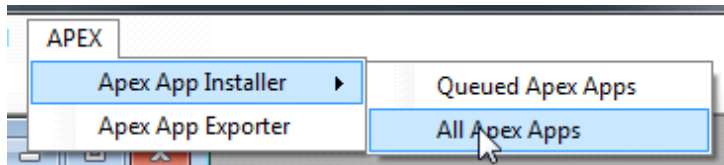


GitPatcher Tutorial 2

Tuesday, 2 April 2019 2:18 PM

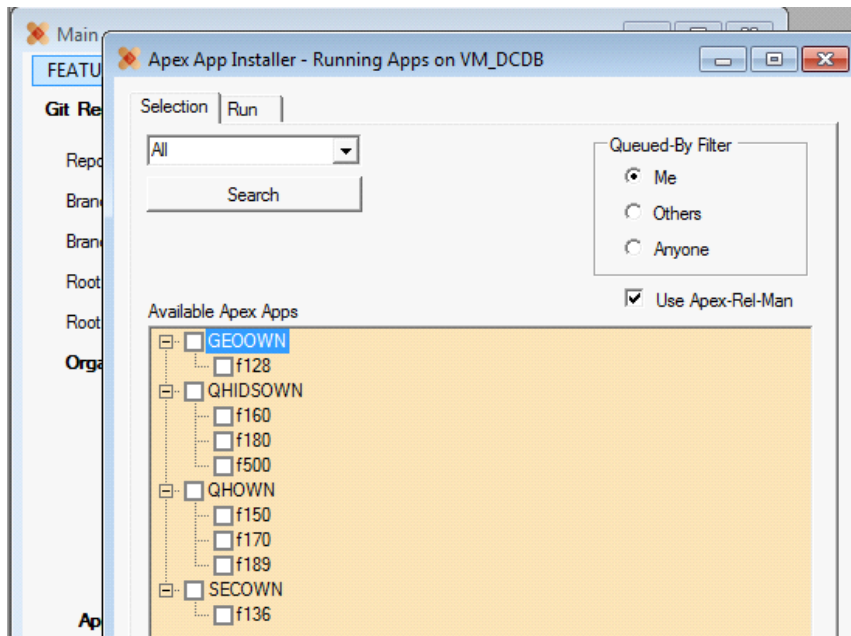
GitPatcher Apex App Installer

Apex App Installer can be launched from the menu, and is also included in workflows.



- Choose All or Queued Apex Apps to start the wizard.

Selection tab



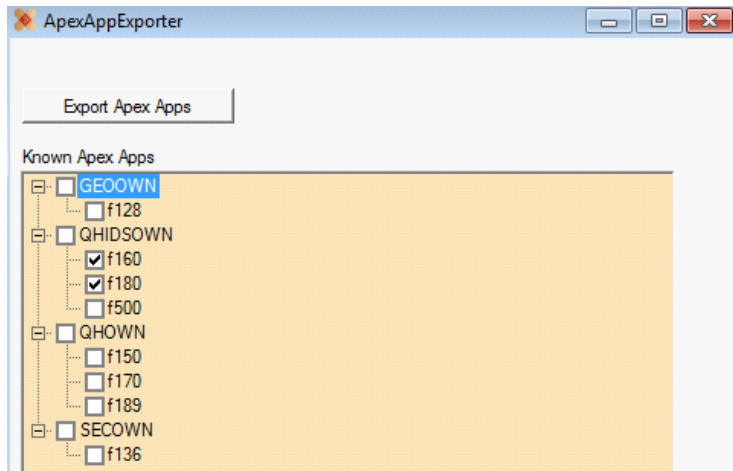
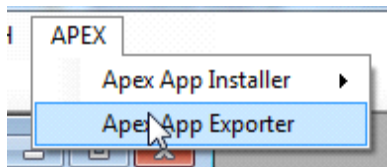
Lists the Apps available in the current repo.



