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DBMS_CLOUD_REPO

The DBMS_CLOUD_REPO package provides for use of and management of cloud hosted code repositories from Oracle Database. Supported cloud code repositories include GitHub, AWS CodeCommit, and Azure Repos.

DBMS_CLOUD_REPO Overview

The DBMS_CLOUD_REPO package provides easy access to files in Cloud Code (Git) Repositories, including: GitHub, AWS CodeCommit, and Azure Repos.

This package is a single interface for access to Multicloud Code repositories and allows you to upload SQL files to Git repositories or install SQL scripts directly from Cloud Code Repositories. This package also allows you to use a Cloud Code Repository to manage code versions for SQL scripts and to install or patch application code from Git repositories.

Concepts

- Git Version Control System: Git is software for tracking changes in any set of files, usually
 used for coordinating work among programmers collaboratively developing source code
 during software development. Its goals include speed, data integrity, and support for
 distributed, non-linear workflows.
- Git Repository: A Git repository is a virtual storage of your project. It allows you to save versions of your code, which you can access when needed.

Architecture

DBMS CLOUD REPO package provides four feature areas:

- Repository Initialization with Generic Cloud Code Repository Handle
 - Initialize a GitHub Code Repository
 - Initialize an AWS CodeCommit Code Repository
 - Initialize an Azure Repos Code Repository
- Repository Management Operations
 - Create a repository
 - Update a repository
 - List repositories
 - Delete a repository
- Repository File Management Operations
 - Upload a file to Code Repository from Oracle Database.
 - Download a file from Code Repository to Oracle Database.
 - Delete files from Code Repository.
 - List files from Code Repository.
- SQL Install Operations



- Export Database object metadata DDL to repository.
- Install SQL statements from a file in the Code Repository in Oracle Database.
- Install SQL statements from a buffer.

DBMS_CLOUD_REPO Data Structures

The DBMS_CLOUD_REPO package defines record types and a generic JSON object type repo.

REPO JSON Object

A DBMS_CLOUD_REPO REPO is an opaque JSON object to represent a Cloud Code Repository of a specific cloud provider. A REPO object can be passed to different DBMS_CLOUD_REPO APIs. This opaque object ensures that DBMS_CLOUD_REPO procedures and functions are multicloud compatible; you do not have to change any code when you migrate from one Cloud Code Repository provider to another Cloud Code Repository.

DBMS CLOUD REPO Subprogram Groups

The DBMS_CLOUD_REPO package subprograms can be grouped into four categories: Initialization Operations, Repository Management Operations, File Operations, and SQL Install Operations.

DBMS_CLOUD_REPO Initialization Operations

Lists the subprograms for initialization operations within the DBMS CLOUD REPO package.

Subprogram	Description
INIT_AWS_REPO Function	This function initializes an AWS repository handle and returns an opaque type.
INIT_AZURE_REPO Function	This function initializes an Azure repository handle and returns an opaque type.
INIT_GITHUB_REPO Function	This function initializes a GitHub repository handle and returns an opaque type.
INIT_REPO Function	This function initializes a Cloud Code Repository handle and returns an opaque JSON object.

DBMS_CLOUD_REPO Repository Management Operations

Shows the subprograms for repository management operations within the <code>DBMS_CLOUD_REPO</code> package.

Subprogram	Description
CREATE_REPOSITORY Procedure	This procedure creates a Cloud Code Repository identified by the repo handle argument.
DELETE_REPOSITORY Procedure	This procedure deletes the Cloud Code Repository identified by the repo handle argument.
LIST_REPOSITORIES Function	This function lists all the Cloud Code Repositories identified by the repo handle argument.
UPDATE_REPOSITORY Procedure	This procedure updates a Cloud Code repository identified by the repo handle argument. The procedure supports updating the name, description, or private visibility status, as supported by the Cloud Code repository.



DBMS_CLOUD_REPO Repository Branch Management Operations

Lists the subprograms for repository branch management operations within the ${\tt DBMS_CLOUD_REPO}$ package.

