

# Le Dictionnaire de données (ou référentiel) Oracle

## Définition et accès au dictionnaire

D'une manière générale il est utile de connaître un minimum du contexte des données que l'on souhaite consulter ou mettre à jour. La liste de mes tables, les noms et types des colonnes d'une de mes tables, les tables accessibles, etc.

Ces informations qui concernent les informations, sont appelées méta données (ou META DATA).

Suivent les bases de données, on peut y avoir accès soit via une interface graphique, via des commandes spécifiques simples, ou + simplement encore via des SELECT si les méta données sont stockées dans des tables relationnelles.

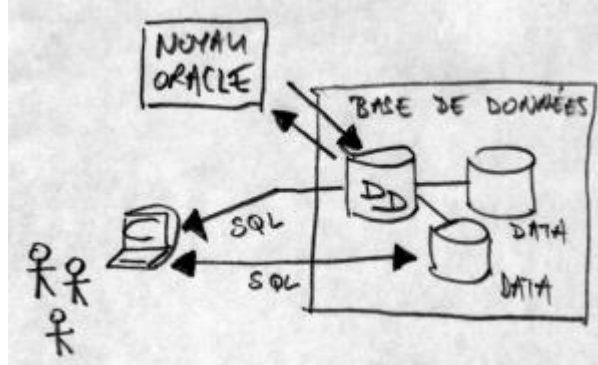
Pour se faire une idée on a [ici un aperçu de l'accès aux méta données des principaux SGBDs du marché](#), et un petit zoom sur [les meta data MySQL](#)

Le dictionnaire de données (DD) est le référentiel unique qui décrit tous les objets physiques et logiques d'une base de données Oracle. Il est accédé implicitement par le noyau Oracle et explicitement par les utilisateurs DBA ou non.

Par exemple lorsque l'on crée une table le noyau insère automatiquement une ligne descriptive dans la table des tables.

Le dictionnaire est **organisé en tables et en vues**, ce qui implique que son interrogation peut se faire en SQL !

remarque : il est interdit à un utilisateur même DBA d'écrire explicitement dans le dictionnaire.



## Contenu du dictionnaire

Le dictionnaire est composé de tables appartenant à SYS, et dont le nom se termine en général par un '\$' (SYS.TAB\$ la table des tables, SYS.TS\$ la table des tablespaces, etc.) .

Pour des raisons de confort et de sécurité, on n'accède pratiquement jamais à ces tables en direct, on passe par l'intermédiaire de vues plus lisibles.

Les vues les plus couramment utilisées sont **des vues statiques**. Elles décrivent les : tablespaces, fichiers physiques, tables, contraintes, clusters, vues, index, synonymes, procédures, fonctions, packages, triggers, utilisateurs, droits d'accès, rôles, profils, audits, etc...

Il existe également **des vues dynamiques**, concernant essentiellement les ressources système en cours d'utilisation, les ressources Oracle en cours d'utilisation, les sessions connectées, les verrous, etc. C'est ce qu'on appelle les vues et tables virtuelles.

Toutes les tables et vues du dictionnaire appartiennent à SYS. Elles sont consultables suivant le profil de l'utilisateur.

## Les vues statiques

Il existe 3 catégories de vues (reconnaissables par leur préfixe) :

USER_XXX : décrit les objets appartenant à l'utilisateur connecté
-------------------------------------------------------------------

ALL_XXX : décrit les objets accessibles à l'utilisateur connecté
------------------------------------------------------------------

DBA_XXX : décrit tous les objets (vues autorisées aux DBAs seulement...)
--------------------------------------------------------------------------

chaque XXX est en général remplacé par un nom (en anglais) significatif. Ainsi USER\_TABLES est la vue de toutes MES tables, DBA\_SYNONYMS est la vue de TOUS les synonymes du système.

Une (méta) description du dictionnaire est donnée par la vue DICT.



*Attention ! suivant les principes de préfixage évoqués ci-dessus, les vues commençant par 'ALL\_' ne décrivent pas TOUS les objets mais les objets ACCESSIBLES à l'utilisateur courant. Ainsi ALL\_TABLES ne donne pas la liste de toutes les tables de la base, c'est DBA\_TABLES !*

# Un exemple détaillé : la vue DBA\_USERS

On peut regarder dans la vue DICT comment est décrite la VUE DBA\_USERS :

```
select * from DICT
where table_name= 'DBA_USERS'
```

TABLE_NAME	COMMENTS
DBA_USERS	Information about all users of the database



*DBA\_USERS est en fait un synonyme public qui pointe sur la vue SYS.DBA\_USERS qui est une jointure des tables SYS.USER\$\$, SYS.TS\$, etc.*