- Choose the Apps to install

Run tab

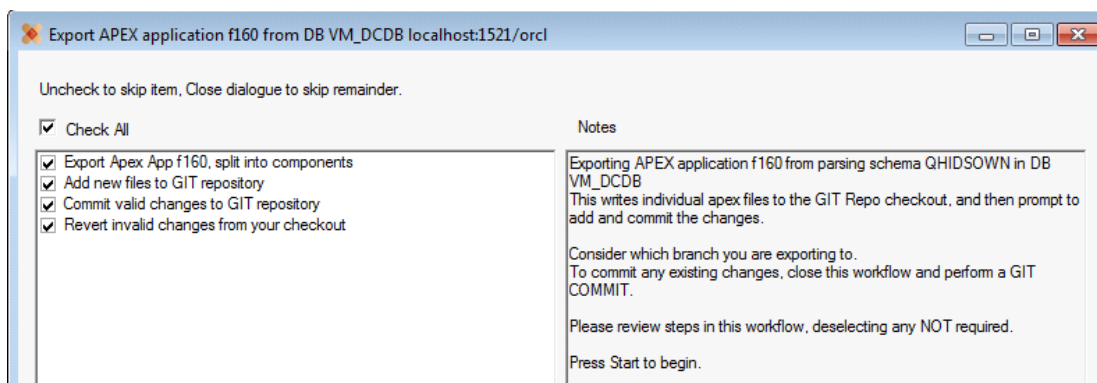
Displays the master file to run the Apex Apps.



Lists the Apps available in the current repo checkout.
Choose 1 or more apps to Export

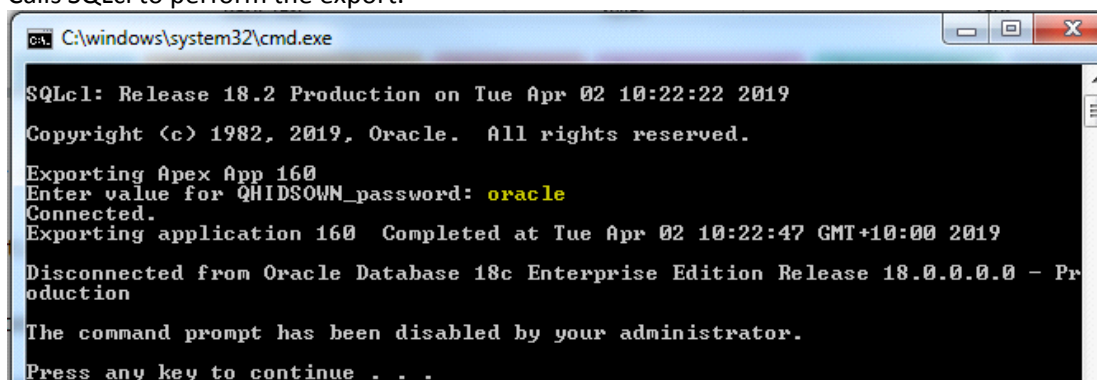
- Export Apex Apps

Calls the Export Apex App workflow, once for each selected App.



Export via SQLcl

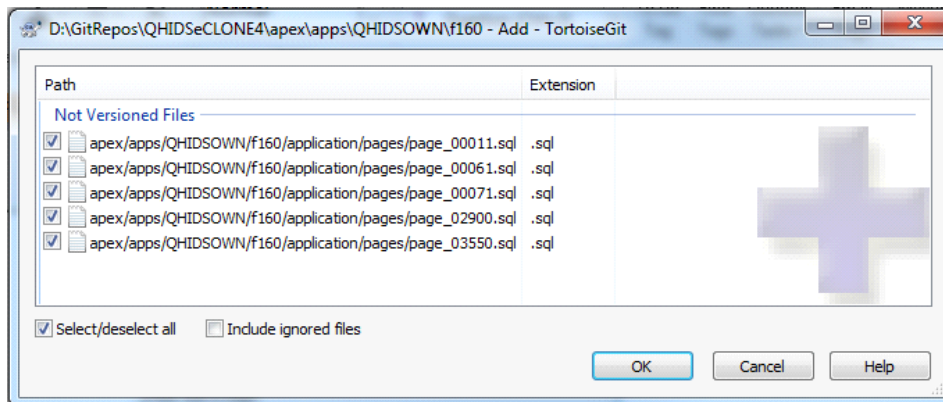
Calls SQLcl to perform the export.



