

Oracle Apps Store

## R12 – Custom Check Payment Format

i

21 Votes

In R12, as part of the Upgrade the Custom Payment formats are not defaulted. To convert this we need to customize it, as R12 is using XML publisher to do the same. This document explains the steps required to create a Custom Payment Format.

### **Requirements to create a Custom Payment Format**

The following are the Requirements

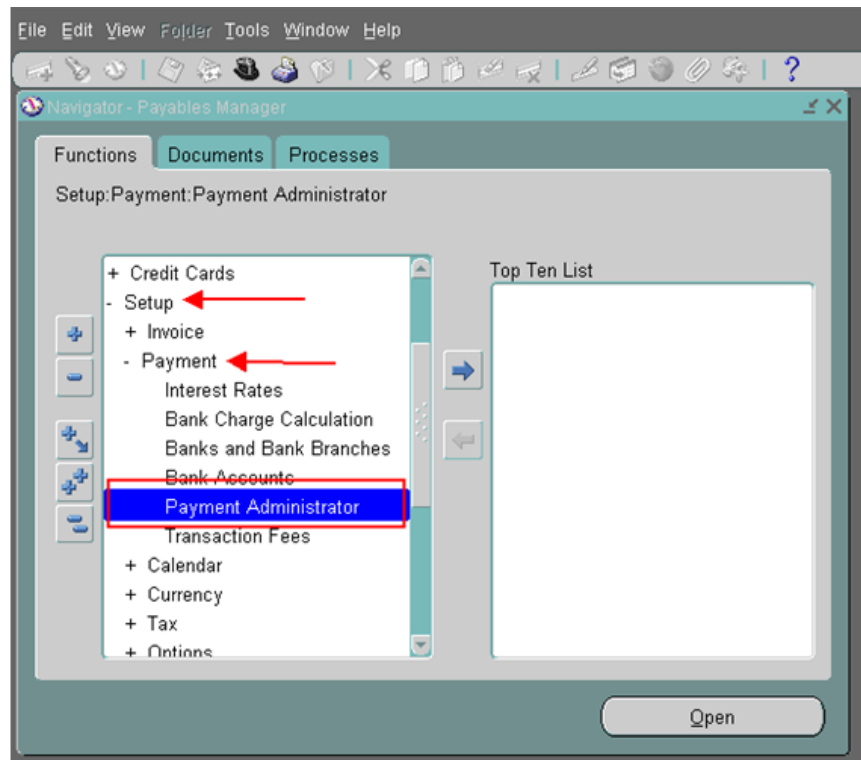
1. Create an .rtf
2. Create an XML Publisher template and attach the .rtf created
3. Create a Payment Format and attach the XML Publisher template
4. Create a Payment Process Profile and attach the Payment Format
5. Create Payables Document under Bank if it doesn't have and attach the Payment Format (step3)

### **Steps**

1. *How to create a Custom Payment Format*

Responsibility – Payables Manager

Navigation – Setup – Payment – Payment Administrator



(<https://oracleappsstore.files.wordpress.com/2012/04/1a.png>).

Clicking on this menu, opens an OAF page, as shown below.

Under Oracle Payments Setup – Under Formats – see for Formats and click on the Go To Task Icon (as shown in the picture below)

Oracle Payments Setup			
Expand All Collapse All			
Focus Task Name	Description	Status	Go To Task
Payments Setup			
Shared Setup			
System Security Options	Set security options for encryption, masking, and credit card control.		
Validations	View validations that can be assigned to formats or disbursement payment methods.		
Formats			
XML Publisher Format Templates	Create and register format templates needed for your payment processing.		
Formats	Define formats, link them to your XML Publisher Templates, and assign validations.		
Payment Systems			
Transmission Configurations	Review transmission protocols and add parameter values to create configurations.		
Payment Systems	Define the external organizations that process your funds capture and disbursement transactions.		
Funds Disbursement Setup			
Payment Methods	Define payment methods, rules for their use on documents to be paid, and validations for documents.		
Payment Method Defaulting Rules	Create and maintain rules for how your payment methods should default on documents to be paid.		
Codes			
Bank Instruction Codes	Define codes required by your format specifications for instructions to your bank.		
Delivery Channel Codes	Define codes required by your format specifications for delivery channel instructions.		
Payment Reason Codes	Define codes required by your format specifications for payment reasons.		
Payment Process Profiles	Create profiles for payment processing. The profiles contain all the rules about how payments are created and disbursed.		
Disbursement System Options	Review and set system options used in the disbursement process.		

