

Using SQL views "immsglog_ip" and "immsglogbycat"

In the Oracle DB, immsglog_ip is a synonym for the IMMSGLOG_IP_xxx_xxx_xxx_xxx.
 In the Oracle DB, immsglogbycat is a view configured that shows
 the CATEGORY number as a name, EVENTCATEGORY.

vvv -- This query will set the time/date format -- vvv

Script 1 **alter session set nls_date_format = 'dd-mon-yyyy hh24:mi:ss';**
 No Data

vvv -- This query will find the newest date/time stamp in the IMMSGLOG -- vvv

Script 2 **select localtime from immsglog_ip where idx = (select max(idx) from immsglog_ip);**
 11/12/2008 8:25:08 AM

vvv -- This query will find the oldest date/time stamp in the IMMSGLOG -- vvv

Script 3 **select localtime from immsglog_ip where idx = (select min(idx) from immsglog_ip);**
 10/28/2008 5:35:12 PM

vvv -- This query example will find all the Audit Trail messages present in the IMMSGLOG,
 and the date/time stamps of there entries -- vvv

Script 4 **select eventcategory, localtime from immsglogbycat where eventcategory like '%Audit%';**

AuditEvent_ConfigurationChange	11/10/2008 15:11
AuditEvent_ConfigurationChange	11/10/2008 15:59
AuditEvent_ConfigurationChange	11/10/2008 16:08
AuditEvent_System	11/10/2008 19:01
AuditEvent_AspectDirectory	11/10/2008 19:01

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AuditEvent_OperatorAction      11/10/2008 19:42
AuditEvent_System              11/10/2008 19:53
AuditEvent_System              11/10/2008 19:59
AuditEvent_Security            11/11/2008 11:13
AuditEvent_Security            11/11/2008 12:27
AuditEvent_OperatorAction      11/11/2008 12:27
AuditEvent_OperatorAction      11/11/2008 12:27
AuditEvent_OperatorAction      11/11/2008 12:28
AuditEvent_Security            11/11/2008 18:51
```

vvv -- This query will show the total number of messages in the IMMSGLOG,
 (max number configured if FIFO reached) -- vvv

Script 5 **select count(*) from immsglog_ip;**
 10050

Below is a description of the immsglogbycat view

```
SQL> desc immsglogbycat;
Name                               Null?      Type
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IDX                                 NOT NULL   NUMBER
LOCALTIME                           NOT NULL   DATE
EVENTCATEGORY                       VARCHAR2(4000)
MESSAGE                             VARCHAR2(4000)
CHANGE_MASK                          NUMBER
NEW_STATE                            NUMBER
SOURCE                              VARCHAR2(255)
SEVERITY                             NUMBER
CONDITION                           VARCHAR2(255)
SUB_COND                            VARCHAR2(255)
QUALITY                              NUMBER
ACK_REQ                             NUMBER
ACTIVE_TIME                          DATE
COOKIE                              NUMBER
ACTOR_ID                             VARCHAR2(64)
NUM_ATTRS                            NOT NULL   NUMBER
```