Example1: PurchaseExample1

In this report I have a dataset with: Purchase Header and Purchase Line:

```
report 50100 PurchaseExample1
   UsageCategory = ReportsAndAnalysis;
   ApplicationArea = All;
   Caption = 'PurchaseExample1';
   RDLCLayout = 'PurchaseExample1.rdl';
       dataitem(PurchaseHeader; "Purchase Header")
           PrintOnlyIfDetail = true;
           RequestFilterFields = "No.", "Document Type";
           0 references
column(DocumentNo; "No.")
           column(BuyfromVendorNo; "Buy-from Vendor No.")
           column(BuyfromVendorName; "Buy-from Vendor Name")
            column(DocumentDate; "Document Date")
           dataitem(PurchaseLine; "Purchase Line")
                DataItemLink = "Document No." = field("No."); // This is the link from Line to Header
               DataItemTableView = sorting("Line No.");
               column(No; "No.")
               O references column(Amount; Amount)
```

Also, there's an empty request page:

In the layout I have the following:

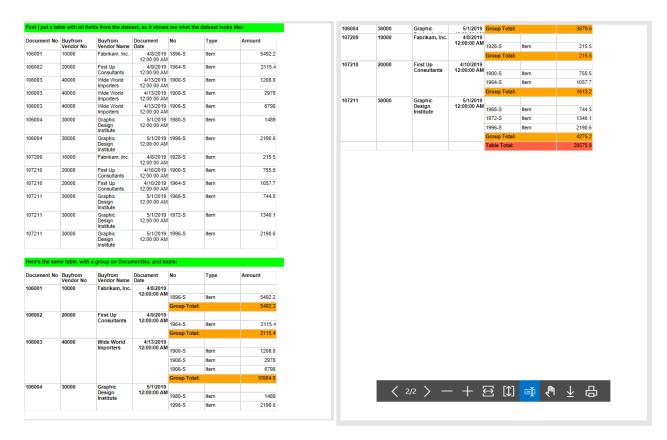
Document No	Buyfrom	Buyfrom	Document	No	Туре	Amount
[DocumentNo]	[BuyfromVendor	[BuyfromVendor	[DocumentDate]	[No]	[Type]	[Amount]
ocument No	Buyfrom	Buyfrom	Document	No	Type	Amount
Document No	Buyfrom	Buyfrom	Document	No	Туре	Amount
	Buyfrom [BuyfromVend	-			Туре	Amount
Document No [DocumentNo]	•	-			Type [Type]	Amount [Amount]
	•	-	[DocumentDate		[Type]	

The first table simply contains all fields from the dataset. I always add this because then I can see if there's an error in the dataset or an error in the layout, in case something looks strange.

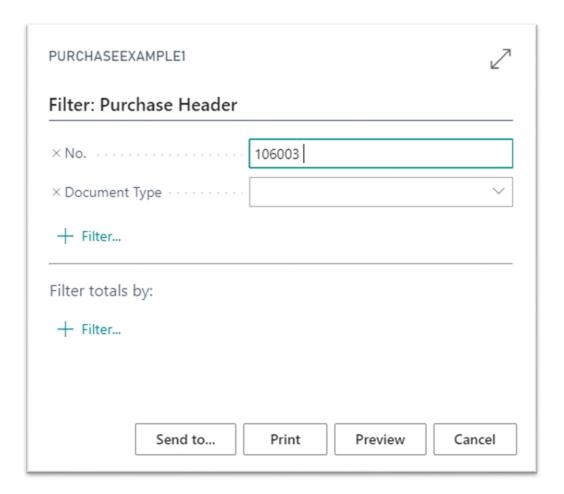
The second table has the same fields, but with a grouping on DocumentNo, and a groupheader/footer and a Table footer row.

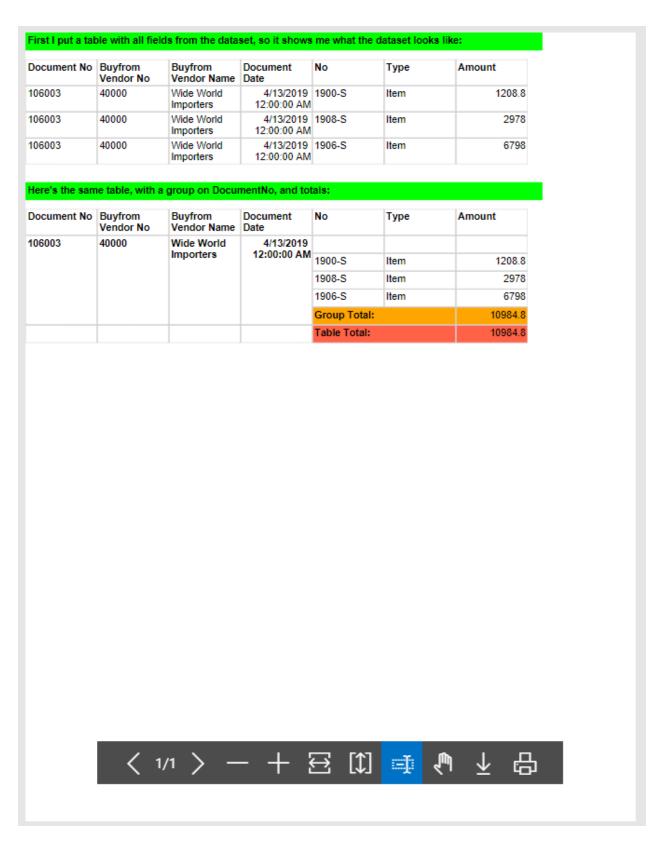
When you run the report, without any filters, you see this:

PURCHASEEXAMPLE1	Z
Filter: Purchase Header	
× No	
× Document Type · · · · · · · ·	
+ Filter	
Filter totals by:	
+ Filter	
Send to	Print Preview Cancel



And when you apply a filter on a certain document, you get the following:





So the filter is actually applied, and everything works.

