Introduction

We may easily e-mail an SQL Account report with Export to E-mail client. However, that function only email to single recipient.

For report like Customer Statement or Aging that possess few hundreds customers. Using the "Export to E-mail client" function is not a favor choice.

Requirements

The following should fulfill while design the email functions:

- 1. All mail operation should perform on E-mail application like Microsoft Outlook, Outlook Express or Mozilla Thunderbird.
- 2. The E-mail client should take care of mail sending, receiving of undelivered mails and archive the mails sent for future reference.
- 3. Mail client should support MAPI. For example, Microsoft Outlook, Outlook Express and Mozilla Thunderbird support MAPI. MAPI is Microsoft Mail API for application to access the mail service.
- 4. An obvious advantage to perform email operation via MAPI is to shift away the burden of email account setting from SQL Application.

E-mail report to each entity seperately

The new enhancement to email report is not limited to customer statement. You may perform on any SQL Account report if there is a need to email report in batch.

The following example show email a customer information. One email for each customer.

- 1. Using Report Designer to design a customer report.
- 2. Add a Group to as a separator for email:

🚷 Groups	
Group[0]:Main.Code	Add
	Insert
Break On	Delete
Data Field	Custom Field
Main.Code	•
On Group Change	

Start new page	Create new file
Reset page number	🔽 Email new file
Start on odd page New page when less than	0
○ Keep group together ☑ Reprint group headers	on subsequent pages
	Cancel

- 3. In group setting, check the following options:
 - a. "Start New Page"
 - b. "Create New file"
 - c. "Email new file"
- 4. Set the email field in TppGroup.GroupFileSettings.EmailField:

A Report			*
Parameters			
▷ ······ Header			
⊿ 🐨 Group [0]: Code			
Header			
	Footer		
	⊿ ····· Detail		
RegWithColor DBText1 DBMemo1 DBTxtStatus SubReport1			
	Footer		
	Summary		
	🔤 🚺 Shape 1		
	DBCalc2		×
Properties for Group1			
Pro	operties for Group1		
_	operties for Group1 Data		
_		Code	
_	Data	Code btDataField	
_	Data BreakName		
	Data BreakName BreakType	btDataField	
	Data BreakName BreakType DataPipeline	btDataField Main (TppGroupFil	eSet
	Data BreakName BreakType DataPipeline Generation	btDataField Main (TppGroupFil Email	eSet
	Data BreakName BreakType DataPipeline Generation	btDataField Main (TppGroupFil Email	eSet
	Data BreakName BreakType DataPipeline Generation GroupFileSettings EmailField	btDataField Main (TppGroupFil Email	eSet
	Data BreakName BreakType DataPipeline Generation GroupFileSettings EmailField EmailFile	btDataField Main (TppGroupFil Email	eSet
	Data BreakName BreakType DataPipeline Generation GroupFileSettings EmailField EmailFile NewFile	btDataField Main (TppGroupFil Email I	eSet
	Data BreakName BreakType DataPipeline Generation Generation EmailField EmailFile NewFile ResetPageNo Identity UserName	btDataField Main (TppGroupFil Email I	eSet
	Data BreakName BreakType DataPipeline Generation GroupFileSettings EmailField EmailFile NewFile ResetPageNo Identity UserName Layout	btDataField Main (TppGroupFil Email I Group 1	eSet
	Data BreakName BreakType DataPipeline Generation Generation EmailField EmailFile NewFile ResetPageNo Identity UserName	btDataField Main (TppGroupFil Email I Group 1	eSet

- 5. Save the report.
- 6. Open Customer Listing Report and Print (not preview) the report:

P	rint	×	J
	Printer <u>N</u> ame: Type: Where:		
	Page Range	Copies	

	Number of copies:
Curren	_
Pages	
	e numbers and/or page ranges by commas. For example,
	P <u>rint</u> All pages in range 🗸
- 🛛 - Print to	o File
Type:	PDF File 🗸
Where:	C: \Users \coder \Desktop \A.pdf
	Email File(s)
	OK Cancel

7. Click OK and the report should email to separate recipient directly.

Additional Setting

In previous example, the setting of TppGroup.GroupFileSettings.EmailField is limited to Master (Main) datapipeline only. If the email field is located in other datapipeline, you may write ReportBuilder script to supply the email address.

Other email setting like CC, BCC, Subject, Body content and attached file name should be set via script too.

These 2 events script are useful for additional email setting:

TppGroup.OnGetEmailSettings

```
procedure Group2OnGetEmailSettings(EmailSettings: TObject);
var B: TStrings;
    M: TppEmailSettings;
begin
    M := TppEmailSettings(EmailSettings);
    B := M.Recipients;
    B.Clear;
    B.Add(Company['Email']);
    B := M.CarbonCopy;
    B.Clear;
    {B.Add('cc@myemail.com');}
    B := M.BlindCarbonCopy;
    B.Clear;
    {B.Add('bcc@myemail.com');}
```

```
M.Subject := 'Statement: ' + Main['CompanyName'] + '[ ' +
Parameter['StatementDate'] + ']';
B := M.Body;
B.Add('Dear ' + Company['Attention']);
B.Add('');
B.Add('');
B.Add('Please check the attachment for statement of ' +
Parameter['StatementDate']);
B.Add('');
B.Add('Best Regards,');
B.Add(Profile['CompanyName']);
end;
```

TppGroup.OnGetFileSuffix

```
procedure Group2OnGetFileSuffix(var SuffixValue: String);
begin
   SuffixValue := Main['CompanyName'];
end;
```