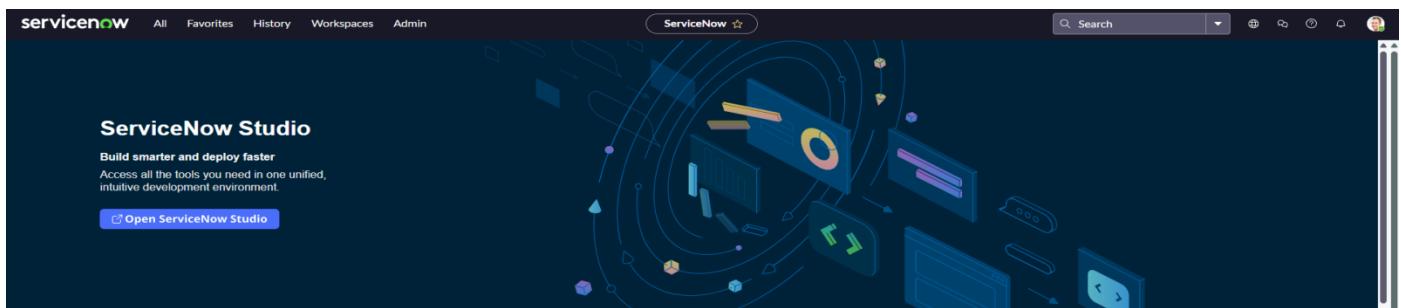


Calculating Family Expenses using Service Now

SCREENSHOTS:



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This screenshot shows the 'Update Set - Create New Update Set' screen. The left sidebar is expanded to show 'Configuration' and 'System Localization' sections, with 'Local Images' selected. The main form has fields for 'Name' (set to 'Family Expenses'), 'State' (set to 'In progress'), and 'Parent'. The 'Submit' and 'Submit and Make Current' buttons are at the bottom. Red arrows labeled 1 through 5 point to the 'All' button in the sidebar, the 'Name' field, the 'Submit and Make Current' button, and the 'Local Update Sets' button in the sidebar respectively.

This screenshot shows the 'Table - New record' screen. The left sidebar is collapsed. The main form has fields for 'Label' (set to 'Family Expenses'), 'Name' (set to 'u_family_expenses'), and 'Extends table'. On the right, there are options for 'Application' (set to 'Global'), 'Create module' (checked), 'Create mobile module' (checked), 'Add module to menu' (set to '-- Create new --'), and 'New menu name' (set to 'Family Expenditure'). Below the form is a table titled 'Dictionary Entries' with columns for 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. A row in the table is shown with the label 'Insert a new row...'. Red arrows labeled 1 through 5 point to the 'Label' field, the 'Create module' checkbox, the 'New menu name' field, the 'Dictionary Entries' table, and the 'Insert a new row...' button respectively.

Table New record

A table is a collection of records in the database. Each record corresponds to a row in a table, and each field on a record corresponds to a column on that table. Applications use tables and records to manage data and processes. [More Info](#)

* Label	Family Expenses	Application	Global
* Name	u_family_expenses	Create module	<input checked="" type="checkbox"/>
Extends table		Create mobile module	<input checked="" type="checkbox"/>
		Add module to menu	-- Create new --
		New menu name	Family Expenditure

Columns Controls Application Access

Table Columns for text Search

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Number	String				false
Date	Date				false
Amount	Integer				false
Expense Details	String		800		false

servicenow All Favorites History Workspaces Admin Dictionary Entry - Number

Dictionary Entry Number View:Advanced*

A dictionary entry manages how ServiceNow stores data in tables and fields (columns). For new dictionary entries, select a Table and the field Type of the new column. Also enter a column label, which becomes the field label, and the column name. If necessary, set a Max length for text String type fields, make the field Mandatory to save a record, and make the field a Display Value for reference fields so it appears on records that reference this table. [More Info](#)

* Table	Family Expenses [u_family_expenses]	Application	Global
* Type	String	Active	<input checked="" type="checkbox"/>
* Column label	Number	Function field	
* Column name	u_number	Read only	<input checked="" type="checkbox"/>
* Max length	40	Mandatory	<input type="checkbox"/>
		Display	<input type="checkbox"/>

Alters the behavior of a field or functionality that depends on the field. [More Info](#)

Attributes

servicenow All Favorites History Workspaces Admin Number - MFE

Number MFE

* Table	Family Expenses	Prefix	MFE
* Number		Application	Global
Number of digits	7		

Update Delete

Related Links

Show Counter

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All > Keywords = Family

Prefix	Number	Number of digits	Table	Updated
MFE	1,000	7	Family Expenses	2025-10-24 23:36:50

Form Design

The screenshot shows the 'Form Design' interface for creating a new form. On the left, there's a sidebar with sections for 'Fields' and 'Field Types', and 'Formatters'. The main area displays a form structure for 'Family Expenses [u_family_expenses]'. It includes fields for 'Number' (Number type), 'Date' (Date type), and 'Amount' (Number type). Below these are sections for 'Expense' (1 Column) and 'Expense' (2 Column).

