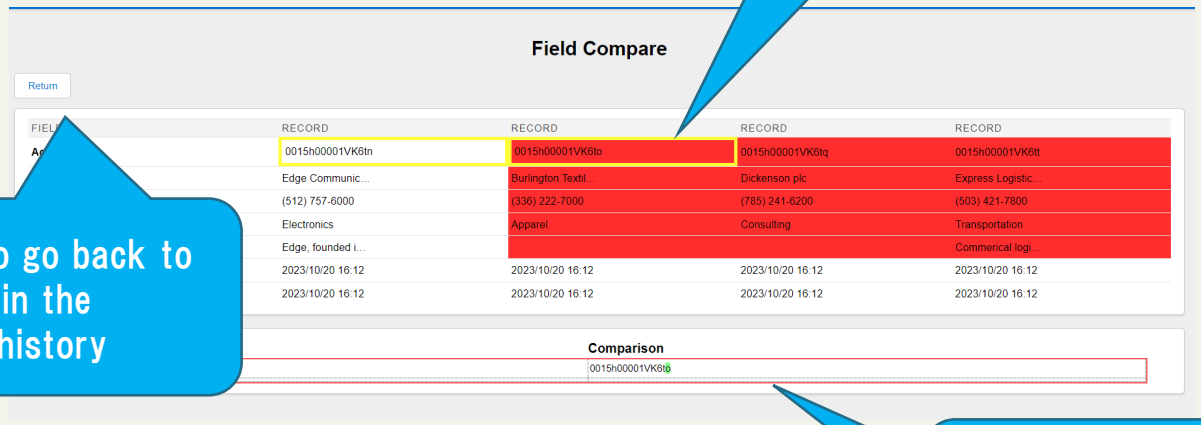
Usage (sample: field comparison)

Select the two fields you wish to compare and compare the fields.

1. select two of the same field.

・The selected field is surrounded by a yellow
・Comparison of the same field (select the same fiel
・From the two-selection state, another value can
cted for successive comparisons.
・One field can be deselected by selecting an alr selected field.

①Select two fields you wish to compare.
Comparison on the same field (row) only.



②Specification to go back to the previous one in the browser session history

2. Press the Back button to return to the

Display comparison results in real time.