Subprogram	Description
CREATE_BRANCH Procedure	This procedure creates a branch in a Cloud Code Repository identified by the repohandle argument.
DELETE_BRANCH Procedure	This procedure deletes a branch in a Cloud Code Repository identified by the repohandle argument.
LIST_BRANCHES Function	This function lists all the Cloud Code Repository branches identified by the repohandle argument.
LIST_COMMITS Function	This function lists all the commits in a Cloud Code Repository branch identified by the repo handle argument.
MERGE_BRANCH Procedure	This procedure merges a Cloud Code Repository branch into another specified branch in a Cloud Code Repository identified by the repo handle argument.

DBMS_CLOUD_REPO File Operations

Lists the subprograms for file operations within the $\tt DBMS_CLOUD_REPO$ package.

Subprogram	Description
DELETE_FILE Procedure	This procedure deletes a file from the Cloud Code repository identified by the repohandle argument.
GET_FILE Procedure and Function	The function downloads the contents of a file from the Cloud Code repository. The procedure allows you to download the contents of a file from the Cloud Code repository and save the file in a directory.
LIST_FILES Function	This function downloads a file from Cloud Code repository. Optionally, file content can be accessed from either a specific branch, tag or commit name. By default, the file is accessed from the default repository branch.
PUT_FILE Procedure	This procedure uploads a file to the Cloud Code repository identified by the repohandle argument. The procedure is overloaded to support either uploading a file from a directory object or uploading the contents from a CLOB to the repository file.

DBMS_CLOUD_REPO SQL Install Operations

Lists the subprograms for SQL install operations within the DBMS CLOUD REPO package.

Subprogram	Description
EXPORT_OBJECT Procedure	This procedure uploads the DDL metadata of a database object to the Cloud Code repository identified by the repo handle argument.
EXPORT_SCHEMA Procedure	This procedure exports metadata of all objects in a schema to a Cloud Code Repository branch identified by the repo handle argument.
INSTALL_FILE Procedure	This procedure installs SQL statements from a file in the Cloud Code repository identified by the repo handle argument.
INSTALL_SQL Procedure	This procedure installs SQL statements from a buffer given as input.



Summary of DBMS_CLOUD_REPO Subprograms

This section covers the DBMS CLOUD REPO subprograms provided with Oracle Database.

The DBMS CLOUD REPO package is made up of the following:

- DBMS_CLOUD_REPO Initialization Operations
- DBMS_CLOUD_REPO Repository Management Operations
- DBMS_CLOUD_REPO File Operations
- DBMS_CLOUD_REPO SQL Install Operations

CREATE_BRANCH Procedure

This procedure creates a branch in the Cloud Code Repository identified by the repo handle argument.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle.
	This parameter is mandatory and supported for all cloud providers.
branch_name	Specifies the repository branch name.
	This parameter is mandatory and supported for all cloud providers.
parent_branch_name	Creates the new branch using the head commit of the specified parent branch.
	This parameter is supported for all cloud providers.
	If you do not supply a parent_branch_name value, the parent_branch_name is set to main.
parent commit id	Creates the new branch using the specified repository commit.
_ _	This parameter is supported for all cloud providers.
	If you do not supply a parent_commit_id value, the parent_commit_id is set to a NULL value.



To create a branch in a Cloud Code repository, you must specify the parent branch or the parent commit id.

Usage Note

To run the DBMS_CLOUD_REPO.CREATE_BRANCH procedure, you must be logged in as the ADMIN user or have EXECUTE privilege on DBMS CLOUD REPO.

CREATE_REPOSITORY Procedure

This procedure creates a Cloud Code Repository identified by the repo handle argument.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle. This parameter is supported for all cloud providers.
description	A short text description for the repository. This parameter is supported for GITHUB and AWS cloud provider.
private	Repository is private and only accessible with valid credentials This parameter is only supported for the GITHUB cloud provider.



DELETE_BRANCH Procedure

This procedure deletes a branch in the Cloud Code repository identified by the repo handle argument.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle. This parameter is mandatory and supported for all cloud providers.
branch_name	Delete branch from a specific repository. This parameter is mandatory and supported for all cloud providers.

Example

Usage Note

To run the <code>DBMS_CLOUD_REPO.DELETE_BRANCH</code> procedure, you must be logged in as the ADMIN user or have <code>EXECUTE</code> privilege on <code>DBMS CLOUD REPO.</code>

DELETE_FILE Procedure

This procedure deletes a file from the Cloud Code repository identified by the repo handle argument.