(<https://oracleappsstore.files.wordpress.com/2012/04/210.png>).

Name	Code	Type	Data Extract	XML Publisher Template	Author	Attachments	Update
No search conducted.							

(<https://oracleappsstore.files.wordpress.com/2012/04/37.png>).

Enter the below mandatory fields

Oracle Payments Setup - Formats

Warning: Low-level Diagnostic Logging is turned on. This may temporarily reduce performance.

Create Format

\* Indicates required field

\* Code: SAMPLE\_FORMAT\_CODE

\* Name: Disbursement Payment Instruction

\* Data Extract: Oracle Payments Funds Disbursement Payment Instruction Extract, Version 1.0

\* XML Publisher Template: Standard Check Format

\* Attachments: None

Validations

Pre-defined Validations

Select Validation Name	Country	Payment Method	Remove
No validation is assigned.			

User-defined Validations

Select Field Name	Validation Name	Country	Payment Method	Remove
No validation is assigned.				

Additional Information

Context Value: [Dropdown]

(<https://oracleappsstore.files.wordpress.com/2012/04/41.png>).

ORACLE Payments

Oracle Payments Setup - Formats

Update Format: EmpPayCheck Format

\* Indicates required field

\* Code: EMPAYCHECK

\* Name: EmpPayCheck Format

\* Data Extract: Oracle Payments Funds Disbursement Payment Instruction Extract, Version 1.0

\* XML Publisher Template: Standard Check Format

\* Attachments: None

Validations

Pre-defined Validations

Select Validation Name	Country	Payment Method	Status	End Date	Remove
No validation is assigned.					

User-defined Validations

Select Field Name	Validation Name	Country	Payment Method	Status	End Date	Remove
No validation is assigned.						

Additional Information

Context Value: [Dropdown]

(<https://oracleappsstore.files.wordpress.com/2012/04/52.png>).

Enter the Code & Name .

In the Data Extract – choose Oracle Payments Disbursement Payment Instruction Extract, Version 1.0

In the XML Publisher Template – choose **Standard Check Format** (This we will be changing to the Custom XML Publisher Template. We will generate the output in xml and create an .rtf template with the xml code pulling necessary fields required in the final output – Refer to step 7)

Click on Apply. Now, the custom Payment Format is ready.

## 2. Create Payment Process Profile for the Payment Format just created

Navigation – Setup – Payment – Payment Administrator

Click on the Icon – Go to Task against the menu **Payment Process Profiles** as shown below

Focus Task Name	Description	Status	Go To Task
Payments Setup			
Shared Setup			
System Security Options	Set security options for encryption, masking, and credit card control.		
Validations	View validations that can be assigned to formats or disbursement payment methods.		
Formats			
XML Publisher Format Templates	Create and register format templates needed for your payment processing.		
Formats	Define formats, link them to your XML Publisher Templates, and assign validations.		
Payment Systems			
Transmission Configurations	Review transmission protocols and add parameter values to create configurations.		
Payment Systems	Define the external organizations that process your funds capture and disbursement transactions.		
Funds Disbursement Setup			
Payment Methods	Define payment methods, rules for their use on documents to be paid, and validations for documents.		
Payment Method Defaulting Rules	Create and maintain rules for how your payment methods should default on documents to be paid.		
Codes			
Bank Instruction Codes	Define codes required by your format specifications for instructions to your bank.		
Delivery Channel Codes	Define codes required by your format specifications for delivery channel instructions.		
Payment Reason Codes	Define codes required by your format specifications for payment reasons.		
Payment Process Profiles	Create profiles for payment processing. The profiles contain all the rules about how payments are created and disbursed.		
Disbursement System Options	Review and set system options used in the disbursement process.		

(<https://oracleappsstore.files.wordpress.com/2012/04/61.png>).

Clicking on the Icon leads to the screen below...

(<https://oracleappsstore.files.wordpress.com/2012/04/71.png>).

Click on Create.

(<https://oracleappsstore.files.wordpress.com/2012/04/81.png>).

Enter the Mandatory fields in the above shown picture.

(<https://oracleappsstore.files.wordpress.com/2012/04/92.png>).

Click on the Payment Instruction creation tab and enter the following

(<https://oracleappsstore.files.wordpress.com/2012/04/102.png>).

Click on Payment Instruction Format tab and attach the Payment Document created.

(<https://oracleappsstore.files.wordpress.com/2012/04/114.png>).

Click Apply to save the updates.