But, sometimes you add extra dataitems to the dataset, with some programming, and so on, and then suddenly the filters from the dataitems in the requestpage might not be applied anymore. A solution for that is the second example, in which I will use a variable in the request page and use its value to filter the dataitem in the OnPreDataitem trigger.

Example1: PurchaseExample2

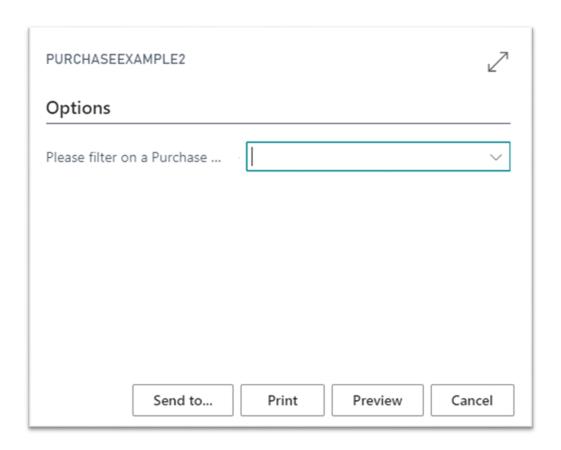
This is the dataset of the second example report:

I have hidden the two dataitems from the requestpage using the sorting property and by disabling the reqfilterfields.

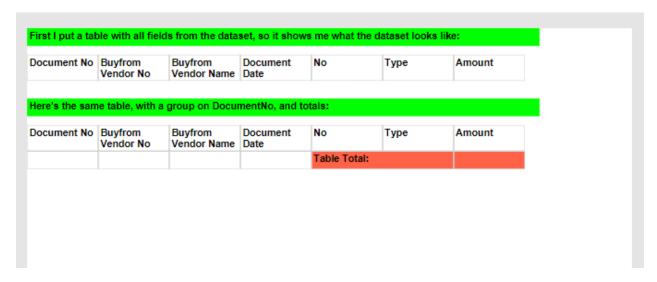
In the OnPreDataItem() trigger of the purchase header I'm filtering, using a global variable, that is also on the request page:

```
0 references
requestpage
    layout
    {
        0 references
        area(content)
            0 references
            group(Options)
                0 references
                field(DocumentNumberFilter; DocumentNumberFilter)
                     TableRelation = "Purchase Header"."No.";
                     ApplicationArea = All;
                     Caption = 'Please filter on a Purchase Document: ';
    actions
        0 references
        area(processing)
    2 references
    DocumentNumberFilter: code[20];
```

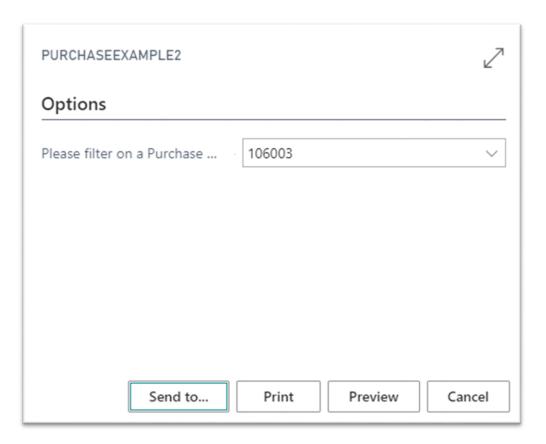
When you run the report, you see this:



When you don't provide a Purchase Header No, then no data is returned:



Otherwise you get this:



Document No	Buyfrom Vendor No	Buyfrom Vendor Name	Document Date	No	Type	Amount
106003	40000	Wide World Importers	4/13/2019 12:00:00 AM		Item	1208.8
106003	40000	Wide World Importers	4/13/2019 12:00:00 AM		Item	2978
106003	40000	Wide World Importers	4/13/2019 12:00:00 AM		Item	6798
Here's the san		Buyfrom Vendor Name	Document	als: No	Туре	Amount
Document No	Buyfrom	Buyfrom	Document Date 4/13/2019	No	Туре	Amount
Document No	Buyfrom Vendor No	Buyfrom Vendor Name	Document Date	No	Type	
Document No	Buyfrom Vendor No	Buyfrom Vendor Name Wide World	Document Date 4/13/2019	No		1208.8
Document No	Buyfrom Vendor No	Buyfrom Vendor Name Wide World	Document Date 4/13/2019	No 1900-S	Item	1208.8
	Buyfrom Vendor No	Buyfrom Vendor Name Wide World	Document Date 4/13/2019	No 1900-S 1908-S	Item Item	Amount 1208.8 2978 6798 10984.8