Parameter	Description
repo	Specifies the repository handle.
file_path	File path to delete file in the repository.
branch_name	Delete file from a specific branch.
commit_details	Commit Details as a JSON document
	<pre>{"message": "Commit message", "author": {"name": "Committing user name", "email": "Email of committing user" } }</pre>

Example

DELETE_REPOSITORY Procedure

This procedure deletes the Cloud Code Repository identified by the repo handle argument.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle.

```
BEGIN
   DBMS_CLOUD_REPO.DELETE_REPOSITORY(
        repo => l_repo
   );
END;
/
```



EXPORT_OBJECT Procedure

This procedure uploads the DDL metadata of a database object to the Cloud Code repository identified by the repo handle argument. This procedure is an easy way to upload the metadata definition of a database object in single step.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle.
file_path	File path to upload object metadata in the repository.
object_type	Object type supported by DBMS_METADATA.
object_name	Name of the database object to retrieve metadata.
object_schema	Owning schema of the database object.
branch_name	Put file to a specific branch.
commit_details	<pre>Commit Details as a JSON document:{"message": "Commit message", "author": {"name": "Committing user name", "email": "Email of committing user" } }</pre>
append	Append metadata DDL to existing file.

Usage Note

For customized control on the object DDL, you can use <code>DBMS_METADATA.GET_DDL</code> along with <code>DBMS_CLOUD_REPO.PUT_FILE</code>. In order to get metadata definition of the object, the current user must be privileged to retrieve the object metadata. See <code>DBMS_METADATA</code> for the security requirements of the package.



```
END;
```

EXPORT_SCHEMA Procedure

This procedure exports metadata of all objects in a schema to the Cloud Code Repository branch identified by the repo handle argument.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle.
	This parameter is mandatory and supported for all cloud providers.
file_path	Specifies the name of the schema file to upload to the repo.
	This parameter is mandatory and supported for all cloud providers.
schema_name	Specifies the name of the schema for which a DDL script is to be uploaded to the Cloud Code Repository branch.
	This parameter is mandatory and supported for all cloud providers.
filter_list	Specifies the CLOB of the JSON array that defines the filter conditions to include or exclude the objects whose metadata needs to be exported.
	This parameter is supported for all cloud providers.
	JSON parameters for filter_list are:
	 match_type: Specifies the type of filter to be applied to the object types or object names.
	Valid match_type values are:
	<pre>- in/not_in</pre>
	<pre>- like/not_like</pre>
	<pre>- equal/not_equal</pre>
	 type: Specifies the type of object by which to filter.
	 name: Specifies the name of the object by which to filter.
branch_name	Specifies the repository branch name.
	This parameter is supported for all cloud providers.
	If you do not supply a branch_name value, the branch_name is set to the default repository branch.



Parameter	Description
commit_details	Commit Details as a JSON document
	<pre>{"message": "Commit message", "author": {"name": "Committing user name", "email": "Email of committing user" } } This parameter is supported for all cloud providers.</pre>
	If you do not supply a <code>commit_details</code> value, the <code>commit_details</code> is set to the default commit message that includes the information about the current database session user and database name performing the commit.

```
BEGIN
  DBMS_CLOUD_REPO.EXPORT_SCHEMA(
   repo
            => 1 repo,
    schema name => 'USER1',
    file path => 'myschema ddl.sql'
    filter_list =>
       to clob('[
             { "match_type":"equal",
                 "type":"table"
             { "match type": "not equal",
                "type":"view"
             },
             { "match_type":"in",
                 "type":"table",
                 "name": " ''EMPLOYEE_SALARY'',''EMPLOYEE_ADDRESS'' "
             { "match_type":"equal",
                 "type": "sequence",
                 "name": "EMPLOYEE RECORD SEQ"
             },
             { "match_type":"like",
                 "type": "table",
                 "name": "%OFFICE%"
             }
       ] '
    );
  );
END;
```

Usage Note

To run the DBMS_CLOUD_REPO.EXPORT_SCHEMA procedure, you must be logged in as the ADMIN user or have EXECUTE privilege on DBMS CLOUD REPO.

GET_FILE Procedure and Function

The function downloads the contents of a file from the Cloud Code repository. The procedure allows you to download the contents of a file from the Cloud Code repository and save the file in a directory.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle.
file_path	File path in the repository.
directory_name	Directory object name to save the file contents.
target_file_name	Target file name to save contents in directory.
branch_name	Get file from a specific branch.
tag_name	Get file from a specific Tag.
commit_name	Get file from a specific commit.



