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V S BHARGAV MYLAVARAPU

November 23, 2012 | 1 minute read

How to find BAdIs with a Function Module

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Hi All,

After seeing a Lot of questions on Identifying BADI. Here I would like to give a simple and easy method to Identify a BADI.

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How to Implement Function Module Exits using BADI

By Former Member   Sep 18, 2013

Adding extra tabs in standard transactions for sales and

Many people was not aware of Object Oriented Programming as they wish to succeed in Procedural programming only.

So they prefer not to search a BADI using commonly know method CL_EXITHANDLER and GET_INSTANCE.

There is one more way to identify the BADIs in a simple way

Using the Function Module SXV_GET_CLIF_BY_NAME.

How to use this Function Module to Identify a BADI for a Transaction.

Step 1. Go to SE37 and display the Function Module SXV_GET_CLIF_BY_NAME.

Step 2. Put a break point at the ENDFUNCTION of the Above mentioned Function Module.

Step 3. Run the Transaction for which you want to search a BADI.

Note: For every operation the Code Breaks and Function Module return some values in its Parameters.

In the Parameter CLIF and NAME. you will get the BADI or Exit name.

Now the question is how to identify whether it is a BADI or Exit. Answer is, Parameter PREFIX of the Function Module.

If this is CL_EX then it is a BADI else it is a Exit. Example is shown in the below Screen shot. A BADI for Transaction FPP2 when you click on SAVE.

Related Questions ⌃

```
FUNCTION SXV_GET_CLIF_BY_NAME
*"       VALUE(PREFIX) TYPE   SEEX_CLIF_PREFIX
*"  EXPORTING
*"       VALUE(CLIF) TYPE   SEOCLSNAME
*"---------------------------------------------------------------
    CALL FUNCTION 'SXV_ADD_PREFIX'
         EXPORTING
              name      = name
              prefix    = prefix
         IMPORTING
              new_name = clif.
ENDFUNCTION.
```

Field names	1 – 4	Field contents		
clif	CL_EX_BUPA_ROLE_EXPORT			
prefix	CL_EX_			
name	BUPA_ROLE_EXPORT → BADI Name			

Hope this document helps Other people who dont know this method of finding a BADI.

Regards,

V S BHARGAV.

Alert Moderator

52 Comments

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Chaudhury Sourya Prakash Dash
November 23, 2012 at 12:01 pm

Very usefull and easy way.

Like 0 | Share

Sijin Chandran
January 23, 2013 at 6:27 am

Hello Venkat ,

Very thanks for this useful document.

Till now I was aware of CL_EXITHANDLER (setting Breakpoint) technique only.

This will definitely be an added advantage for sure.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
January 23, 2013 at 8:14 am

Thanks Sijin.. Hope you will have fun with this…

Like 0 | Share

Sijin Chandran
January 23, 2013 at 8:46 am

Definitely I will give this a try, the next time I need to deal with BADIs. 🙂

Like 0 | Share

Kesavadas Thekkillath Ⓜ
January 23, 2013 at 12:21 pm

Hi Venkat,

Though this is a known way to find the badi, some of them will not be aware of it as said above.

It would be nice if the word "Identify" is changed to "Find" in the subject line so that the search function will hit this document easily 😉

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
January 23, 2013 at 12:41 pm

Ok Cool.

I agree, Thanks for the Comment.

Like 0 | Share

Ashwin Kumar Chitram
January 24, 2013 at 10:35 am

Hi Venkat,

I dint know of this method to find the BADI, very useful !

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
January 24, 2013 at 11:14 am

Thanks Ashwin.. Have fun then... 🙂

Like 0 | Share

Sijin Chandran
January 24, 2013 at 11:47 am

Hello Venkat ,

For a least experienced consultants like me this technique is really new and an added advantage.

Thaks again 🙂

Like 0 | Share

Former Member
January 24, 2013 at 3:42 pm

HI Venkat,

Very useful document,easiest way to find out the BADI.