### 3. Create an XML output by running the Payment Process Request

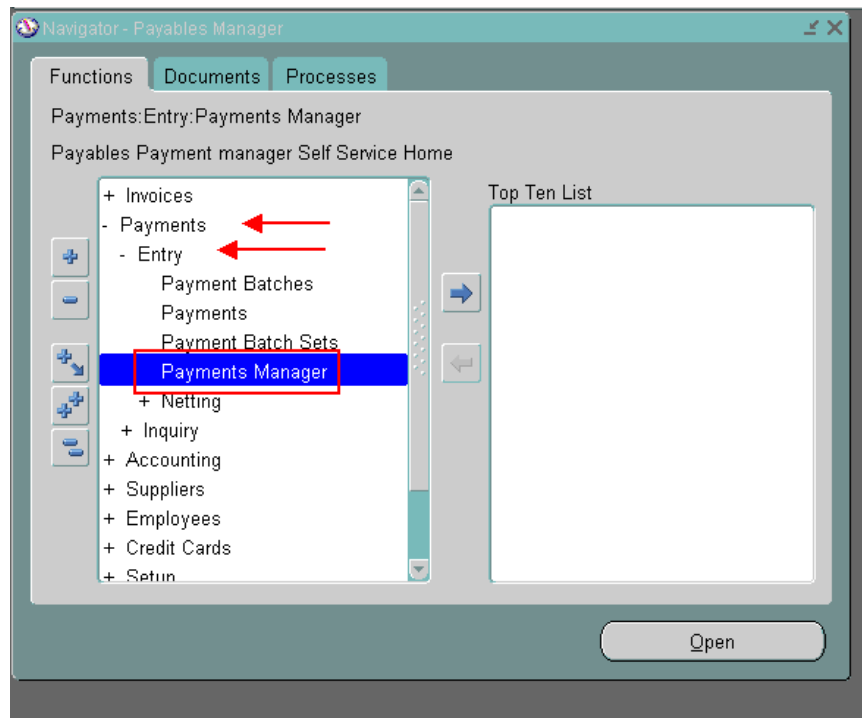
Through Applications Developer responsibility, change the Output Format of the concurrent program – **Format Payment Instructions** to XML and Save.

(<https://oracleappsstore.files.wordpress.com/2012/04/122.png>).

This will enable us to get the output as XML tag, which we can use to create a template from the Standard Check Format – type.

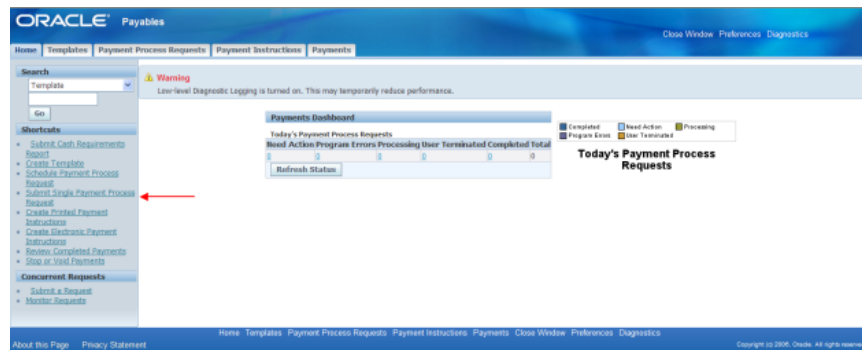
Run the Payment Process request through the Payables Manager.

Navigation – Payments – Entry – Payables Manager – Submit single request



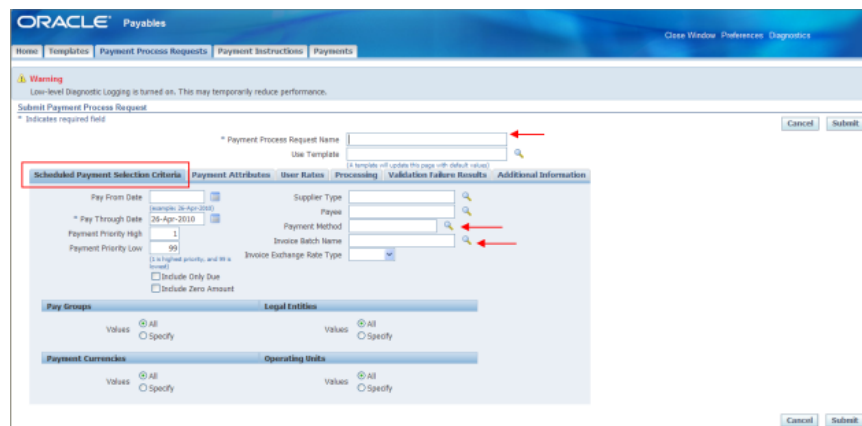
(<https://oracleappsstore.files.wordpress.com/2012/04/132.png>).