INIT_AWS_REPO Function

This function initializes an AWS repository handle and returns an opaque type.

Syntax

Parameters

Parameter	Description
credential_name	Credential object specifying AWS CodeCommit accesskey/secretkey.
repo_name	Specifies the repository name.
region	Specifies the AWS region for the CodeCommit repository.

Example

INIT_AZURE_REPO Function

This function initializes an Azure repository handle and returns an opaque type. This function is only supported for Azure cloud provider.

Syntax

Parameters

Parameter	Description
credential_name	Credential object specifying Azure, with a Username and Personal Access Token (PAT).



Parameter	Description
repo_name	Specifies the repository name.
organization	Specifies the Azure DevOps Organization.
project	Azure Team Project name.

INIT_GITHUB_REPO Function

This function initializes a GitHub repository handle and returns an opaque type.

Syntax

```
FUNCTION DBMS_CLOUD_REPO.INIT_GITHUB_REPO(
          credential_name IN VARCHAR2 DEFAULT NULL,
          repo_name IN VARCHAR2,
          owner IN VARCHAR2)
RETURN repo;
```

Parameters

Parameter	Description
credential_name	Credential object specifying GitHub.
	User Email and Personal Access Token (PAT).
repo_name	Specifies the repository name.
owner	Specifies the repository owner.



INIT_REPO Function

This function initializes a Cloud Code Repository handle and returns an opaque JSON object. This function is a generic interface to accept a JSON document, and avoids having to change code, you only need to change a JSON document, when moving a code repository from one Cloud Code repository to another Cloud Code repository.

Syntax

```
FUNCTION DBMS_CLOUD_REPO.INIT_REPO(
          params IN CLOB)
RETURN CLOB;
```

Parameters

JSON Parameter	Description
provider	Cloud code repository provider from the following:
	<pre>DBMS_CLOUD_REPO.GITHUB_REPO ('GITHUB')</pre>
	DBMS_CLOUD_REPO.AWS_REPO ('AWS')
	<pre>DBMS_CLOUD_REPO.AZURE_REPO ('AZURE')</pre>
repo_name	Specifies the repository name. DBMS_CLOUD_REPO.PARAM_REPO_NAME
owner	GitHub Repository Owner. DBMS_CLOUD_REPO.PARAM_OWNER This parameter is only applicable for GitHub cloud provider.
region	AWS Repository Region DBMS_CLOUD_REPO_PARAM_REGION This parameter is only applicable for AWS cloud provider.
organization	Azure Organization DBMS_CLOUD_REPO_PARAM_ORGANIZATION This parameter is only applicable for Azure cloud provider.
project	Azure Team Project DBMS_CLOUD_REPO_PARAM_PROJECT This parameter is only applicable for Azure cloud provider

Example

INSTALL_FILE Procedure

This procedure installs SQL statements from a file in the Cloud Code repository identified by the repo handle argument.

```
PROCEDURE DBMS_CLOUD_REPO.INSTALL_FILE(
repo IN CLOB,
```

```
file_path IN VARCHAR2,
branch_name IN VARCHAR2 DEFAULT NULL,
tag_name IN VARCHAR2 DEFAULT NULL,
commit_name IN VARCHAR2 DEFAULT NULL,
stop_on_error IN BOOLEAN DEFAULT TRUE
);
```

Parameter	Description
repo	Specifies the repository handle.
file_path	File path in the repository.
branch_name	Branch to install file from a specific branch.
tag_name	Tag to install file from a specific Tag.
commit_name	Commit ID to install file from a specific commit.
stop_on_error	Stop executing the SQL statements on first error.

Usage Notes

- You can install SQL statements containing nested SQL from a Cloud Code repository file using the following:
 - e: includes a SQL file with a relative path to the ROOT of the repository.
 - @@: includes a SQL file with a path relative to the current file.
- The scripts are intended as schema install scripts and not as generic SQL scripts:
 - Scripts cannot contain SQL*Plus client specific commands.
 - Scripts cannot contain bind variables or parameterized scripts.
 - SQL statements must be terminated with a slash on a new line (/).
 - Scripts can contain DDL, DML PLSQL statements, but direct SELECT statements are not supported. Using SELECT within a PL/SQL block is supported.

