

# **HOW TO HIDE EMPTY REPORT ROWS IN TOAD® REPORT MANAGER REPORTS**

## **LESSON 5**

**A step by step guide on how to hide report  
rows in a TOAD® Reports Manager Report**

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In this lesson we will use a simple report that shows the patches that have been applied to your application over the last **X** days to show you an example of where you might want to use the ability to hide unnecessary text rows and how to go about it.

Example - **FDBA001-10 Patch Details** report (Original)

FDBA001-10		PATCH DETAILS As at 25-May-10 16:10 For VIS For the period: 7000 Day between 26-Mar-91 (Tue) and 25-May-10 (Tue)					PIPER - Rx
Patch Name	Run ID	Result	Patch Type	Start Date	End Date	Run Time (Min)	
3020276	3770	SUCCESS	(A:F:N:W)	03-Jul-03 10:14	03-Jul-03 10:43	29	
<i>Failure Comments:</i>							
3014587	3750	FAILED	(A:F:N:W)	03-Jul-03 10:11	03-Jul-03 10:13	1	
<i>Failure Comments: Well that was a wasted effort - better luck next time</i>							
3014821	3736	SUCCESS	(A:F:N:W)	25-Jun-03 19:18	25-Jun-03 19:19	1	
<i>Failure Comments:</i>							
3012328	3735	SUCCESS	(A:F:N:W)	25-Jun-03 19:15	25-Jun-03 19:16	1	
<i>Failure Comments:</i>							
3010501	3734	SUCCESS	(A:F:N:W)	25-Jun-03 19:12	25-Jun-03 19:13	1	
<i>Failure Comments:</i>							
3007088	3733	SUCCESS	(A:F:N:W)	25-Jun-03 19:07	25-Jun-03 19:07	1	
<i>Failure Comments:</i>							
3006925	3732	SUCCESS	(A:F:N:W)	25-Jun-03 18:57	25-Jun-03 19:05	8	
<i>Failure Comments:</i>							
3012454	3731	SUCCESS	(A:F:N:W)	25-Jun-03 18:54	25-Jun-03 18:55	1	
<i>Failure Comments:</i>							
2999176	3730	SUCCESS	(A:F:N:W)	25-Jun-03 18:27	25-Jun-03 18:51	25	
<i>Failure Comments:</i>							
3008296	3710	SUCCESS	(A:F:N:W)	25-Jun-03 17:56	25-Jun-03 18:21	25	
<i>Failure Comments:</i>							
2644311	3690	SUCCESS	(A:F:N:W)	25-Jun-03 17:25	25-Jun-03 17:52	27	
<i>Failure Comments:</i>							
2644311	3671	SUCCESS	(A:F:N:W)	25-Jun-03 17:17	25-Jun-03 17:20	3	
<i>Failure Comments:</i>							

Hmmm... Wouldn't it be good if we only displayed the failure comments where failures exist?

Example - **FDBA001-10 Patch Details** report

FDBA001-10		PATCH DETAILS As at 25-May-10 16:10 For VIS For the period: 7000 Day between 26-Mar-91 (Tue) and 25-May-10 (Tue)					PIPER - Rx
Patch Name	Run ID	Result	Patch Type	Start Date	End Date	Run Time (Min)	
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3014587	3750	FAILED	(A:F:N:W)	03-Jul-03 10:11	03-Jul-03 10:13	1	
<i>Failure Comments: Well that was a wasted effort - better luck next time</i>							
3014821	3736	SUCCESS	(A:F:N:W)	25-Jun-03 19:18	25-Jun-03 19:19	1	
3012328	3735	SUCCESS	(A:F:N:W)	25-Jun-03 19:15	25-Jun-03 19:16	1	
3010501	3734	SUCCESS	(A:F:N:W)	25-Jun-03 19:12	25-Jun-03 19:13	1	
3007088	3733	SUCCESS	(A:F:N:W)	25-Jun-03 19:07	25-Jun-03 19:07	1	
3006925	3732	SUCCESS	(A:F:N:W)	25-Jun-03 18:57	25-Jun-03 19:05	8	
3012454	3731	SUCCESS	(A:F:N:W)	25-Jun-03 18:54	25-Jun-03 18:55	1	
2999176	3730	SUCCESS	(A:F:N:W)	25-Jun-03 18:27	25-Jun-03 18:51	25	
3008296	3710	SUCCESS	(A:F:N:W)	25-Jun-03 17:56	25-Jun-03 18:21	25	
2644311	3690	SUCCESS	(A:F:N:W)	25-Jun-03 17:25	25-Jun-03 17:52	27	
2644311	3671	SUCCESS	(A:F:N:W)	25-Jun-03 17:17	25-Jun-03 17:20	3	
2673262	3670	SUCCESS	(A:F:N:W)	25-Jun-03 16:31	25-Jun-03 17:15	43	

Patch Type - A: Admin, F: Form, N: Node, W: Web

Now that's a lot better... even if I do say so myself!