This opens up an OAF page. Click on the **Submit Single Payment Process Request**



(<https://oracleappsstore.files.wordpress.com/2012/04/141.png>).

This opens an OAF page, as shown below. Enter the mandatory information as shown below..



(<https://oracleappsstore.files.wordpress.com/2012/04/151.png>).

Click on the Payment Attributes tab and enter the following information –

Pay Through Date , Payee, Payment Method , Invoice Batch Name.

Click on the Payment Attributes tab and enter the following info

(<https://oracleappsstore.files.wordpress.com/2012/04/161.png>)

Choose the Bank and Attach the Payment Document created in Step1 and the Payment Process Profile created in Step2.

Click on Submit.

(<https://oracleappsstore.files.wordpress.com/2012/04/171.png>)

Click on the Refresh Status and wait until the Invoices are selected, the Payments are built and the Format program completes.

Click on View – Requests – Find

Request ID	Name	Parent	Phase	Status	Parameters
21983665	Format Payment Instruction		Completed	Normal	269247, N, . . . . .
21983664	Build Payments		Completed	Normal	200, TEST_042110_4, 10012, . . . . .
21983663	Scheduled Payment Select		Completed	Normal	269311
21983661	Auto Select (Payment Proc		Completed	Normal	269311, . . . . .

(<https://oracleappsstore.files.wordpress.com/2012/04/181.png>)

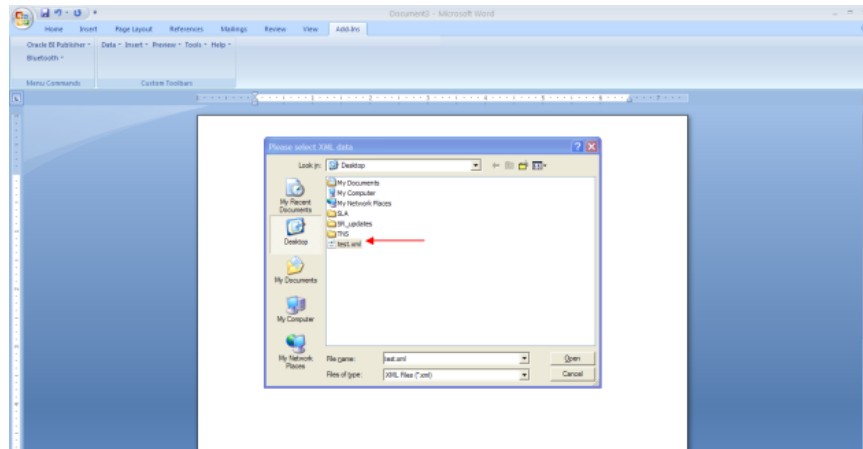
These are the programs which gets submitted automatically when a Payment Process is submitted.

1. Auto Select
2. Scheduled Payment Selection
3. Build Payments
4. Format Payment Instruction

Choose Format Payment Instruction and click on **View Log** or **View Output** as shown below...

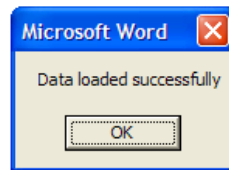






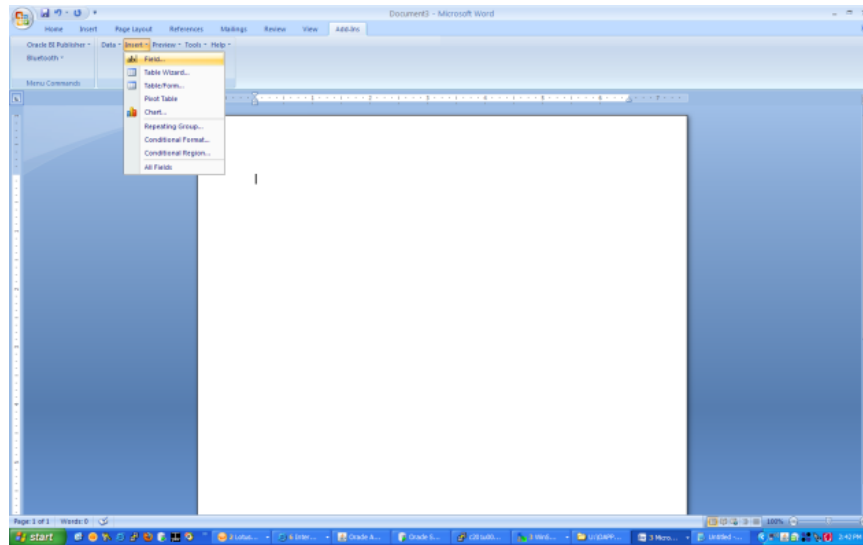
(<https://oracleappsstore.files.wordpress.com/2012/04/231.png>).