Pour une description plus détaillée on peut faire un DESCRIBE de la table sous SQL\*Plus (WorkSheet / i\*SQLPlus) :

```
DESCRIBE DBA_USERS
```

Nom	NULL ?	Type
USERNAME	NOT NULL	VARCHAR2 (30)
USER_ID	NOT NULL	NUMBER
PASSWORD		VARCHAR2 (30)
ACCOUNT_STATUS	NOT NULL	VARCHAR2 (32)
LOCK_DATE		DATE
EXPIRY_DATE		DATE
DEFAULT_TABLESPACE	NOT NULL	VARCHAR2 (30)
TEMPORARY_TABLESPACE	NOT NULL	VARCHAR2 (30)
CREATED	NOT NULL	DATE
PROFILE	NOT NULL	VARCHAR2 (30)
INITIAL_RSRC_CONSUMER_GROUP		VARCHAR2 (30)
EXTERNAL_NAME		VARCHAR2 (4000)

et apothéose on peut voir quel est la définition exacte de cette vue (le texte du SELECT) dans le dictionnaire, et on s'aperçoit que c'est encore + compliqué qu'il n'y parait (c'est souvent comme ça dans la nature) :

```
SQL> SET LONG 2000
SQL> select text from dba_views
where view_name ='DBA_USERS'
```

TEXT
<b>SELECT</b> u.name, u.user#, u.password, m.status, decode(u.astatus, 4, u.ltime, 5, u.ltime, 6, u.ltime, 8, u.ltime, 9, u.ltime, 10, u.ltime, to_date(NULL)), decode(u.astatus, 1, u.exptime, 2, u.exptime, 5, u.exptime, 6, u.exptime, 9, u.exptime, 10, u.exptime, decode(u.ptime, '', to_date(NULL), decode(pr .limit#, 2147483647, to_date(NULL), decode(pr.limit#, 0, decode(dp.limit#, 2147483647, to_date(NULL), u.ptime + dp.limit#/86400), u.ptime + pr.limit#/86400))), dts.name, tts.name, u.ctime, p.name, u.defschclass, u.ext_username <b>FROM</b> sys.user\$ u, sys.ts\$ dts, sys.ts\$ tts, sys.profname\$ p, sys.user_astatus_map m, sys.profile\$ pr, sys.profile\$ dp <b>WHERE</b> u.datats# = dts.ts# and u.resource\$ = p.profile# and u.tempts# = tts.ts# and u .astatus = m.status# and u.type# = 1 and u.resource\$ = pr.profile# and dp.profile# = 0 and dp.type#=1 and dp.resource#=1 and pr.type# = 1 and pr.resource# = 1



# Les vues dynamiques

Pour information leur nom commence par 'V\_\$' et appartiennent (comme les autres) à SYS. Il existe des synonymes publics pour ces vues qui commencent par un 'V\$'. Elles sont surtout utiles pour la surveillance en temps réel du système ou pour faire du tuning.

Quelques vues dynamiques utiles au DBA :

V\$VERSION	Nom du composant logiciel et no de version du noyau Oracle
V\$DATABASE	Infos générales sur la base (nom, control files, reset logs, checkpoints, etc)
V\$SESSION	Infos sur les sessions actuellement connectées
v\$LOCK	Les verrous actifs et en attente
v\$SGA	Taille et composition de la mémoire partagée
V\$SQL	Ordres SQL en cache
V\$SYSSTAT	Statistiques système

## Liste des différentes vues du dictionnaire

- Vous trouverez ci-après [la liste des vues les plus couramment utilisées par le développeur](#)

## Liste des vues statiques du dictionnaire Oracle pour l'utilisateur ou le développeur

Nom de la vue	synonyme	Contenu
DICTIONARY	DICT	Toutes les vues du dictionnaire ,pour le développeur ou le DBA : Nom de la vue, description
USER_TABLES	TABS	mes tables : nom, tablespace, stockage, statistiques, cluster éventuel
USER_TAB_COLUMNS	COLS	Colonnes de mes tables : Nom colonne, type, longueur, obligatoire
USER_VIEWS	-	Mes vues : Nom, texte de l'ordre SQL associé, type
USER_INDEXES	IND	Mes indexs : Nom, table indexée, unicité, stockage, statistiques
USER_IND_COLUMNS	-	Nom index, nom table, nom colonne, position et longueur
USER_CLUSTERS	CLU	Mes clusters ; Nom, stockage, statistiques
USER_OBJECTS	OBJ	Mes objets : tables, vues, indexs, clusters, synonymes, procédures, fonction, package, sequence
USER_SEQUENCES	SEQ	Mes séquences : Valeur min, max, increment, cycle, cache
USER_SYNONYMS	SYN	Mes synonymes : Nom du synonyme, de l'attribution, propriétaire et db link éventuel
USER_USERS	-	Caractéristiques générales du user : Nom, tablespace par défaut, tablespace temporaire
USER_CONSTRAINTS	-	De mes contraintes : Nom, type, table d'accueil, statut
USER_DB_LINKS	-	De mes database links (liens base distantes) : Nom, user distant, mot de passe, serveur distant, date de creation
USER_TAB_PRIVS	-	Des privilèges donnés ou reçus : Bénéficiaire, propriétaire, créateur
USER_EXTENTS	-	Caractéristiques de stockage de mes objets : Nom du segment, de la partition, du tablespace, taille en octets et en blocs
USER_TS_QUOTAS	-	Quota d'écriture autorisé sur les tablespaces : Nom du tablespace, taille max en octets et en blocs

