

oracle 10g 研究ORACLE_HOME rdbms admin 下的脚本的功能 (31) catactx.sql

oracle 10g 研究ORACLE_HOME rdbms admin 下的脚本的功能 (31) catactx.sql

```
#

Rem
Rem $Header: catactx.sql 24-may-2001.10:32:53 gviswana Exp $
Rem
Rem catactx.sql
Rem
Rem Copyright (c) Oracle Corporation 1998, 2000. All Rights Reserved.
Rem
Rem NAME
Rem     catactx.sql - <one-line expansion of the name>
Rem
Rem DESCRIPTION
Rem     <short description of component this file declares/defines>
Rem
Rem NOTES
Rem     <other useful comments, qualifications, etc.>
Rem
Rem MODIFIED   (MM/DD/YY)
Rem   gviswana   05/24/01 - CREATE OR REPLACE SYNONYM
Rem   htseng     04/12/01 - eliminate execute twice (remove ;).
Rem   rvissapr   09/08/00 - bug 1394376
Rem   cchui     06/07/00 - add initialized globally context
Rem   rvissapr   06/02/00 -
Rem   rvissapr   05/24/00 - adding global context views.
Rem   dnmwong    08/04/99 - make namespace and context 30 char long
Rem   dnmwong    09/23/98 - dictionary views for application context
Rem   dnmwong    09/23/98 - Created
Rem

remark
remark FAMILY "CONTEXT"
remark
remark Views for showing information about context namespaces:
remark SESSION_CONTEXT, ALL_CONTEXT and DBA_CONTEXT
remark

create or replace view v_$context as
  select SUBSTR(namespace,1,30) "NAMESPACE",
         SUBSTR(attribute,1,30) "ATTRIBUTE",
         value "VALUE" from v$context;
create or replace public synonym v$context for v_$context;
grant select on v_$context to select_catalog_role;

create or replace view gv_$context as
  select  SUBSTR(namespace,1,30) "NAMESPACE",
         SUBSTR(attribute,1,30) "ATTRIBUTE",
         value "VALUE" from gv$context;
create or replace public synonym gv$context for gv_$context;
grant select on gv_$context to select_catalog_role;

create or replace view SESSION_CONTEXT
  ( NAMESPACE, ATTRIBUTE, VALUE )
```

```

as
select namespace, attribute, value from v_$context
/
comment on table SESSION_CONTEXT is
'Description of all context attributes set under the current session'
/
comment on column SESSION_CONTEXT.NAMESPACE is
'Namespace of the attribute'
/
comment on column SESSION_CONTEXT.ATTRIBUTE is
'Name of the attribute'
/
comment on column SESSION_CONTEXT.VALUE is
'Value of the attribute'
/
create or replace public synonym SESSION_CONTEXT for SESSION_CONTEXT
/
grant select on SESSION_CONTEXT to PUBLIC with grant option
/
create or replace view ALL_CONTEXT
    (NAMESPACE, SCHEMA, PACKAGE)
as
select o.name, c.schema, c.package
from context$ c, obj$ o
where exists ( select null
                from v_$context v
                where v.namespace = o.name
                and o.obj# = c.obj#
                and o.type# = 44
            )
/
comment on table ALL_CONTEXT is
'Description of all active context namespaces under the current session'
/
comment on column ALL_CONTEXT.NAMESPACE is
'Namespace of the active context'
/
comment on column ALL_CONTEXT.SCHEMA is
'Schema of the designated package'
/
comment on column ALL_CONTEXT.PACKAGE is
'Name of the designated package'
/
create or replace public synonym ALL_CONTEXT for ALL_CONTEXT
/
grant select on ALL_CONTEXT to PUBLIC with grant option
/
create or replace view DBA_CONTEXT
    (NAMESPACE, SCHEMA, PACKAGE, TYPE)
as
select o.name, c.schema, c.package,
DECODE( c.flags,0,'ACCESSED LOCALLY',1,'INITIALIZED EXTERNALLY',2,'ACCESSED GLOBALLY',4,'INITIALIZED GLOBALLY')
from context$ c, obj$ o
where c.obj# = o.obj#
and o.type# = 44
/
comment on table DBA_CONTEXT is
'Description of all context namespace information'