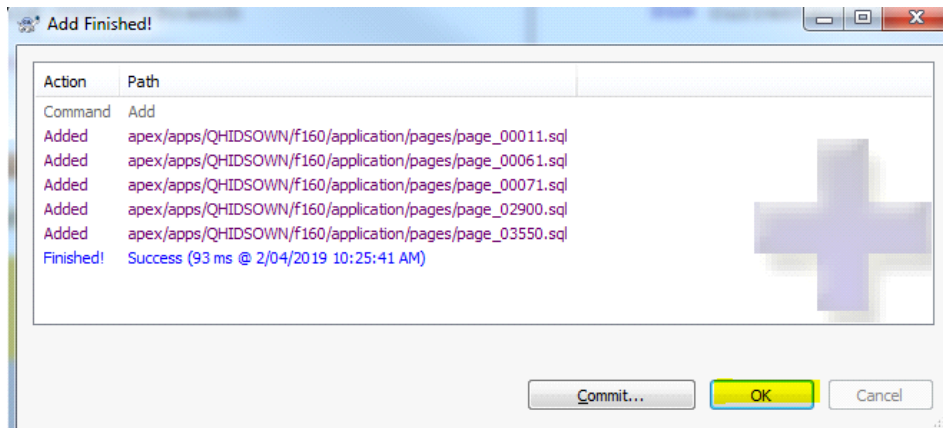
Enter the user password.

- After export - Close the window

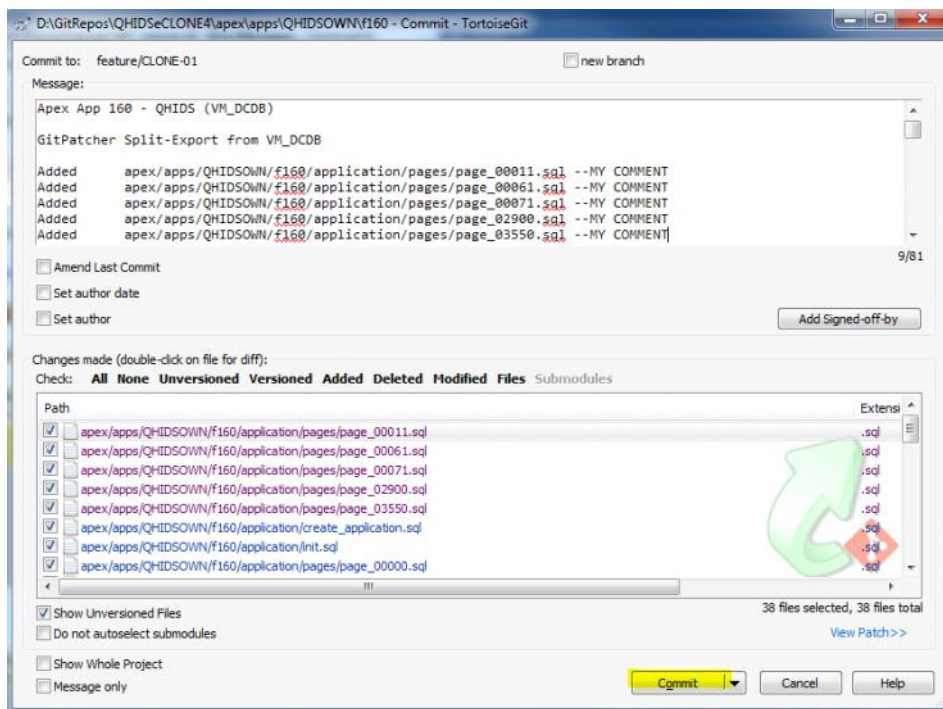
Add via TortoiseGit



- Add new files (Cancel if no new files)