This leads to the below confirmation..



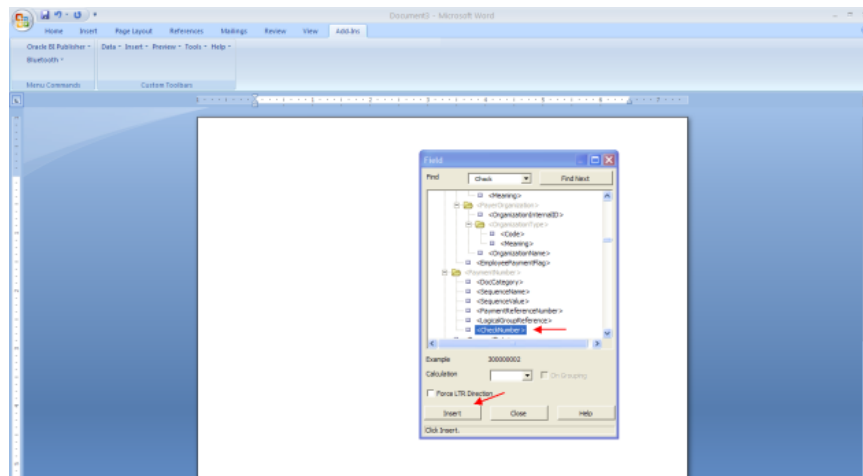
(<https://oracleappsstore.files.wordpress.com/2012/04/241.png>).

Now, click on Insert – Field as shown below



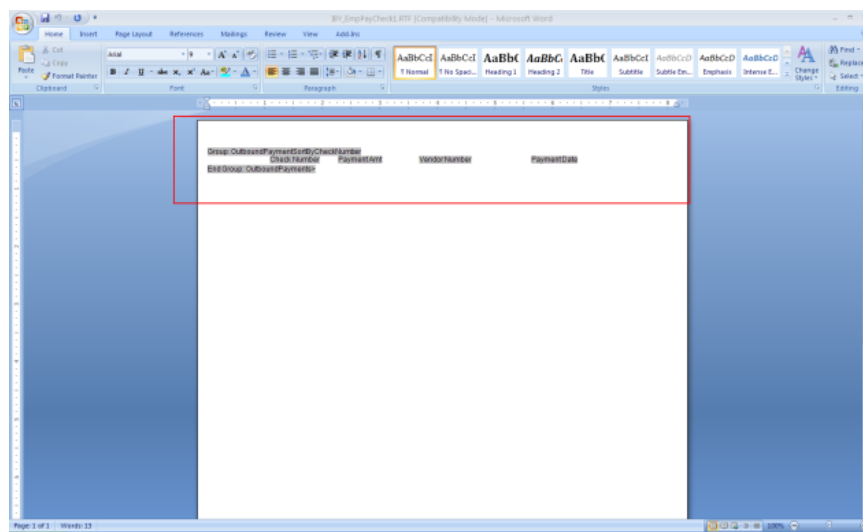
(<https://oracleappsstore.files.wordpress.com/2012/04/251.png>).

Choose the necessary fields required as shown below and click Insert..



(<https://oracleappsstore.files.wordpress.com/2012/04/261.png>).

Once the necessary fields are inserted, the document looks like below...



(<https://oracleappsstore.files.wordpress.com/2012/04/271.png>).

Save this file as .rtf extension (IBY\_EmpPayCheck1.RTF)

### 5. Create an XML Template

Navigation – Setup – Payment – Payment Administrator

Under Formats – click on Go To Task icon – against the XML Publisher Format Templates, as shown below.