Any SQL statement that can be run using EXECUTE IMMEDIATE will work if it does not contain bind variables or defines.

Example

INSTALL_SQL Procedure

This procedure installs SQL statements from a buffer given as input.

Syntax

Parameters

Parameter	Descriptions
content	Is the CLOB containing the SQL statements to run.
stop_on_error	Stop executing the SQL statements on first error.

Usage Notes

- The scripts are intended as schema install scripts and not as generic SQL scripts:
 - Scripts cannot contain SQL*Plus client specific commands.
 - Scripts cannot contain bind variables or parameterized scripts.
 - SQL statements must be terminated with a slash on a new line (/).
 - Scripts can contain DDL, DML PLSQL statements, but direct SELECT statements are not supported. Using SELECT within a PL/SQL block is supported.

Any SQL statement that can be run using EXECUTE IMMEDIATE will work if it does not contain bind variables or defines.

Example

```
BEGIN
   DBMS_CLOUD_REPO.INSTALL_SQL(
      content => 'create table t1 (x varchar2(30))' || CHR(10) || '/',
      stop_on_error => FALSE
   );
END;
//
```

LIST_BRANCHES Function

This function lists branches in the Cloud Code Repository branch identified by the repo handle argument.



Parameter	Description
repo	Specifies the repository handle. This parameter is mandatory and supported for all cloud providers.

Example

```
SELECT * FROM DBMS_CLOUD_REPO.LIST_BRANCHES (repo => l_repo);
```

Usage Notes

- This is a pipelined table function with return type as list branch ret tab.
- DBMS_CLOUD_REPO.LIST_BRANCHES returns the column: name, which indicates the name of the Cloud Code Repository branch.

LIST_COMMITS Function

This function lists commits in the Cloud Code Repository branch identified by the repo handle argument.

Syntax

```
FUNCTION DBMS_CLOUD_REPO.LIST_COMMITS(
repo IN CLOB,
branch_name IN VARCHAR2 DEFAULT NULL,
file_path IN VARCHAR2 DEFAULT NULL,
commit_id IN VARCHAR2 DEFAULT NULL
) RETURN list commit ret tab PIPELINED PARALLEL ENABLE;
```

Parameters

Parameter	Description
repo	Specifies the repository handle. This parameter is mandatory and supported for all cloud providers.
branch_name	List commits from a specific branch. This parameter is supported for all cloud providers.
	If you do not supply a branch_name value, the branch_name is set to main.
file_path	List files under the specified subfolder path in the repository. This parameter is only supported for Git and Azure cloud providers.
	If you do not supply a file_path value, the file_path is set to a NULL value.
commit_id	List files starting from the specified sha/id This parameter is supported for all cloud providers.
	If you do not supply a commit_id value, the commit_id is set to a NULL value.



```
SELECT name FROM DBMS_CLOUD_REPO.LIST_COMMITS(repo => l_repo);
```

Example

Usage Notes

- This is a pipelined table function with a return type as list commit ret tab.
- DBMS CLOUD REPO.LIST COMMITS returns the column: commit id.

LIST_FILES Function

This function downloads a file from Cloud Code repository. Optionally, file content can be accessed from either a specific branch, tag or commit name. By default, the file is accessed from the default repository branch. The results include the file names and additional metadata about the files.

Syntax

```
FUNCTION DBMS_CLOUD_REPO.LIST_FILES(
repo IN CLOB,
path IN VARCHAR2 DEFAULT NULL,
branch_name IN VARCHAR2 DEFAULT NULL,
tag_name IN VARCHAR2 DEFAULT NULL,
commit_id IN VARCHAR2 DEFAULT NULL
) RETURN list file ret tab PIPELINED PARALLEL ENABLE;
```

Parameters

Parameter	Description
repo	Specifies the repository handle.
path	List files under the specified subfolder path in the repository.
branch_name	List files from a specific branch.
tag_name	List files from a specific Tag.
commit_name	List files from a specific commit.