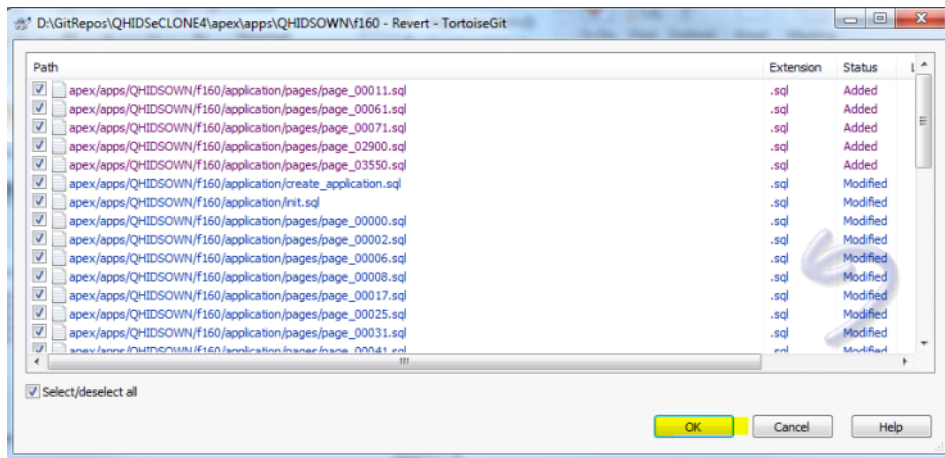


Commit via TortoiseGit

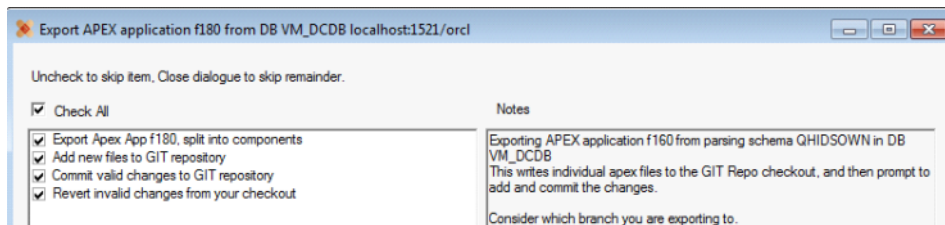


- Commit your changes with your comments. (Untick changes not to be committed)

Revert via TortoiseGit



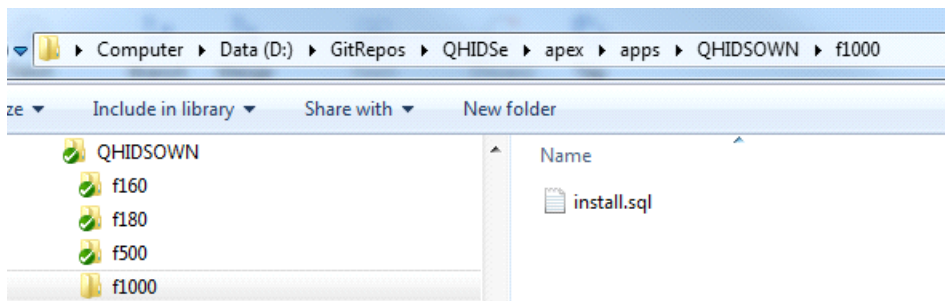
- Revert anything you did not Commit.



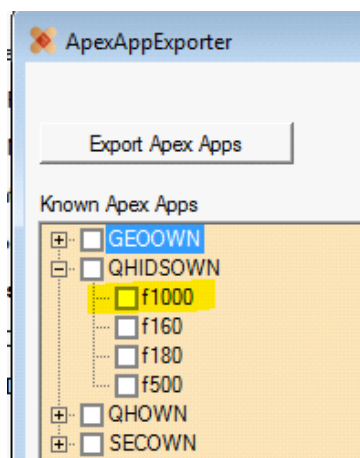
- Repeats for each selected App.

What if I have a brand new app?

- To export a new app (that you have just created) eg 1000
 - a. create an empty folder in the local checkout
 - b. Copy any install.sql file into the dir.
 - c. DO NOT COMMIT.



Apex App Exporter searches for install.sql files, to determine entries for the Known Apex Apps tree.



Close and reopen the wizard to get the new app in the list.

- Export the app - to replace the dummy dir with the real export.

SmartGen app

Getting Started

Configure db-spooler

Set username and passwords in the file

D:\GitRepos\QHIDSe\tools\db-spooler\env.json

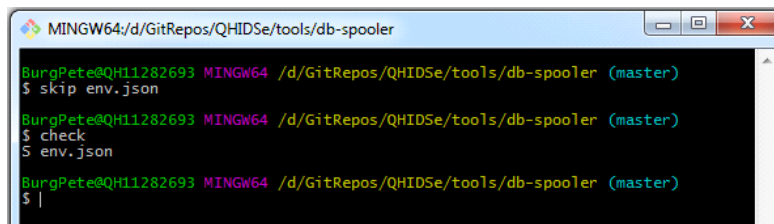
```
{  "debugging" : ""
, "sqlcl_path" : "C:/oracle/sqlcl/bin/sql.exe"
, "queued_by" : "BURGPETE"
, "default_promo" : 0
, "promos" : [
  {
```