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- Voir aussi la [liste complète des vues statiques DBA d'Oracle 9iR2](#)
- ```
select * from dict
where table_name like 'DBA%'
```

| TABLE_NAME                     | COMMENTS                                                                                                                                                                                                           |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DBA_2PC_NEIGHBORS              | information about incoming and outgoing connections for pending transactions                                                                                                                                       |
| DBA_2PC_PENDING                | info about distributed transactions awaiting recovery                                                                                                                                                              |
| DBA_ALL_TABLES                 | Description of all object and relational tables in the database                                                                                                                                                    |
| DBA_ANALYZE_OBJECTS            |                                                                                                                                                                                                                    |
| DBA_APPLY                      | Details about the apply process                                                                                                                                                                                    |
| DBA_APPLY_CONFLICT_COLUMNS     | Details about conflict resolution                                                                                                                                                                                  |
| DBA_APPLY_DML_HANDLERS         | Details about the dml handler                                                                                                                                                                                      |
| DBA_APPLY_ERROR                | Error transactions                                                                                                                                                                                                 |
| DBA_APPLY_INSTANTIATED_OBJECTS | Details about objects instantiated                                                                                                                                                                                 |
| DBA_APPLY_KEY_COLUMNS          | alternative key columns for a table for STREAMS                                                                                                                                                                    |
| DBA_APPLY_PARAMETERS           | All parameters for apply process                                                                                                                                                                                   |
| DBA_APPLY_PROGRESS             | Information about the progress made by apply process                                                                                                                                                               |
| DBA_AQ_AGENTS                  |                                                                                                                                                                                                                    |
| DBA_AQ_AGENT_PRIVS             |                                                                                                                                                                                                                    |
| DBA_ASSOCIATIONS               | All associations                                                                                                                                                                                                   |
| DBA_ATTRIBUTE_TRANSFORMATIONS  |                                                                                                                                                                                                                    |
| DBA_AUDIT_EXISTS               | Lists audit trail entries produced by AUDIT NOT EXISTS and AUDIT EXISTS                                                                                                                                            |
| DBA_AUDIT_OBJECT               | Audit trail records for statements concerning objects, specifically: table, cluster, view, index, sequence, [public] database link, [public] synonym, procedure, trigger, rollback segment, tablespace, role, user |
| DBA_AUDIT_POLICIES             | All fine grained auditing policies in the database                                                                                                                                                                 |
| DBA_AUDIT_SESSION              | All audit trail records concerning CONNECT and DISCONNECT                                                                                                                                                          |
| DBA_AUDIT_STATEMENT            | Audit trail records concerning grant, revoke, audit, noaudit and alter system                                                                                                                                      |
| DBA_AUDIT_TRAIL                | All audit trail entries                                                                                                                                                                                            |
| DBA_AWS                        | Analytic Workspaces in the database                                                                                                                                                                                |
| DBA_AW_PS                      | Pagespaces in Analytic Workspaces owned by the user                                                                                                                                                                |
| DBA_BASE_TABLE_MVIEWS          | All materialized views with log(s) in the database                                                                                                                                                                 |
| DBA_BLOCKERS                   |                                                                                                                                                                                                                    |
| DBA_CACHEABLE_NONTABLE_OBJECTS |                                                                                                                                                                                                                    |
| DBA_CACHEABLE_OBJECTS          |                                                                                                                                                                                                                    |
| DBA_CACHEABLE_OBJECTS_BASE     |                                                                                                                                                                                                                    |
| DBA_CACHEABLE_TABLES           |                                                                                                                                                                                                                    |
| DBA_CACHEABLE_TABLES_BASE      |                                                                                                                                                                                                                    |
| DBA_CAPTURE                    | Details about the capture process                                                                                                                                                                                  |
| DBA_CAPTURE_PARAMETERS         | All parameters for capture process                                                                                                                                                                                 |
| DBA_CAPTURE_PREPARED_DATABASE  | Is the local database prepared for instantiation?                                                                                                                                                                  |
| DBA_CAPTURE_PREPARED_SCHEMAS   | All schemas at the local database that are prepared for instantiation                                                                                                                                              |
| DBA_CAPTURE_PREPARED_TABLES    | All tables prepared for instantiation                                                                                                                                                                              |
| DBA_CATALOG                    | All database Tables, Views, Synonyms, Sequences                                                                                                                                                                    |
| DBA_CLUSTERS                   | Description of all clusters in the database                                                                                                                                                                        |
| DBA_CLUSTER_HASH_EXPRESSIONS   | Hash functions for all clusters                                                                                                                                                                                    |
| DBA_CLU_COLUMNS                | Mapping of table columns to cluster columns                                                                                                                                                                        |
| DBA_COLL_TYPES                 | Description of all named collection types in the database                                                                                                                                                          |
| DBA_COL_COMMENTS               | Comments on columns of all tables and views                                                                                                                                                                        |
| DBA_COL_PRIVS                  | All grants on columns in the database                                                                                                                                                                              |
| DBA_CONSTRAINTS                | Constraint definitions on all tables                                                                                                                                                                               |
| DBA_CONS_COLUMNS               | Information about accessible columns in constraint definitions                                                                                                                                                     |