Many Thanks .

Thanks

Tousif

Like 0 | Share

Venu Madhava Raju
January 28, 2013 at 7:45 am

Hi Venkat,

This is a very new concept that i came to know from you. Thanks for improving the nowledge by 1.

Like 0 | Share

Former Member
February 7, 2013 at 6:18 am

Nice document.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
February 7, 2013 at 7:11 am

Thanks Ravi,

This is the one easiest way out of 6 Methods in finding a BADI which I know.

Hope this helps everyone. Thank you 🙂

Like 0 | Share

Former Member
March 2, 2013 at 7:46 am

What are the six methods. can u just name them.

I guess most of us know only one method i.e

By using the clas CL_EXITHANDLER and putting break-point in it.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

March 11, 2013 at 4:33 am

I Will submit in a document and let you know.

I hope that will be useful for everyone.

Thanks ,

Venkat Sesha

Like 0 | Share

Former Member

March 1, 2013 at 6:45 am

Hi Venkat,

I have implemented enhancement for customer additional fields, refering your explanation given above; very useful information.

Narayan

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

March 1, 2013 at 6:58 am

Thanks Narayan Pujar..

Good to know that my Document got 300+ Views till now 🙂

Its cool that this document will be usefull for many people like you. 😎

Like 0 | Share

Maverick Manoj
May 7, 2013 at 6:47 am

Nice document… 🙂
I hope beginners will go through this , its the easiest way to find a BADI..
I think this FM is called inside that cl_exithandler get instance or get class by interface… right ?

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
May 7, 2013 at 6:51 am

Yep, Maverick. That is true.. 😉

But you know, People prefer this way rather than EXITHANDLER. What Say ?

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Maverick Manoj
May 7, 2013 at 6:57 am

surely they would even i would…. 🙂
its easier …

Like 0 | Share

Mahesh kumar

May 7, 2013 at 12:12 pm

Excellent document its a new way to find a badi thanks for sharing this doc.

Regards

Mahesh 🙂

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

May 8, 2013 at 7:55 am

Thanks Mahesh, Good to know that my document is useful for many. We have a Bookmark and Like options available… 😉

Like 0 | Share

Mahesh kumar

May 8, 2013 at 8:41 am

Hmm.. i understand i done my job 😉 🙂 .

Reg

Mahesh 🙂

Like 0 | Share

Former Member

June 2, 2013 at 5:21 pm

Thanks you. This is really use full for me.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

June 5, 2013 at 10:04 am

Thanks Ramakrihna Veeravalli

Like 0 | Share

Former Member

June 6, 2013 at 5:02 pm

Excellent document for finding the BADI 🙂

Like 0 | Share

Former Member

June 26, 2013 at 2:35 pm

Hello Mr Bhargav

thanks for this,So exceptional way to find a badi, really so useful.

Like 0 | Share

Former Member

July 6, 2013 at 6:30 am

Hi Bhargav,

Easy way to find BADI...thanks for sharing this information.

Like 0 | Share

Former Member
July 6, 2013 at 5:19 pm

...another secret is revealed, god job and many thanks!

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author
August 14, 2013 at 5:50 am

Oops its a Secret.. Keep calm... 😛

Like 0 | Share

Former Member
July 18, 2013 at 12:25 pm

Easy way to find a BADI. Thanks for sharing.

Like 0 | Share

Former Member
August 16, 2013 at 6:10 am

Thankyou V S BHARGAV MYLAVARAPU.

Apparently when i tried for ME22N, If we do it class exithandler & instance way, it will give you BAdI "ME_PROCESS_PO_CUST" but through this method, it returns "ME_PROCESS_PO". While creating implementation for "ME_PROCESS_PO" in SE19, it gives an error "BAdI definition ME_PROCESS_PO is only provided for internal SAP.". Do we have to do anything additional to this to get "ME_PROCESS_PO_CUST"?

If i could know how to get the exact BAdI here, this truly is a time saving and very helpful way.