You can also set passwords in this file.

```
, "envs_vm" : [ {
  "env_name"      : "QHIDSOWN"
, "choice_label"  : "&1 QHIDSOWN"
, "choice_help"   : "VM QHIDSOWN"
, "connection"    : "localhost:1521/orcl"
, "sid"           : "ORCL"
, "dbname"        : "ORCL"
, "user"          : "QHIDSOWN"
, "pwd"           : "oracle"
, "db_dir"        : ""
, "db_dir_rel"    : "../database"
, "owner_dir"     : "QHIDSOWN"
, "apps_dir"      : ""
, "apps_dir_rel"  : "../apex/apps"
, "workspace"     : "QHIDS"
}
```

Also use GitBash and the skip command alias to set skipworktree on the env.json

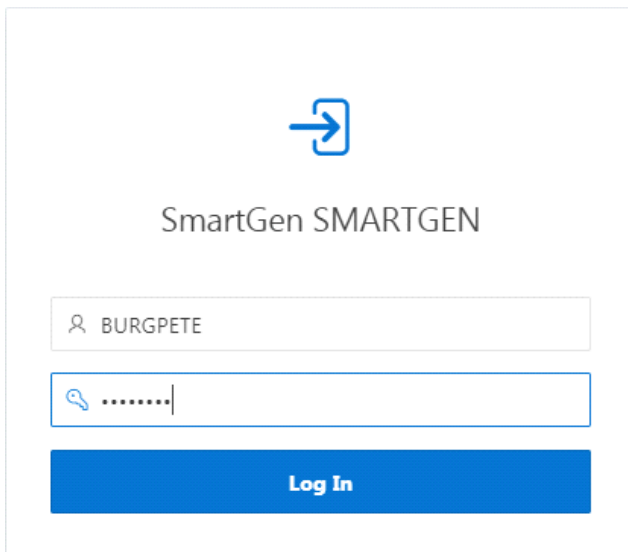
This depends on the creation of .bashrc that you did in the initial setup for the QHIDSe git repo.




```
MINGW64/d:/GitRepos/QHIDSe/tools/db-spooler
BurgPete@QH11282693 MINGW64 /d:/GitRepos/QHIDSe/tools/db-spooler (master)
$ skip env.json
BurgPete@QH11282693 MINGW64 /d:/GitRepos/QHIDSe/tools/db-spooler (master)
$ check
$ env.json
BurgPete@QH11282693 MINGW64 /d:/GitRepos/QHIDSe/tools/db-spooler (master)
$ |
```

Logon to SmartGen

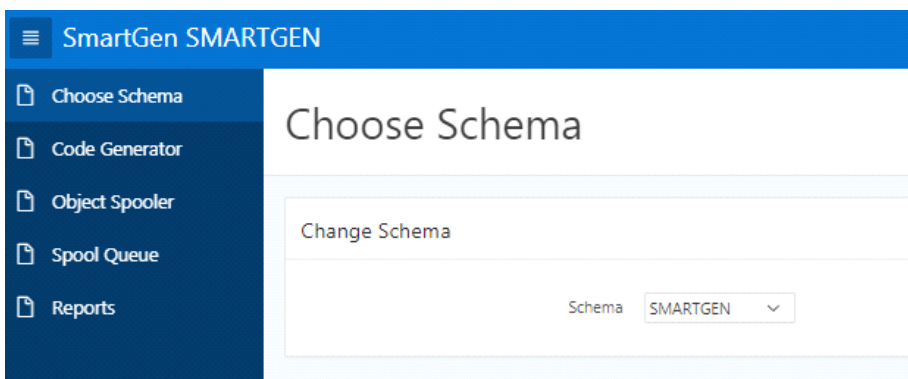
SmartGen is apex app 146 - in the QHIDS workspace.