Usage Notes

- This is a pipelined table function with return type as list_file_ret_tab.
- DBMS_CLOUD_REPO.LIST_FILES returns the columns: id, name, url, and bytes.



```
SELECT name FROM DBMS_CLOUD_REPO.LIST_FILES(repo => 1_repo);

NAME
----test3.sql
```

LIST_REPOSITORIES Function

This function lists all Cloud Code Repositories identified by the repo handle argument. If the repo handle has a repository name specified, the function does not restrict the listing to the specified repository name; it lists all repositories accessible to the user.

Syntax

Parameters

Parameter	Description
repo	Specifies the repository handle. This parameter is supported by all cloud providers.

Usage Notes

- This is a pipelined table function with return type as list reported tab.
- DBMS_CLOUD_REPO.LIST_REPOSITORIES returns the columns: id, name, owner, description, private, url, bytes, created, and last_modified.

Example

MERGE_BRANCH Procedure

This procedure merges a repository branch into another specified branch in the Cloud Code Repository identified by the repo handle argument. The MERGE_BRANCH procedure is currently not supported in Azure.

```
PROCEDURE DBMS_CLOUD_REPO.MERGE_BRANCH (
repo IN CLOB,
```



Parameter	Description
repo	Specifies the repository handle.
	This parameter is mandatory and supported for GITHUB and AWS cloud providers.
branch_name	Specifies the Git branch name to merge.
	This parameter is mandatory and supported for all cloud providers.
target branch name	Specifies the target branch name to merge into.
	This parameter is mandatory and supported for all cloud providers.
commit_details	Commit Details as a JSON document
	<pre>{"message": "Commit message", "author": {"name": "Committing user name", "email": "Email of committing user" } }</pre>
	If you do not supply a commit_details value, the commit_details is set to the default commit message that includes the information about current database session user and database name performing the commit.

Example

Usage Note

To run the DBMS_CLOUD_REPO.MERGE_BRANCH procedure, you must be logged in as the ADMIN user or have EXECUTE privilege on DBMS CLOUD REPO.

PUT_FILE Procedure

This procedure uploads a file to the Cloud Code repository identified by the repo handle argument. The procedure is overloaded to support either uploading a file from a directory object or uploading the contents from a BLOB to the repository file.

```
PROCEDURE DBMS_CLOUD_REPO.PUT_FILE(
repo IN CLOB,
file_path IN VARCHAR2,
contents IN BLOB,
```



```
branch_name IN VARCHAR2 DEFAULT NULL,
commit_details IN CLOB DEFAULT NULL
);

PROCEDURE DBMS_CLOUD_REPO.PUT_FILE(
   repo IN CLOB,
   file_path IN VARCHAR2,
   directory_name IN VARCHAR2,
   source_file_name IN VARCHAR2 DEFAULT NULL,
   branch_name IN VARCHAR2 DEFAULT NULL,
   commit_details IN CLOB DEFAULT NULL
);
```

Parameter	Description
repo	Specifies the repository handle.
file_path	File path to upload file in the repository.
contents	BLOB containing the file contents.
directory_name	Directory object name containing the file name.
source_file_name	Source file name to upload to repository.
branch_name	Put file to a specific branch.
commit_details	Commit Details as a JSON document:
	<pre>{"message": "Commit message", "author": {"name": "Committing user name", "email": "Email of committing user" } }</pre>

Example

```
BEGIN
   DBMS_CLOUD_REPO.PUT_FILE(
        repo => l_repo,
  );
END;
/
```

UPDATE_REPOSITORY Procedure

This procedure updates a Cloud Code repository identified by the repo handle argument. UPDATE_REPOSITORY supports updating the name, description, or private visibility status, as supported by the Cloud Code repository.

```
PROCEDURE DBMS_CLOUD_REPO.UPDATE_REPOSITORY(
repo IN OUT CLOB,
new_name IN VARCHAR2 DEFAULT NULL,
description IN CLOB DEFAULT NULL,
private IN BOOLEAN DEFAULT NULL
);
```



Parameter	Description
repo	Specifies the repository handle. This parameter is supported for all cloud providers.
new_name	New name for repository. This parameter is supported for all cloud providers.
description	A short text description for the repository. This parameter is supported for GITHUB and AWS cloud providers.
private	Repository is private and only accessible with valid credentials. This parameter is supported for the GITHUB cloud provider.

```
BEGIN
  DBMS_CLOUD_REPO.UPDATE_REPOSITORY(
    repo => l_repo,
    new_name => 'repo2'
);
END;
/
```