Regards,

KS

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V S BHARGAV MYLAVARAPU | Blog Post Author
August 16, 2013 at 6:30 am

Hi KS,

For every operation you perform on the Page. It will give the Badi. Right now my system is down and I cannot tell the Exact one. Lets continue our discussion in the Thread http://scn.sap.com/thread/3406117. Thanks for your comments. Please do rate the document.

Like 0 | Share

Abhay Singh
August 16, 2013 at 7:56 am

Really its a very useful document..

Like 0 | Share

Priyaranjan Gupta

August 16, 2013 at 8:59 am

good documnet..one single fm to identify both badi as well as exits..

Like 0 | Share

Former Member

September 4, 2013 at 4:35 am

Its very useful to find BAdi and EXIT in transaction code.

Like 0 | Share

HIMANSHU GUPTA

September 4, 2013 at 4:49 am

Hi V S,

I didn't know this method to find BADI, so, very thankyou to you and really it's very useful document....

Many Thanks/ Himanshu Gupta

Like 0 | Share

Former Member
September 4, 2013 at 5:47 am

Very Informative...Many Thanks.

Best Regards,

Naresh K.

Like 0 | Share

> **V S BHARGAV MYLAVARAPU** | Blog Post Author
> September 4, 2013 at 7:09 am
>
> Thanks
>
> Like 0 | Share

SHANKARANARAYAN KRISHNAMOORTHY
September 4, 2013 at 8:23 am

Hi Bhargav,

Good one. Not sure why this method to find a BADI is relatively unknown and the CL_EXITHANDLER method of finding a BADI is world renowned . Can you let us know the other methods also ?

BR,

Shankar.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

September 4, 2013 at 9:00 am

Hi Shankar,

there are 6 methods that I know.

1. CL_EXIT_HANDLER

2. SXV_GET_CLIF_BY_NAME

3. SPRO

4. SE18 F4 with Package

5. SE18 F4 with Application Component

6. Funky way, search with short description on SE18

Please rate the document, this encourages to post more like this.

Like 0 | Share

Former Member

September 4, 2013 at 10:17 am

Hello Mr.Bhargav

Would u plz through light on these methods of finding BAdi & EXITs?

Satendra Singh Sikarwar

Like 0 | Share

SHANKARANARAYAN KRISHNAMOORTHY

September 5, 2013 at 6:00 am

Rated Bharagav 🙂

BR,

Shankar.

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

October 8, 2013 at 11:36 am

Thank you Shankarnarayan

Like 0 | Share

Santosh kotagi

October 8, 2013 at 12:12 pm

Very much useful information..

Thanks
Santosh

Like 0 | Share

V S BHARGAV MYLAVARAPU | Blog Post Author

October 8, 2013 at 12:19 pm

Thank you and Please Rate the document then.

Like 0 | Share

Former Member
October 19, 2013 at 9:28 am

Hi Bhargav,

Really its very useful.

Regards
Ashok

Like 0 | Share

Raghavendran Rama Rao SAP
February 6, 2014 at 8:26 am

super.. u r the best abaper i have come across

Like 0 | Share

Satish Kumar Balasubramanian
February 6, 2014 at 9:18 am

Thanks Bhargav really useful document. 🙂

Have you created any document on how to find BADI using the six steps below,

1. CL_EXIT_HANDLER

2. SXV_GET_CLIF_BY_NAME

3. SPRO

4. SE18 F4 with Package

5. SE18 F4 with Application Component

6. Funky way, search with short description on SE18.

Please let me know.

thanks,

Satish

Like 0 | Share

Former Member
June 2, 2015 at 9:14 am

Nice One

Like 0 | Share

KIRAN KUMAR VADREVU
July 17, 2015 at 12:25 pm

Nice Document...

Like 0 | Share

Atul Salgare
October 24, 2017 at 9:48 am

Excellent Bhargav,

i really appreciate the technique which u have dicussed with us ,thaks a lot

Thanks & Regards.

Atul Salgare

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