 SmartGen SMARTGEN

Log In

Use your QHIDS developer logon



SmartGen SMARTGEN

- Choose Schema
- Code Generator
- Object Spooler
- Spool Queue
- Reports

Choose Schema

Change Schema

Schema SMARTGEN

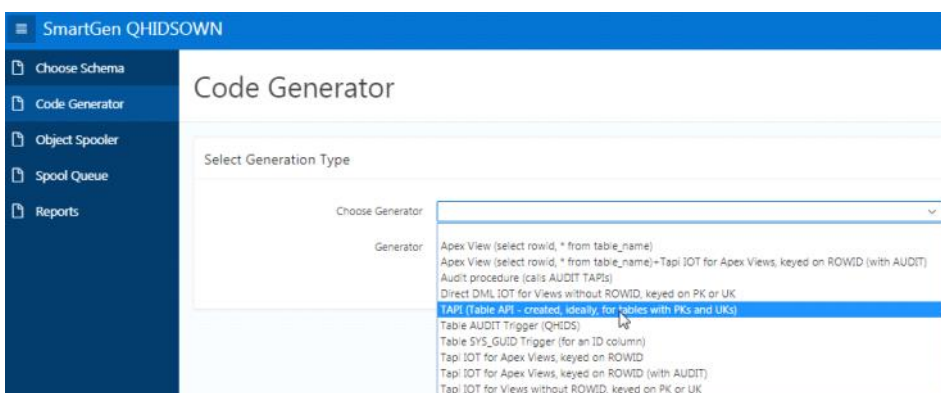
Change Schema

Schema SMARTGEN

- SMARTGEN
- APEXRM
- COLLECTOWN
- GEOOWN
- LOGGEROWN
- QHIDSOWN
- QHOWL
- SECOWN
- SMARTGEN

- Choose a Schema
- Changes the parsing schema of the app.

Code Generation from Templates



SmartGen QHIDSOWN

- Choose Schema
- Code Generator
- Object Spooler
- Spool Queue
- Reports

Code Generator

Select Generation Type

Choose Generator [Dropdown]

Generator

- Apex View (select rowid, * from table_name)
- Apex View (select rowid, * from table_name)-Tapi JOT for Apex Views, keyed on ROWID (with AUDIT)
- Audit procedure (calls AUDIT TAPs)
- Direct DML, JOT for Views without ROWID, keyed on PK or UK
- TAPI (Table API - created, ideally, for tables with PKs and UKs)
- Table AUDIT Trigger (QHIDS)
- Table SYS_GUID Trigger (for an ID column)
- Tapi JOT for Apex Views, keyed on ROWID
- Tapi JOT for Apex Views, keyed on ROWID (with AUDIT)
- Tapi JOT for Views without ROWID, keyed on PK or UK

Select the generator type - eg Tapi

Select Generation Type

Choose Generator TAPI (Table API - created, ideally, for tables with PKs and UKs)

Generator **TAPI (Table API - created, ideally, for tables with PKs and UKs)** Based on Object Type **TABLE**

Generates a TAPI (Spec and Body) for the selected table.

Intended for use with any table.
Takes advantage of tables with PKs and UKs, if they exist.
DML operations are keyed by ROWID. If not supplied, ROWID is determined from PK or UK.

Select Objects Generation List 0 Gen Sets 1

Select Objects Add Selected

Q Go Actions

<input checked="" type="checkbox"/>	Object Name not like '%\$%'	X
<input checked="" type="checkbox"/>	Object Name not like 'EBA%'	X
<input checked="" type="checkbox"/>	Object Name not like 'EXT%'	X
<input checked="" type="checkbox"/>	Object Name not like 'SYS%'	X

Object Name	Object Type	Status	Preview	Download
FILEWATCHER_FILES	TABLE	VALID	Q	Download
FILEWATCHER_FILE_EVENTS	TABLE	VALID	Q	Download
QHIDS_APEX_CONTENT	TABLE	VALID	Q	Download
<input checked="" type="checkbox"/> QHIDS_APEX_MENU	TABLE	VALID	Q	Download

- Choose base objects - in this case tapis are based on tables.
- Add Selected - to add to generation list.

Added 1 Objects to generation list. Reset Generate

Code Generator

Select Generation Type

Choose Generator TAPI (Table API - created, ideally, for tables with PKs and UKs)

Generator **TAPI (Table API - created, ideally, for tables with PKs and UKs)** Based on Object Type **TABLE**

Generates a TAPI (Spec and Body) for the selected table.