|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| DBA_CONS_OBJ_COLUMNS          | List of types an object column or attribute is constrained to in all tables in the database      |
| DBA_CONTEXT                   | Description of all context namespace information                                                 |
| DBA_DATA_FILES                | Information about database data files                                                            |
| DBA_DB_LINKS                  | All database links in the database                                                               |
| DBA_DDL_LOCKS                 |                                                                                                  |
| DBA_DEPENDENCIES              | Dependencies to and from objects                                                                 |
| DBA_DIMENSIONS                | Description of the dimension objects accessible to the DBA                                       |
| DBA_DIM_ATTRIBUTES            | Representation of the relationship between a dimension level and a functionally dependent column |
| DBA_DIM_CHILD_OF              | Representaion of a 1:n hierarchical relationship between a pair of levels in a dimension         |
| DBA_DIM_HIERARCHIES           | Representation of a dimension hierarchy                                                          |
| DBA_DIM_JOIN_KEY              | Representation of a join between two dimension tables.                                           |
| DBA_DIM_LEVELS                | Description of dimension levels visible to DBA                                                   |
| DBA_DIM_LEVEL_KEY             | Representations of columns of a dimension level                                                  |
| DBA_DIRECTORIES               | Description of all directories                                                                   |
| DBA_DML_LOCKS                 |                                                                                                  |
| DBA_DMT_FREE_SPACE            | Free extents in all dictionary managed tablespaces                                               |
| DBA_DMT_USED_EXTENTS          | All extents in the dictionary managed tablespaces                                                |
| DBA_ERRORS                    | Current errors on all stored objects in the database                                             |
| DBA_EVALUATION_CONTEXTS       | rule evaluation contexts in the database                                                         |
| DBA_EVALUATION_CONTEXT_TABLES | tables in all rule evaluation contexts in the database                                           |
| DBA_EVALUATION_CONTEXT_VARS   | variables in all rule evaluation contexts in the database                                        |
| DBA_EXP_FILES                 | Description of export files                                                                      |
| DBA_EXP_OBJECTS               | Objects that have been incrementally exported                                                    |
| DBA_EXP_VERSION               | Version number of the last export session                                                        |
| DBA_EXTENTS                   | Extents comprising all segments in the database                                                  |
| DBA_EXTERNAL_LOCATIONS        | Description of the external tables locations accessible to the DBA                               |
| DBA_EXTERNAL_TABLES           | Description of the external tables accessible to the DBA                                         |
| DBA_FGA_AUDIT_TRAIL           | All fine grained audit event logs                                                                |
| DBA_FREE_SPACE                | Free extents in all tablespaces                                                                  |
| DBA_FREE_SPACE_COALESCED      | Statistics on Coalesced Space in Tablespaces                                                     |
| DBA_GLOBAL_CONTEXT            | Description of all context information accessible globally                                       |
| DBA_IAS_CONSTRAINT_EXP        |                                                                                                  |
| DBA_IAS_GEN_STMTS             |                                                                                                  |
| DBA_IAS_GEN_STMTS_EXP         |                                                                                                  |
| DBA_IAS_OBJECTS               |                                                                                                  |
| DBA_IAS_OBJECTS_BASE          |                                                                                                  |
| DBA_IAS_OBJECTS_EXP           |                                                                                                  |
| DBA_IAS_POSTGEN_STMTS         |                                                                                                  |
| DBA_IAS_PREGEN_STMTS          |                                                                                                  |
| DBA_IAS_SITES                 |                                                                                                  |
| DBA_IAS_TEMPLATES             |                                                                                                  |
| DBA_INDEXES                   | Description for all indexes in the database                                                      |
| DBA_INDEXTYPES                | All indextypes                                                                                   |
| DBA_INDEXTYPE_COMMENTS        | Comments for user-defined indextypes                                                             |
| DBA_INDEXTYPE_OPERATORS       | All indextype operators                                                                          |
| DBA_IND_COLUMNS               | COLUMNs comprising INDEXes on all TABLEs and CLUSTERs                                            |
| DBA_IND_EXPRESSIONS           | FUNCTIONAL INDEX EXPRESSIONs on all TABLEs and CLUSTERs                                          |
| DBA_IND_PARTITIONS            |                                                                                                  |
| DBA_IND_SUBPARTITIONS         |                                                                                                  |
| DBA_INTERNAL_TRIGGERS         | Description of the internal triggers on all tables in the database                               |
| DBA_JAVA_ARGUMENTS            | argument information of all stored java class                                                    |