Oracle Payments Setup			
Expand All Collapse All			
Focus Task Name	Description	Status	Go To Task
Payments Setup			
Shared Setup			
System Security Options	Set security options for encryption, masking, and credit card control.		
Validations	View validations that can be assigned to formats or disbursement payment methods.		
Formats			
XML Publisher Format Templates	Create and register format templates needed for your payment processing.		
Formats	Define formats, link them to your XML Publisher Templates, and assign validations.		
Payment Systems			
Transmission Configurations	Review transmission protocols and add parameter values to create configurations.		
Define the external organizations that process your funds capture and disbursement transactions.			
Funds Disbursement Setup			
Payment Methods	Define payment methods, rules for their use on documents to be paid, and validations for documents.		
Payment Method Defaulting Rules	Create and maintain rules for how your payment methods should default on documents to be paid.		
Codes			
Bank Instruction Codes	Define codes required by your format specifications for instructions to your bank.		
Delivery Channel Codes	Define codes required by your format specifications for delivery channel instructions.		
Payment Reason Codes	Define codes required by your format specifications for payment reasons.		
Payment Process Profiles	Create profiles for payment processing. The profiles contain all the rules about how payments are created and disbursed.		
Disbursement System Options	Review and set system options used in the disbursement process.		

(<https://oracleappsstore.files.wordpress.com/2012/04/281.png>).

Here, we are going to create a Custom XML Template and we are going to attach the rtf template created in Step 4.

Templates

Search

Name:  Code:

Application:  Data Definition:

Type:  Active:

Go

Name: Application: Data Definition: Type: Start Date: End Date: Duplicate

No search conducted.

(<https://oracleappsstore.files.wordpress.com/2012/04/291.png>).

Click on Create Template as shown above.

Enter the below mandatory fields and choose the rtf file created in the last step.

Create Template

Start Date and End Date define when the Template is active. The Name can be translated while the Code is identical for all languages.

Cancel Apply

General

\* Name:  \* Code:

\* Application:  RTP \* Data Definition:

\* Type:  RTP \* Start Date: 28-Apr-2010

\* End Date:  \* Subtemplate:

Default Output Type:

Description:

Template File

\* File:  Browse

\* Language:

Territory:

☐ Translatable

Cancel Apply

(<https://oracleappsstore.files.wordpress.com/2012/04/301.png>).

In the Data Definition tab – choose **Oracle Payments Funds Disbursement Payment Instruction Extract 1.0**

The XML Template looks like below

View Template: EmpPayCheck

General

Name: EmpPayCheck Code: XCL\_EMPPAYCHECK

Application: Payments Data Definition: Oracle Payments Funds Disbursement Payment Instruction Extract 1.0

Type: RTP Start Date: 22-Apr-2010

Default File: WP\_EmpPayCheck1.RTF End Date:

Default File Language: English Subtemplate: No

Default File Territory:  Default Output Type: RTP

Description:

Template Files

Previous Format: PDF Add File

File Name	Language	Territory	Preview	Download	Update	Delete
WP_EmpPayCheck1.RTF	English					

Return to Templates

(<https://oracleappsstore.files.wordpress.com/2012/04/311.png>).

6. **Update the Output Format of the concurrent program – Format Payment Instructions** to PDF and Save. (This was changed to XML in Step3)

(<https://oracleappsstore.files.wordpress.com/2012/04/321.png>).

7. Update the XML publisher Template in the Payment Document created in Step1 with the template created in Step 5

Navigation – Setup – Payment – Payment Administrator.

Click on Go to Task – against Formats

Query for the Formats with the Name – EmpPayCheck.

Click on the icon Update as shown below

(<https://oracleappsstore.files.wordpress.com/2012/04/331.png>).

Update the XML template to the template (EmpPayCheck) created in Step 5. (Compare this to Step1 for the changes/updates)

(<https://oracleappsstore.files.wordpress.com/2012/04/341.png>).

8. Execute the upgrade script ibypaydocupg.sql in Patch<<6677057:R12.IBY.A >> to create payment documents in CE\_PAYMENT\_DOCUMENTS table.

References – Metalink

1. How To Get An XML File To Use For Developing Custom Templates For Check Printing [ID 819066.1]
2. 11i Payment Documents Do not Exist in R12–How to create the payment documents from 11i data [ID 549024.1]
3. R12 How To Create / Modify Payment Formats IBY\_PAY\_CHK\_STANDARD\_1? [ID 562806.1]
4. How To Set XML Publisher Formatting Template? [ID 414336.1]

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38 Responses to *R12 – Custom Check Payment Format*

. says:

May 24, 2012 at 3:20 AM

Seriously, this one of the best guides I've read... all time. Big thanks!!

10

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Rate This

Reply

Asokan says:

May 28, 2012 at 8:36 PM

Thank you...

2

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Rate This

**Reply****Pradip says:**December 13, 2013 at 6:23 AM

What Can I say, explanation is so clear and succinct that any one can make out of it. Thanks a lot for such a fantastic note. Kindly keep sharing and keep doing the good work.

