

ACPKS Package  
**Extensible Hook Details**  
12.3

December 2016

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway  
Goregaon (East)  
Mumbai, Maharashtra 400 063  
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

Copyright © 2007, 2016, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

---

## Contents

|                                  |       |   |
|----------------------------------|-------|---|
| 1. FN_CHECK_THIS_IS_AN_ERROR/4/1 | ..... | 1 |
| 2. FN_CHECK_THIS_IS_AN_ERROR/4/2 | ..... | 1 |
| 3. FN_UPDATECUSTBAL/19/1         | ..... | 2 |
| 4. FN_UPDATECUSTBAL/19/2         | ..... | 2 |
| 5. FN_UPDATECUSTBAL/21/2         | ..... | 3 |
| 6. FN_UPDATECUSTBAL_CHECK/2/1    | ..... | 3 |
| 7. FN_UPDATECUSTBAL_CHECK/2/2    | ..... | 3 |
| 8. FN_WRITE_RECORD/9/1           | ..... | 4 |
| 9. FN_WRITE_RECORD/9/2           | ..... | 4 |

| Parameter                      | Description   |
|--------------------------------|---|
| Function                       | FN_CHECK_THIS_IS_AN_ERROR   |
| No of Parameters               | 4   |
| Function Call Id               | 1   |
| Cluster/Custom Function Name   | FN_PRE_CHECK_THIS_IS_AN_ERROR   |
| Additional parameters          | None  |
| Sent to Extensible layer       | NOne  |
| Received from Extensible layer | None  |
| Hook Description               | PRE hook to handle errors in custom layer   |
| Description                    | PRE hook to handle errors in custom layer<br>All parameters received by kernel function are passed to the cluster hook.<br>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".<br>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.<br>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel. |
| Bug No                         | 17454798  |

| Parameter                      | Description  |
|--------------------------------|--|
| Function                       | FN_CHECK_THIS_IS_AN_ERROR  |
| No of Parameters               | 4  |
| Function Call Id               | 2  |
| Cluster/Custom Function Name   | FN_POST_CHECK_THIS_IS_AN_ERROR   |
| Additional parameters          |  |
| Sent to Extensible layer       |  |
| Received from Extensible layer |  |
| Hook Description               | POST hook to handle errors in custom layer   |
| Description                    | POST hook to handle errors in custom layer<br>All parameters received by kernel function are passed to the cluster hook.<br>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".<br>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.<br>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel. |
| Bug No                         | 17454798   |

| Parameter                    | Description          |
|------------------------------|----------------------|
| Function                     | FN_UPDATECUSTBAL     |
| No of Parameters             | 19                   |
| Function Call Id             | 1                    |
| Cluster/Custom Function Name | FN_PRE_UPDATECUSTBAL |
| Additional parameters        | None                 |
| Sent to Extensible layer     | None                 |

|                                |   |
|--------------------------------|---|
| Received from Extensible layer | None  |
| Hook Description               | Pre hook given for handling custom functionality with skip handlers   |
| Description                    | Pre hook given for handling custom functionality with skip handlers<br>All parameters received by kernel function are passed to the cluster hook.<br>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".<br>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.<br>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel. |
| Bug No                         | 23102883  |

| Parameter                      | Description   |
|--------------------------------|---|
| Function                       | FN_UPDATECUSTBAL  |
| No of Parameters               | 19  |
| Function Call Id               | 2   |
| Cluster/Custom Function Name   | FN_POST_UPDATECUSTBAL   |
| Additional parameters          | None  |
| Sent to Extensible layer       | None  |
| Received from Extensible layer | None  |
| Hook Description               | Post hook given for handling custom functionality and reset skip handlers   |
| Description                    | Post hook given for handling custom functionality and reset skip handlers<br>All parameters received by kernel function are passed to the cluster hook.<br>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".<br>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.<br>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel. |
| Bug No                         | 20221350  |

| Parameter                      | Description   |
|--------------------------------|---|
| Function                       | FN_UPDATECUSTBAL  |
| No of Parameters               | 21  |
| Function Call Id               | 2   |
| Cluster/Custom Function Name   | FN_UPDATECUSTBAL  |
| Additional parameters          | l_fn_call_id, l_tb_cluster_data   |
| Sent to Extensible layer       | l_tb_cluster_data('Lupdact') := lupdact;<br>l_tb_cluster_data('Dormancy_Date') := to_char(l_balrec.dormancy_date,<br>'YYYYMMDD'); |
| Received from Extensible layer | None  |
| Hook Description               | Inline hook given to call cluster/custom package to update cust balance   |

|             |  |
|-------------|--|
| Description | <p>Inline hook given to call cluster/custom package to update cust balance</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p> |
| Bug No      | 16057548   |

| Parameter                      | Description   |
|--------------------------------|---|
| Function                       | FN_UPDATECUSTBAL_CHECK  |
| No of Parameters               | 2   |
| Function Call Id               | 1   |
| Cluster/Custom Function Name   | FN_PRE_UPDATECUSTBAL_CHECK  |
| Additional parameters          | None  |
| Sent to Extensible layer       | None  |
| Received from Extensible layer | None  |
| Hook Description               | Pre hook given for handling custom functionality with skip handler  |
| Description                    | <p>Pre hook given for handling custom functionality with skip handler</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p> |
| Bug No                         | 20221350  |

| Parameter                      | Description  |
|--------------------------------|--|
| Function                       | FN_UPDATECUSTBAL_CHECK   |
| No of Parameters               | 2  |
| Function Call Id               | 2  |
| Cluster/Custom Function Name   | FN_POST_UPDATECUSTBAL_CHECK  |
| Additional parameters          | None   |
| Sent to Extensible layer       | None   |
| Received from Extensible layer | None   |
| Hook Description               | Post hook given for handling custom functionality and reset skip handlers  |
| Description                    | <p>Post hook given for handling custom functionality and reset skip handlers</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p> |
| Bug No                         | 20221350   |

| Parameter        | Description     |
|------------------|-----------------|
| Function         | FN_WRITE_RECORD |
| No of Parameters | 9               |

|                                |  |
|--------------------------------|--|
| Function Call Id               | 1  |
| Cluster/Custom Function Name   | FN_PRE_WRITE_RECORD  |
| Additional parameters          | None   |
| Sent to Extensible layer       | None   |
| Received from Extensible layer | None   |
| Hook Description               | Hooks given in beginning of function fn_write_record with skip handlers  |
| Description                    | <p>Hooks given in beginning of function fn_write_record with skip handlers</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p> |
| Bug No                         | 17454753   |

| Parameter                      | Description  |
|--------------------------------|--|
| Function                       | FN_WRITE_RECORD  |
| No of Parameters               | 9  |
| Function Call Id               | 2  |
| Cluster/Custom Function Name   | FN_POST_WRITE_RECORD   |
| Additional parameters          | None   |
| Sent to Extensible layer       | None   |
| Received from Extensible layer | None   |
| Hook Description               | Hooks given in endof function fn_write_record to reset skip handlers and handle additional custom functionality  |
| Description                    | <p>Hooks given in endof function fn_write_record to reset skip handlers and handle additional custom functionality</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p> |
| Bug No                         | 17454753   |