|                               |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| DBA_JAVA_CLASSES              | class level information of all stored java classes                                                                     |
| DBA_JAVA_DERIVATIONS          | this view maps java source objects and their derived java class objects and java resource objects for all java classes |
| DBA_JAVA_FIELDS               | field information of all stored java class                                                                             |
| DBA_JAVA_IMPLEMENTEDS         | interfaces implemented by the stored java class                                                                        |
| DBA_JAVA_INNERS               | list of inner classes referred by the stored java class                                                                |
| DBA_JAVA_LAYOUTS              | class layout information about stored java class                                                                       |
| DBA_JAVA_METHODS              | method information of all stored java class                                                                            |
| DBA_JAVA_NCOMPS               |                                                                                                                        |
| DBA_JAVA_POLICY               | java security Permissions for all users                                                                                |
| DBA_JAVA_RESOLVERS            | resolver of java class owned by user                                                                                   |
| DBA_JAVA_THROWS               | list of exceptions thrown from a method of a class owned by user                                                       |
| DBA_JOBS                      | All jobs in the database                                                                                               |
| DBA_JOBS_RUNNING              | All jobs in the database which are currently running, join v\$lock and job\$                                           |
| DBA_JOIN_IND_COLUMNS          | Join Index columns comprising the join conditions                                                                      |
| DBA_KGLLOCK                   |                                                                                                                        |
| DBA_LIBRARIES                 | Description of all libraries in the database                                                                           |
| DBA_LMT_FREE_SPACE            | Free extents in all locally managed tablespaces                                                                        |
| DBA_LMT_USED_EXTENTS          | All extents in the locally managed tablespaces                                                                         |
| DBA_LOBS                      | Description of LOBs contained in all tables                                                                            |
| DBA_LOB_PARTITIONS            |                                                                                                                        |
| DBA_LOB_SUBPARTITIONS         |                                                                                                                        |
| DBA_LOB_TEMPLATES             |                                                                                                                        |
| DBA_LOCK                      |                                                                                                                        |
| DBA_LOCK_INTERNAL             |                                                                                                                        |
| DBA_LOGSTDBY_EVENTS           | Information on why logical standby events                                                                              |
| DBA_LOGSTDBY_LOG              | List the information about received logs from the primary                                                              |
| DBA_LOGSTDBY_NOT_UNIQUE       | List of all the tables with out primary or unique key not null constraints                                             |
| DBA_LOGSTDBY_PARAMETERS       | Miscellaneous options and settings for Logical Standby                                                                 |
| DBA_LOGSTDBY_PROGRESS         | List the SCN values describing read and apply progress                                                                 |
| DBA_LOGSTDBY_SKIP             | List the skip settings choosen                                                                                         |
| DBA_LOGSTDBY_SKIP_TRANSACTION | List the transactions to be skipped                                                                                    |
| DBA_LOGSTDBY_UNSUPPORTED      | List of all the columns that are not supported by Logical Standby                                                      |
| DBA_LOG_GROUPS                | Log group definitions on all tables                                                                                    |
| DBA_LOG_GROUP_COLUMNS         | Information about columns in log group definitions                                                                     |
| DBA_METHOD_PARAMS             | Description of method parameters of all types in the database                                                          |
| DBA_METHOD_RESULTS            | Description of method results of all types in the database                                                             |
| DBA_MVIEWS                    | All materialized views in the database                                                                                 |
| DBA_MVIEW_AGGREGATES          | Description of the materialized view aggregates accessible to dba                                                      |
| DBA_MVIEW_ANALYSIS            | Description of the materialized views accessible to dba                                                                |
| DBA_MVIEW_DETAIL_RELATIONS    | Description of the materialized view detail tables accessible to dba                                                   |
| DBA_MVIEW_JOINS               | Description of a join between two columns in the WHERE clause of a materialized view accessible to dba                 |
| DBA_MVIEW_KEYS                | Description of the columns that appear in the GROUP BY list of a materialized view accessible to dba                   |
| DBA_MVIEW_LOGS                | All materialized view logs in the database                                                                             |
| DBA_MVIEW_LOG_FILTER_COLS     | All filter columns (excluding PK cols) being logged in the materialized view logs                                      |
| DBA_MVIEW_REFRESH_TIMES       | All fast refreshable materialized views and their last refresh times for each master table                             |
| DBA_NESTED_TABLES             | Description of nested tables contained in all tables                                                                   |
| DBA_OBJECTS                   | All objects in the database                                                                                            |
| DBA_OBJECT_SIZE               | Sizes, in bytes, of various pl/sql objects                                                                             |