7

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**Rate This****Niko Holmen says:**May 25, 2012 at 3:32 PM

This was precisely the answers I'd been searching for. Amazing blog. Incredibly inspirational! Your posts are so helpful and detailed. The links you feature are also very useful too. Thanks a lot 😊

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**Rate This****Reply****Asokan says:**May 28, 2012 at 8:36 PM

You are welcome, Niko !!!

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**Rate This****Reply****regim hotelier mamaia says:**June 5, 2012 at 9:08 PM

I really like your blog.. very nice colors & theme. Did you make this website yourself or did you hire someone to do it for you? Plz respond as I'm looking to design my own blog and would like to find out where u got this from. appreciate it

2

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**Rate This****Reply****Asokan says:**June 6, 2012 at 10:32 AM

Hi – Thanks for your comments on the blog. Actually, I did design myself. Look for Theme Enterprise in wordpress.

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**Rate This**

**Reply**

**Asokan says:**

June 14, 2012 at 7:13 AM

Sure... Send us your articles and we will publish them.

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**i**

**Rate This**

**Reply**

**Niranjan says:**

July 23, 2012 at 3:08 PM

Hello .. I created new custom template according to the procedure u explained .. but when I run the check printing process thru Payables Manager -> Payments Administrator -> Submit Single Request .. When I view the output it is still the old format ?

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**i**

**Rate This**

**Reply**

**Asokan says:**

July 23, 2012 at 3:28 PM

Can you get the steps which will ease me to help you ?

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**i**

**Rate This**

**Reply**

**Niranjan says:**

July 23, 2012 at 4:45 PM

I have created a new custom rtf for AP Check Printing. I don't know how to associate the custom rtf to the concurrent program. Can you help me in this?

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**Rate This**

**Asokan says:**

July 24, 2012 at 7:02 AM

As per your mail, I guess your issue is resolved. Kindly get back if you have any question.

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Rate This

Indu says:

September 13, 2012 at 5:14 AM

Very informative

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Rate This

Reply

Pratap says:

November 9, 2012 at 1:09 PM

Hi Ashokan,

We are trying to build EDI 820 file format for payments, have done all relative setups but the file is not getting generated or neither the path or details are coming in the log file of payment request. Appreciate if you can provide some expertise inputs.

Thanks in advance

Pratap

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Rate This

Reply

Sundeep Dheer says:

November 19, 2012 at 10:21 AM

Hi Asokan,

What has replaced 'Automatic payment programs' forms that was in Release 11i? I am trying to use another program instead of 'Format Payment Instructions'. Thanks.

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Rate This

Reply

Volodymyr says:

December 14, 2012 at 5:31 AM

hi Ashokan,

We have updated template and I can not see changes when do payment. At the same time another users see new template. Is some XLM cache exist? Do not know how to see new template from my laptop.

Thanks in advance

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Rate This



**Reply****Bhaskar says:**April 29, 2013 at 2:41 AM

Hi

I have to generate sequence numbers in an etext template, starting with 10 and increment by 10 for each record. Suppose, if we make the payment for multiple suppliers under one batch, the sequence number should reset at supplier level. Following is the example...

Supplier Invoice Num Sequence

Supp1 S1\_Inv1 10

Supp1 S1\_Inv2 20

Supp1 S1\_Inv3 30

Supp2 S2\_Inv1 10

Supp2 S2\_Inv2 20

Supp2 S2\_Inv3 30

Supp2 S2\_Inv4 40

Please let me know how to achieve this scenario.

Regards

Bhaskar

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**Rate This****Reply****nagappan says:**July 8, 2013 at 1:27 AM

Hi

I want to add control file (bursting program ) so that my output file will be stored in different directory.

Can any one help how to add bursting file for payment batches.

Thanks in advance.

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**Rate This****Reply****manan says:**August 29, 2013 at 10:09 PM

With this approach, we basically generate XML Data by referring standard template' data definition. And later load xml data in custom format. What if we need to publish additional fields which were not in standard data definition.

E.g. in our check format we have requirement to print PO details as well. Standar check format xml data definition does not includ it.

Please suggest

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**Rate This**

**Reply****Asokan says:**August 30, 2013 at 2:54 AM

Hello Manan,

Please try to check the Oracle Mysupport note id 562806.1 and see if you can get a clue.

Thanks,

Asokan

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**i****Rate This****Reply****shyam says:**September 5, 2013 at 6:37 AM

Hi Asokan,

I have customized the available Swift MT103 template and created a template. This is being created with Format Payment Instructions with Text Output. But now the user wants invoice number to be added also. But how can i get this as i'm unable to see any invoice information in the standard template also.