The TRD (Toad Report Definition) file for this report is provided on the **PIPER-Rx** web site [http://www.piper-rx.com/pages/reports\\_tutorials/lesson\\_5.trd](http://www.piper-rx.com/pages/reports_tutorials/lesson_5.trd)

The step by step process to change the **FDBA001-10 Patch Details** report to remove unnecessary text rows is as follows:

**Step 1: Create the report event code**

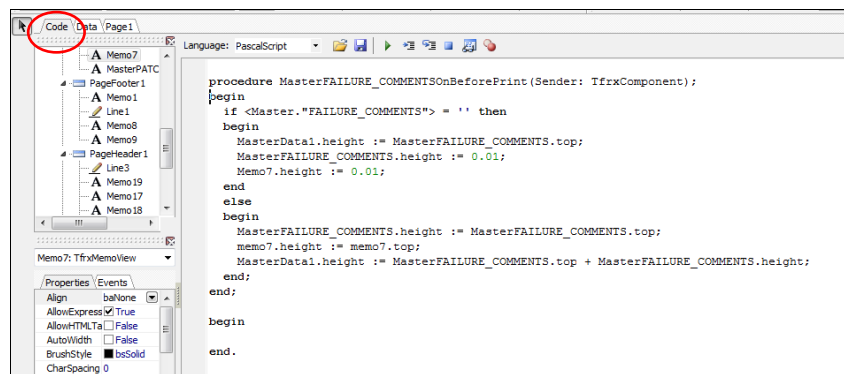
What we want to do is when there are no failure comments, not to show the text and data fields in the report.

The report columns we are interested in are:

- ❖ **MasterFAILURE\_COMMENTS** – The table value  
ad\_patch\_runs.failure\_comments
- ❖ **Memo7** – The report text field containing the words **Failure Comments:**

If the value for **MasterFAILURE\_COMMENTS** is null then we want to set the height of the two columns to almost nothing so they don't show. This done by entering some relatively simple code at the report level.

When in the report editor select the "Code" tab and add the following code:



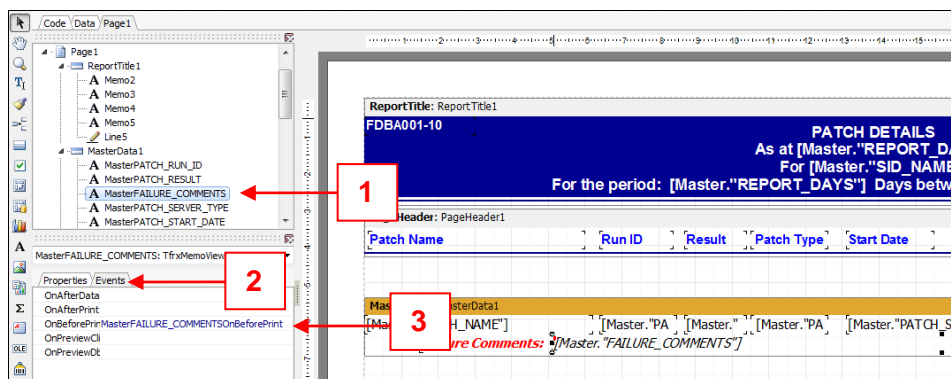
You can cut and paste the code which is provided at the end of this tutorial

**Note 1:** Make sure you leave the final begin and end in the code section

**Note 2:** Yes, it is a full stop after the last end statement not a semi colon

### Step 2: Assign the event

Next assign your "*MasterFAILURE\_COMMENTSOnBeforePrint*" event to the report value "*MasterFAILURE\_COMMENTS*"



1 Select the column "*MasterFAILURE\_COMMENTS*"

2 Select the [Events] tab

### 3 Assign the “*MasterFAILURE\_COMMENTSOnBeforePrint*” event

#### Step 3: Save and run the report

Source code can be cut and paste as needed:

```
procedure MasterFAILURE_COMMENTSOnBeforePrint (Sender: TfrxComponent);
begin
  if <Master."FAILURE_COMMENTS"> = '' then
  begin
    MasterData1.height := MasterFAILURE_COMMENTS.top;
    MasterFAILURE_COMMENTS.height := 0.01;
    Memo7.height := 0.01;
  end
  else
  begin
    MasterFAILURE_COMMENTS.height := MasterFAILURE_COMMENTS.top;
    memo7.height := memo7.top;
    MasterData1.height := MasterFAILURE_COMMENTS.top + MasterFAILURE_COMMENTS.height;
  end;
end;

begin
end.
```

**Note:** In Fast Reports 3 all data fields were *MemoX* fields, where as in Fast Reports 4 provided with TOAD 10 data fields are named *MasterFIELD\_NAME*

Good Luck...

## Want to know more?

There is loads more **FREE** information on TOAD Reports Manager reports and also on all aspects of OEBS Application Administration at the **PIPER-Rx** website. I have been working with TOAD Reports Manager since its inception and have had over 20+ years working with Oracle (the product, not the Company) and Oracle E-Business Suite (since Release 5). Since the late 1990's I have spent more time sharing these learnings and the most popular papers and case studies I have presented are available at [www.PIPER-Rx.com](http://www.PIPER-Rx.com) as well as over 250 TOAD Reports Manager reports and a whole host of Tips and Reports I have used throughout my career.

All information is at the **PIPER-Rx.com** website **FREE** so why not check it out....I hope you find it useful! – **40,000+ downloaders to date can't be wrong!**

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