

How to create a calculated field in Report Writer to print Extender fields in Microsoft Dynamics GP reports

CONFIDENTIAL ARTICLE

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INTRODUCTION

This article describes how to create a calculated field in Report Writer in Microsoft Dynamics GP so that you can print Extender fields in Microsoft Dynamics GP reports.

The calculated field that you create will use the **rw_TableHeaderString** user-defined function to print the Extender fields on the Microsoft Dynamics GP reports.

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MORE INFORMATION

In Report Writer, create a calculated field for the report that you want to modify. Use "string" as the result type. To add the **rw_TableHeaderString** function, follow these steps:

1. Click the **Functions** tab.
2. In the **Functions** list, click **User-Defined**.
3. In the **Core** list, click **System**.
4. In the **Function** list, click **rw_TableHeaderString**, and then click **Add**.

The rw_TableHeaderString function

```
function returns string sData;  
  
in integer dict_id;           {Dictionary ID}  
in string report_name;       {Report Name}  
in string sNumber;           {control field}  
in integer sType;            {control field}  
in integer iControl;         {which piece of data to return}
```

This function returns a string value for the selected Extender field to the calculated field. Specify the following values for the **rw_TableHeaderString** function.

- **Parameter 1: 3107** for the Extender product

This value is the dictionary ID of the third-party product. The third-party product should validate the dict_id parameter against its own dictionary ID. Then, the third-party product will close if the function does not correspond to this product

- **Parameter 2:** The Extender Window ID

This value is the name of the report from which this function was called. This parameter may not be used in all situations. The report name is passed to the function if it is required.

Note This string value must be the same as the **Extender ID** value. Otherwise, the field will not print.

- **Parameter 3:** The key that you use in the Extender window

This value is a string that is part of the control field.

Note If the Extender window uses multiple keys, we recommend that you create a separate calculated field to perform the following actions:

- Convert any keys that are not already strings to strings.
- Concatenate the values that are in the Extender key fields.

- **Parameter 4: 0** (zero) for the Extender product

This value is an integer that represents the field type of the control field. The value is always 0 for the Extender product

- **Parameter 5:** The field number of the Extender field that you want to print

This value is an integer that is used to determine which piece of data to return.

Note If you want the third Extender field to print, this value must be 3.

For more information about how to create an Extender calculated field, click the following article number 898983 to view the article 898983 in the Microsoft Knowledge Base:

[898983](#) How to modify the SOP Blank Order Form report to include information from an Extender window for the Sales Transaction Entry window in Microsoft Dynamics GP and in Microsoft Great Plains

If you have to find the field type for parameter 4, follow these steps:

1. In Microsoft Dynamics GP, click **Tools**, click **Resource Descriptions**, and then click **Fields**.
2. In the **Product** list, click **Microsoft Dynamics GP**. In the **Series** list, click the series that you are using.
3. Click the field that you must have for the Extender key, and then click the **Field Info** button.
4. In the **Control Type** column, click the field type that you want to use.

For example, the value for the **Line Item Sequence** field in the **Sales** series is a long integer. Therefore, you must use the **LNG_STR** function to convert this field to a string.

The new calculated field must not contain extra spaces. Use the **STRIP** function in the calculated field to remove any extra spaces. Use the **CAT** operator to concatenate the values that are in the fields.

To see what the output should be, view the **PT_UD_Key** column in the EXT00100 table. The EXT00100 table shows the values of the Extender key fields concatenated in alphabetical order.

APPLIES TO

- Extender
- Report Writer, when used with:
 - Microsoft Dynamics GP 9.0
 - Microsoft Business Solutions–Great Plains 8.0

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