Thanks

Shyam

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**i****Rate This****Janarthanan says:**September 22, 2013 at 7:50 AM

Hi Asokan,

Very useful article indeed. I am stuck in the rtf template. And here is the scenario.

I am trying to print the check in the pre printed stationary, with the check being printed at the bottom of the page. I followed the instructions given in Anil Passi site of calling the recursive template to fill the number of lines getting printed. In spite of that, the lines printed in the check moves up and down based on the number of lines getting printed on the cheque. Can you share the rtf template where this issue is addressed. Kindly mail me to [janacallsu@gmail.com](mailto:janacallsu@gmail.com)

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**i****Rate This****Reply****Pratap says:**October 11, 2013 at 3:18 AM

Hi Asokan,

Can you please suggest if generation of EDI 820 file is possible from R12? Currently we are generating the XML file and sending across to third party to generate the EDI820. If there is any possibility of generating EDI 820 from R12 itself, then it would be of great help.

Thanks  
Pratap

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**Rate This****Reply****Vimal says:**July 23, 2014 at 1:51 AM

Hi Ashkan,

Can you please Explain what is use of Format Payment Instructions Program Automatically ran After made payment and what impact of this program ?

Regards,  
Vimal

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**Rate This****Reply****Asokan says:**July 23, 2014 at 1:06 PM

It formats payment instructions into payment files. If you don't want to run this automatically, do the following. In processing tab, un-check the stop process for review after scheduled payment selection and stop process for review after creation of proposed payments options. This way you can review/validate.

Hope this helps !!!

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**Rate This****Reply****Vimal says:**July 23, 2014 at 11:43 PM

Hi Asokan,

We are not using Payments Process Request so I cant give Payment Process Request name in the Processing Tab.

Please Give any suggestions.

Thanks & Regards,  
Vimal

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Rate This

Reply

**Ram Reddy** says:

September 16, 2014 at 7:09 AM

Super Documentation, I followed the same steps it is working perfectly, thank you so much.

Thanks & Regards,  
Ram Redy

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Rate This

Reply

**Asokan** says:

September 16, 2014 at 8:51 AM

Sounds good !!!

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Rate This

Reply

**Pavan** says:

November 13, 2014 at 10:17 AM

Hi Asokan,

Really..you did a great work. It helped me a lot.Many Thanks.

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Rate This

Reply

**Asokan** says:

January 11, 2015 at 12:54 PM

Thank you

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Rate This

Reply

**aagney** says:

March 7, 2016 at 12:56 PM

Nice and detailed steps, We have a similar requirement but since our custom template is far more detailed, is there a way to call the custom concurrent program from format payment instructions in R12, thats how its there in our 11i instance

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Rate This

**Reply****Ramya says:**  
December 30, 2014 at 8:40 AM

Hi nice work.. I am facing an issue while following these steps. During the creation of the step2, I do not get the option of internal bank accounts. Ignoring that when i continue the steps, the concurrent program "Auto Select (Payment Process Request Program)" is alone running and the other programs are not invoked. Please help..urgent

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Rate This

**Reply****Anand says:**January 15, 2015 at 8:28 AM

Format Payment Instruction is not picking by system, please suggest.

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Rate This

**Reply****Adnan zafar Goraya says:**July 10, 2015 at 2:47 AM

Great work  
very help full for me

Regards,  
Adnan zafar Goraya

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Rate This

**Reply****krish says:**August 4, 2015 at 1:12 PM

I have followed given step, But XML template is not appearing in my instance.  
could you advice.

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Rate This

**Reply****Sunil says:**September 9, 2015 at 1:30 PM

I was refering this document as we did the same step but we are getting an error message as below.

Error: an error occurred during formatting. Please verify the template is valid.

oracle.apps.iby.exception.PSException: Internal Error to Payment Server:

Can anyone suggest what we are missing? How is the Foerformat Payment Instruction program linked to the data definition?

Thanks

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**i****Rate This****Reply****aagney says:**March 14, 2016 at 4:50 PM

Our custom check report (concurrent program) is very complicated and lot of details are there , Is there a way to call that report in Format Payment Instructions instead of re doing the rtf based on xml as suggested by you. Please reply, its urgent

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**i****Rate This****Reply****AG says:**August 5, 2016 at 4:19 PM

Hi Asokan,

Do you have a solution to switch the template to produce a Non-Negotiable Check file?

Thanks

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**i****Rate This****Reply**

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