```

```

/
comment on column DBA_CONTEXT.NAMESPACE is
'Namespace of the context'
/
comment on column DBA_CONTEXT.SCHEMA is
'Schema of the designated package'
/
comment on column DBA_CONTEXT.PACKAGE is
'Name of the designated package'
/
comment on column DBA_CONTEXT.TYPE is
'Type of the context create'
/
create or replace public synonym DBA_CONTEXT for DBA_CONTEXT
/
grant select on DBA_CONTEXT to select_catalog_role
/

Remark      Family "CONTEXT"
Remark      Subgroup "GLOBALCONTEXT"
Remark      Views showing information on Global Context
Remark      DBA_GLOBAL_CONTEXT , ALL_GLOBALCONDET

create or replace view v_$globalcontext as
  select SUBSTR(namespace,1,30) "NAMESPACE",
         SUBSTR(attribute,1,30) "ATTRIBUTE",
         value "VALUE",
         SUBSTR(username,1,30) "USERNAME",
         clientidentifier "CLIENT_IDENTIFIER"
  from v_$globalcontext;

create or replace public synonym v_$globalcontext for v_$globalcontext;
grant select on v_$globalcontext to select_catalog_role
/

create or replace view gv_$globalcontext as
  select SUBSTR(namespace,1,30) "NAMESPACE",
         SUBSTR(attribute,1,30) "ATTRIBUTE",
         value "VALUE",
         SUBSTR(username,1,30) "USERNAME",
         clientidentifier "CLIENT_IDENTIFIER"
  from gv_$globalcontext;

create or replace public synonym gv_$globalcontext for gv_$globalcontext
/

grant select on gv_$globalcontext to select_catalog_role
/

create or replace view GLOBAL_CONTEXT
(namespace, attribute, value, username, client_identifier)
as
select namespace, attribute, value, username, clientidentifier
from v_$globalcontext
where clientidentifier is null or clientidentifier = SYS_CONTEXT('USERENV','CLIENT_IDENTIFIER')
/

grant select on global_context to public
/

comment on table GLOBAL_CONTEXT is
'Information on all the globally accessible context attribute values'
/

```

```

comment on column GLOBAL_CONTEXT.NAMESPACE is
'Namespace of the globally accessible context'
/
comment on column GLOBAL_CONTEXT.ATTRIBUTE is
'attribute of the globally accessible context'
/
comment on column GLOBAL_CONTEXT.VALUE is
'value of the attribute of the globally accessible context'
/
comment on column GLOBAL_CONTEXT.USERNAME is
'username for which globally accessible context value is applicable '
/
comment on column GLOBAL_CONTEXT.CLIENT_IDENTIFIER is
'client identifier of the globally accessible context'
/
create or replace public synonym global_context for global_context
/
grant select on GLOBAL_CONTEXT to select_catalog_role
/
create or replace view DBA_GLOBAL_CONTEXT
(namespace, schema , package)
as
select o.name, c.schema,c.package
from context$ c, obj$ o
where c.obj# = o.obj#
and o.type# = 44
and c.flags= 2
/
comment on table DBA_GLOBAL_CONTEXT is
'Description of all context information accessible globally'
/
comment on column DBA_GLOBAL_CONTEXT.SCHEMA is
'Namespace of the globally accessible context'
/
comment on column DBA_GLOBAL_CONTEXT.PACKAGE is
'Schema of the package that administers the globally accessible context'
/
comment on column DBA_GLOBAL_CONTEXT.PACKAGE is
'Package that administers the globally accessible context'
/
create or replace public synonym DBA_GLOBAL_CONTEXT for DBA_GLOBAL_CONTEXT
/
grant select on DBA_GLOBAL_CONTEXT to select_catalog_role
/

```