ServiceNow - Family Expenses - Create MFE0001016

This screenshot shows the 'Create' screen for a 'Family Expenses' record. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Family Expenses - Create MFE0001016'. The form has fields for 'Number' (MFE0001016), 'Date' (a date input field), and 'Amount' (a number input field). A large text area labeled 'Expense' is empty. At the bottom are 'Submit' and 'Cancel' buttons.

Table - Daily Expenses

This screenshot shows the 'Table Definition' interface for 'Daily Expenses'. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Table - Daily Expenses'. The table structure is defined with columns: 'Label' (set to 'Daily Expense') and 'Name' (set to 'u_daily_expenses'). The table has 11 rows of data. At the bottom are 'Delete', 'Update', and 'Delete All Records' buttons.

Column label	Type	Reference	Max length	Default value	Display
Created by	String	(empty)	40		false
Comments	String	(empty)	800		false
Expense	Integer	(empty)	40		false
Sys ID	Sys ID (GUID)	(empty)	32		false
Created	Date/Time	(empty)	40		false
Family Member Name	Reference	User	32		false
Date	Date	(empty)	40		false
Updates	Integer	(empty)	40		false
Updated by	String	(empty)	40		false
Updated	Date/Time	(empty)	40		false
Number	String	(empty)	40	javascript:getNextObjNumberPadded();	false

Table - New record

This screenshot shows the 'Table Creation' interface for 'Daily Expenses'. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Table - New record'. The form has fields for 'Name' (u_daily_expenses) and 'Extends table' (with a search input). There are checkboxes for 'Create module' (checked), 'Create mobile module' (checked), and 'Add module to menu' (Family Expenditure). At the bottom are 'Submit' and 'Cancel' buttons.

Column label	Type	Reference	Max length	Default value	Display
Number	String		800		false
Family Member Name	Reference	User			false
Date	Date				false
Expense	Integer				false
Comments	String				false

servicenow All Favorites History Workspaces Admin **Dictionary Entry - Number**

Dictionary Entry Number View:Advanced*

A dictionary entry manages how ServiceNow stores data in tables and fields (columns). For new dictionary entries, select a Table and the field Type of the new column. Also enter a column label, which becomes the field label, and the column name. If necessary, set a Max length for text String type fields, make the field Mandatory to save a record, and make the field a Display Value for reference fields so it appears on records that reference this table. [More Info](#)

* Table	Daily Expenses [u_daily_expenses]	Application	Global
* Type	String	Active	<input checked="" type="checkbox"/>
* Column label	Number	Function field	<input type="checkbox"/>
* Column name	u_number	Read only	<input checked="" type="checkbox"/>
* Max length	40	Mandatory	<input type="checkbox"/>
Display <input type="checkbox"/>			
Alters the behavior of a field or functionality that depends on the field. More Info			
Attributes <input type="text"/>			
Choice List Specification Calculated Value Default Value <p>The Default value specifies what value the field has when first displayed.</p> <p>Use dynamic default <input checked="" type="checkbox"/></p> <p>Dynamic default value <input type="text"/> Get Next Padded Number <input type="button"/></p>			
Delete Column Update			

servicenow All Favorites History Workspaces Admin **Number - MFE**

Number MFE

* Table	Daily Expenses	Application	Global
Prefix	MFE	Number of digits	7
* Number	1,000	Number of digits	7
Update Delete			
Related Links Show Counter			

Daily Expenses [u_daily_expenses]

2 Column

<input type="text"/> Number	<input type="text"/> Family Member Name
<input type="text"/> Date	<input type="text"/> Expense

1 Column

<input type="text"/> Comments

servicenow All Favorites History Workspaces Admin **Relationship - Daily Expenses**