|                                |                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------|
| DBA_OBJECT_TABLES              | Description of all object tables in the database                                         |
| DBA_OBJ_AUDIT_OPTS             | Auditing options for all tables and views                                                |
| DBA_OBJ_COLATTRS               | Description of object columns and attributes contained in all tables in the database     |
| DBA_OPANCILLARY                | All ancillary operators                                                                  |
| DBA_OPARGUMENTS                | All operator arguments                                                                   |
| DBA_OPBINDINGS                 | All operator binding functiosn or methods                                                |
| DBA_OPERATORS                  | All operators                                                                            |
| DBA_OPERATOR_COMMENTS          | Comments for user-defined operators                                                      |
| DBA_OUTLINES                   | Stored outlines                                                                          |
| DBA_OUTLINE_HINTS              | Hints stored in outlines                                                                 |
| DBA_PARTIAL_DROP_TABS          | All tables with partially dropped columns in the database                                |
| DBA_PART_COL_STATISTICS        |                                                                                          |
| DBA_PART_HISTOGRAMS            |                                                                                          |
| DBA_PART_INDEXES               |                                                                                          |
| DBA_PART_KEY_COLUMNS           |                                                                                          |
| DBA_PART_LOBS                  |                                                                                          |
| DBA_PART_TABLES                |                                                                                          |
| DBA_PENDING_CONV_TABLES        | All tables which are not upgraded to the latest type version in the database             |
| DBA_PENDING_TRANSACTIONS       | information about unresolved global transactions                                         |
| DBA_POLICIES                   | All row level security policies in the database                                          |
| DBA_POLICY_CONTEXTS            | All policy driving context defined for any synonym, table, or view in the database       |
| DBA_POLICY_GROUPS              | All policy groups defined for any synonym, table, view in the database                   |
| DBA_PRIV_AUDIT_OPTS            | Describes current system privileges being audited across the system and by user          |
| DBA_PROCEDURES                 | Description of all procedures                                                            |
| DBA_PROFILES                   | Display all profiles and their limits                                                    |
| DBA_PROPAGATION                | Streams propagation in the database                                                      |
| DBA_PROXIES                    | Information about all proxy connections                                                  |
| DBA_PUBLISHED_COLUMNS          |                                                                                          |
| DBA_QUEUES                     | All database queues                                                                      |
| DBA_QUEUE_PUBLISHERS           |                                                                                          |
| DBA_QUEUE_SCHEDULES            |                                                                                          |
| DBA_QUEUE_TABLES               | All queue tables created in the database                                                 |
| DBA_RCHILD                     | All the children in any refresh group. This view is not a join.                          |
| DBA_REFRESH                    | All the refresh groups                                                                   |
| DBA_REFRESH_CHILDREN           | All the objects in refresh groups                                                        |
| DBA_REFS                       | Description of REF columns contained in all tables                                       |
| DBA_REGISTERED_MVIEWS          | Remote materialized views of local tables                                                |
| DBA_REGISTERED_MVIEW_GROUPS    | Materialized view repgroup registration information                                      |
| DBA_REGISTERED_SNAPSHOTS       | Remote snapshots of local tables                                                         |
| DBA_REGISTERED_SNAPSHOT_GROUPS | Snapshot repgroup registration information                                               |
| DBA_REGISTRY                   |                                                                                          |
| DBA_REGISTRY_HIERARCHY         |                                                                                          |
| DBA_REPAUDIT_ATTRIBUTE         | Information about attributes automatically maintained for replication                    |
| DBA_REPAUDIT_COLUMN            | Information about columns in all shadow tables for all replicated tables in the database |
| DBA_REPCAT                     |                                                                                          |
| DBA_REPCATALOG                 | Information about asynchronous administration requests                                   |
| DBA_REPCAT_EXCEPTIONS          | Repcat processing exceptions table.                                                      |
| DBA_REPCOLUMN                  | Replicated top-level columns (table) sorted alphabetically in ascending order            |
| DBA_REPCOLUMN_GROUP            | All column groups of replicated tables in the database                                   |