Relationship Daily Expenses

Name <input type="text"/> Daily Expenses	Application Global
Advanced <input type="checkbox"/>	Applies to table <input type="text"/> Family Expenses [u_family_expenses]
Queries from table <input type="text"/> Daily Expenses [u_daily_expenses]	
This script refines the query in current that will populate the related list. For more information about it, its parameters and control variables, see the documentation . See also the article about the recommended form of the script.	
Query with <input checked="" type="radio"/> Turn on ECMAScript 2021 (ES12) mode <input type="radio"/> <pre>1 (function refineQuery(current, parent) { 2 3 // Add your code here, such as current.addQuery(field, value); 4 current.addQuery('u_date',parent.u_date); 5 current.query(); 6 7 8 })(current, parent);</pre>	
Update Delete	

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[Configuring related lists on Family Expenses form](#)

Available Selected

Attachments Daily Expenses

> < ^ v

View name: Default view Cancel Save

Related Links
[Show versions](#)

servicenow All Favorites History Workspaces Admin Business Rule - Family Expenses BR ⚡

Business Rule
Family Expenses BR

A business rule is a server-side script that runs when a record is displayed, inserted, deleted, or when a table is queried. Use business rules to automatically change values in form fields when the specified conditions are met. [More Info](#)

Name: Family Expenses BR Application: Global

Table: Daily Expenses [u_daily_expenses] Active: Advanced:

When to run Actions Advanced

Condition:

Script: Turn on ECMAScript 2021 (ES12) mode 

```
1 (function executeRule(current, previous /*null when async*/) {  
2     var FamilyExpenses = new GlideRecord('u_family_expenses');  
3     FamilyExpenses.addQuery('u_date', current.u_date);  
4     FamilyExpenses.query();  
5     if(FamilyExpenses.next())  
6     {  
7         FamilyExpenses.u_amount += current.u_expense;  
8         FamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + "Rs." + current.u_expense + "-";  
9         FamilyExpenses.update();  
10    }  
11    else  
12    {  
13        var NewFamilyExpenses = new GlideRecord('u_family_expenses');  
14        NewFamilyExpenses.u_date = current.u_date;  
15        NewFamilyExpenses.u_amount = current.u_expense;  
16        NewFamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + "Rs." + current.u_expense + "-";  
17        NewFamilyExpenses.insert();  
18    }  
19}  
20)(current, previous);  
21  
22
```

servicenow All Favorites History Workspaces Admin Relationship - Daily Expenses star

Name **Daily Expenses** Application Global edit more update delete

Relationship Daily Expenses Advanced checkbox

Applies to table Family Expenses [u_family_expenses] dropdown

Queries from table Daily Expenses [u_daily_expenses] dropdown

This script refines the query in current that will populate the related list. For more information about it, its parameters and control variables, see [the documentation](#). See also the article about the [recommended form of the script](#).

Query with checkbox Turn on ECMAScript 2021 (ES12) mode info

refresh cancel undo redo copy cut paste find select all format script editor script preview script history

```
1 (function refineQuery(current, parent) {  
2     // Add your code here, such as current.addQuery(field, value);  
3     current.addQuery('u_date',parent.u_date);  
4     current.query();  
5 })(current, parent);  
6  
7  
8 }
```

Update Delete

Result / Output

- Enter the details and then submit it.

Daily Expenses - Create MFE0001025

Number	MFE0001025	* Family Member Name	Waldo Sisk
* Date	2025-10-01	Expense	15,000
Comments	Courses fee		

Submit

- Detail will be updated on **Daily Expenses**.

Daily Expenses

Number	Comments	Date	Expense	Created by
MFE0001018	party	2025-10-15	13,333	admin
MFE0001015	EMI	2025-10-23	5,000	admin
MFE0001017	college fees	2025-10-22	20,000	admin
MFE0001013	traveling	2025-10-30	500	admin
MFE0001020	petrol	2025-11-05	500	admin
MFE0001016	mobile	2025-10-23	10,000	admin
MFE0001025	Courses fee	2025-10-01	15,000	admin
MFE0001014	Netflix	2025-10-21	2,500	admin

- Daily Expenses Details will be automatically updated on **Family Expenses**.

Family Expenses

Number	Amount	Date	Expense
MFE0001018	15,000	2025-10-01	
MFE0001010	2,500	2025-10-21	
MFE0001011	15,000	2025-10-23	
MFE0001009	1,000	2025-11-20	subscription
MFE0001012	20,000	2025-10-22	
MFE0001013	13,333	2025-10-15	
MFE0001008	500	2025-10-30	travelling
MFE0001014	500	2025-11-05	

- Output will be successfully updated.

Family Expenses - MFE0001018

Number	MFE0001018	* Date	2025-10-01
Expense		* Amount	15,000

Update Delete

Daily Expenses

Number	Comments	Date	Expense
MFE0001025	Courses fee	2025-10-01	15,000

1 to 1 of 1