|                               |                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------|
| DBA_REPCONFLICT               | All conflicts for which users have specified resolutions in the database                                   |
| DBA_REPDDL                    | Arguments that do not fit in a single repcat log record                                                    |
| DBA_REPEXTENSIONS             | Information about replication extension requests                                                           |
| DBA_REPFLAVORS                | Flavors defined for replicated object groups                                                               |
| DBA_REPFLAVOR_COLUMNS         | Replicated columns in flavors                                                                              |
| DBA_REPFLAVOR_OBJECTS         | Replicated objects in flavors                                                                              |
| DBA_REPGENERATED              | Objects generated to support replication                                                                   |
| DBA_REPGENOBJECTS             | Objects generated to support replication                                                                   |
| DBA_REPGROUP                  | Information about all replicated object groups                                                             |
| DBA_REPGROUPED_COLUMN         | Columns in the all column groups of replicated tables in the database                                      |
| DBA_REPGROUP_PRIVILEGES       | Information about users who are registered for object group privileges                                     |
| DBA_REPKEY_COLUMNS            | Primary columns for a table using column-level replication                                                 |
| DBA_REPOBJECT                 | Information about replicated objects                                                                       |
| DBA_REPPARAMETER_COLUMN       | All columns used for resolving conflicts in the database                                                   |
| DBA_REPPRIORITY               | Values and their corresponding priorities in all priority groups in the database                           |
| DBA_REPPRIORITY_GROUP         | Information about all priority groups in the database                                                      |
| DBA_REPPROP                   | Propagation information about replicated objects                                                           |
| DBA_REPRESOLUTION             | Description of all conflict resolutions in the database                                                    |
| DBA_REPRESOLUTION_METHOD      | All conflict resolution methods in the database                                                            |
| DBA_REPRESOLUTION_STATISTICS  | Statistics for conflict resolutions for all replicated tables in the database                              |
| DBA_REPRESOL_STATS_CONTROL    | Information about statistics collection for conflict resolutions for all replicated tables in the database |
| DBA_REPSHEMA                  | N-way replication information                                                                              |
| DBA_REPSITES                  | N-way replication information                                                                              |
| DBA_REPSITES_NEW              | Information about new masters for replication extension                                                    |
| DBA_RESUMABLE                 | Resumable session information in the system                                                                |
| DBA_RGROUP                    | All refresh groups. This view is not a join.                                                               |
| DBA_ROLES                     | All Roles which exist in the database                                                                      |
| DBA_ROLE_PRIVS                | Roles granted to users and roles                                                                           |
| DBA_ROLLBACK_SEGS             | Description of rollback segments                                                                           |
| DBA_RSRC_CONSUMER_GROUPS      | all the resource consumer groups                                                                           |
| DBA_RSRC_CONSUMER_GROUP_PRIVS | Switch privileges for consumer groups                                                                      |
| DBA_RSRC_MANAGER_SYSTEM_PRIVS | system privileges for the resource manager                                                                 |
| DBA_RSRC_PLANS                | All the resource plans                                                                                     |
| DBA_RSRC_PLAN_DIRECTIVES      | all the resource plan directives                                                                           |
| DBA_RULES                     | Rules in the database                                                                                      |
| DBA_RULESETS                  | Rulesets in the database: maintained for backward compatibility                                            |
| DBA_RULE_SETS                 | Rule sets in the database                                                                                  |
| DBA_RULE_SET_RULES            | Rules in all rule sets in the database                                                                     |
| DBA_SECONDARY_OBJECTS         | All secondary objects for domain indexes                                                                   |
| DBA_SEGMENTS                  | Storage allocated for all database segments                                                                |
| DBA_SEQUENCES                 | Description of all SEQUENCES in the database                                                               |
| DBA_SNAPSHOTS                 | All snapshots in the database                                                                              |
| DBA_SNAPSHOT_LOGS             | All snapshot logs in the database                                                                          |
| DBA_SOURCE                    | Source of all stored objects in the database                                                               |
| DBA_SOURCE_TABLES             |                                                                                                            |
| DBA_SOURCE_TAB_COLUMNS        |                                                                                                            |
| DBA_SQLJ_TYPES                | Description of all types in the database                                                                   |
| DBA_SQLJ_TYPE_ATTRS           | Description of attributes of all types in the database                                                     |
| DBA_SQLJ_TYPE_METHODS         | Description of methods of all types in the database                                                        |
| DBA_STMT_AUDIT_OPTS           | Describes current system auditing options across the system and by user                                    |

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| DBA_STORED_SETTINGS          | Parameter settings for all objects                                     |
| DBA_STREAMS_GLOBAL_RULES     | Global rules created by streams administrative APIs                    |
| DBA_STREAMS_SCHEMA_RULES     | Schema rules created by streams administrative APIs                    |
| DBA_STREAMS_TABLE_RULES      | Table rules created by streams administrative APIs                     |
| DBA_SUBPARTITION_TEMPLATES   |                                                                        |
| DBA_SUBPART_COL_STATISTICS   |                                                                        |
| DBA_SUBPART_HISTOGRAMS       |                                                                        |
| DBA_SUBPART_KEY_COLUMNS      |                                                                        |
| DBA_SUBSCRIBED_COLUMNS       |                                                                        |
| DBA_SUBSCRIBED_TABLES        |                                                                        |
| DBA_SUBSCRIPTIONS            |                                                                        |
| DBA_SUMMARIES                | Description of the summaries accessible to dba                         |
| DBA_SYNONYMS                 | All synonyms in the database                                           |
| DBA_SYS_PRIVS                | System privileges granted to users and roles                           |
| DBA_TABLES                   | Description of all relational tables in the database                   |
| DBA_TABLESPACES              | Description of all tablespaces                                         |
| DBA_TAB_COLS                 | Columns of user's tables, views and clusters                           |
| DBA_TAB_COLUMNS              | Columns of user's tables, views and clusters                           |
| DBA_TAB_COL_STATISTICS       | Columns of user's tables, views and clusters                           |
| DBA_TAB_COMMENTS             | Comments on all tables and views in the database                       |
| DBA_TAB_HISTOGRAMS           | Histograms on columns of all tables                                    |
| DBA_TAB_MODIFICATIONS        | Information regarding modifications to tables                          |
| DBA_TAB_PARTITIONS           |                                                                        |
| DBA_TAB_PRIVS                | All grants on objects in the database                                  |
| DBA_TAB_SUBPARTITIONS        |                                                                        |
| DBA_TEMPLATE_REFGROUPS       | Table for maintaining refresh group information for template.          |
| DBA_TEMPLATE_TARGETS         | Internal table for tracking potential target databases for templates.  |
| DBA_TEMP_FILES               | Information about database temp files                                  |
| DBA_TRANSFORMATIONS          |                                                                        |
| DBA_TRIGGERS                 | All triggers in the database                                           |
| DBA_TRIGGER_COLS             | Column usage in all triggers                                           |
| DBA_TS_QUOTAS                | Tablespace quotas for all users                                        |
| DBA_TYPES                    | Description of all types in the database                               |
| DBA_TYPE_ATTRS               | Description of attributes of all types in the database                 |
| DBA_TYPE_METHODS             | Description of methods of all types in the database                    |
| DBA_TYPE_VERSIONS            | Description of each type version in the database                       |
| DBA_UNDO_EXTENTS             | Extents comprising all segments in the system managed undo tablespaces |
| DBA_UNUSED_COL_TABS          | All tables with unused columns in the database                         |
| DBA_UPDATABLE_COLUMNS        | Description of dba updatable columns                                   |
| DBA_USERS                    | Information about all users of the database                            |
| DBA_USTATS                   | All statistics collected on either tables or indexes                   |
| DBA_VARRAYS                  | Description of varrays in tables accessible to the user                |
| DBA_VIEWS                    | Description of all views in the database                               |
| DBA_WAITERS                  |                                                                        |
| DBA_WORKSPACES               |                                                                        |
| DBA_WORKSPACE_SESSIONS       |                                                                        |
| DBA_HISTOGRAMS               | Synonym for DBA_TAB_HISTOGRAMS                                         |
| DBA_LOCKS                    | Synonym for DBA_LOCK                                                   |
| DBA_SNAPSHOT_LOG_FILTER_COLS | Synonym for DBA_MVIEW_LOG_FILTER_COLS                                  |
| DBA_SNAPSHOT_REFRESH_TIMES   | Synonym for DBA_MVIEW_REFRESH_TIMES                                    |

- 293 ligne(s) sélectionnée(s).
- [liste complète des vues dynamiques](#)



*Si vous ne vous rappelez aucun nom de vues du dictionnaire, pour avoir un aperçu de son contenu, taper sous SQL\*Plus :* SQL> SELECT \* FROM DICT ;



SI vous voulez connaître la structure (les colonnes) des vues du dictionnaire, il suffit de faire un DESC sous SQL+. Par exemple :

SQL > DESCRIBE v\$session

SQL> DESCRIBE USER\_TABLES

Pour plus d'infos voir dans la doc ou sur OTN, le manuel nommé 'reference' qui décrit exhaustivement le dictionnaire Oracle.