Intended for use with any table.
Takes advantage of tables with PKs and UKs, if they exist.
DML operations are keyed by ROWID. If not supplied, ROWID is determined from PK or UK.

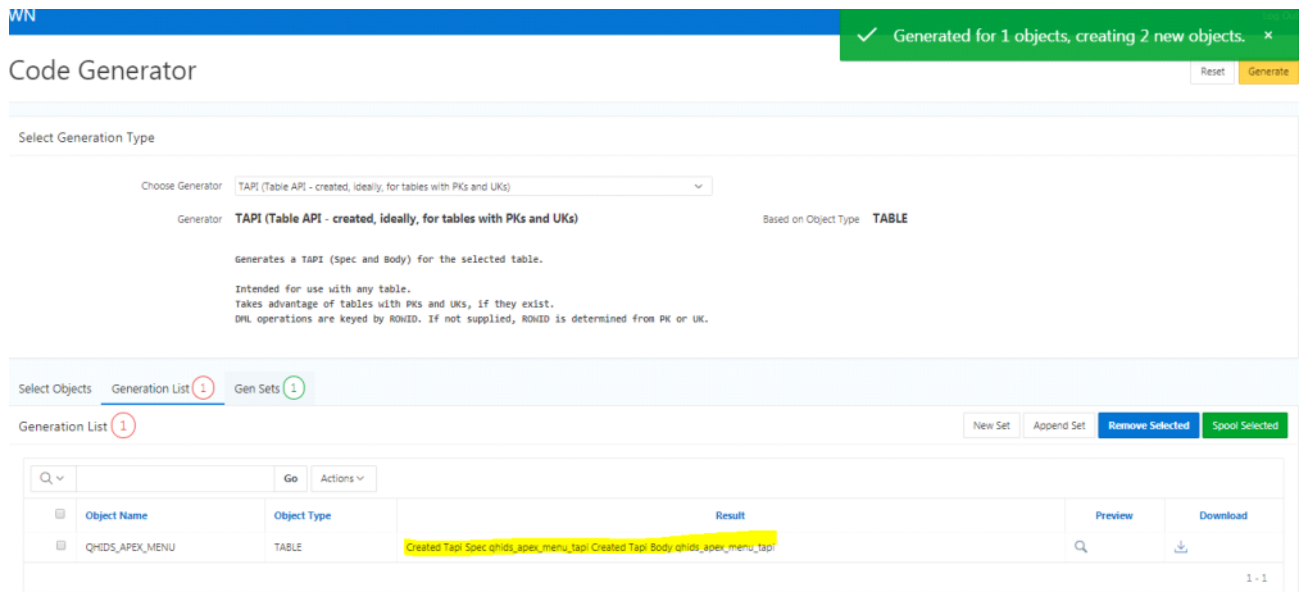
Select Objects Generation List 1 Gen Sets 1

Generation List 1 New Set Append Set Remove Selected Spool Selected

Q Go Actions

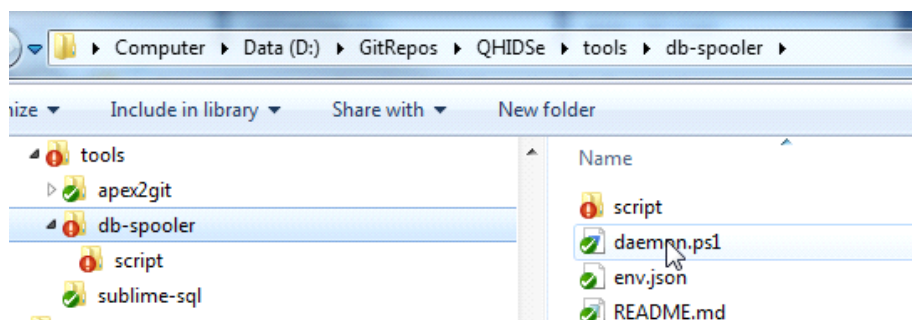
Object Name	Object Type	Result	Preview	Download
<input checked="" type="checkbox"/> QHIDS_APEX_MENU	TABLE	-	Q	Download

- Generate
- wait for code to generate... time depends on the complexity of the template and number of objects selected.



The valid objects are queued for spooling.

Start the spooler daemon

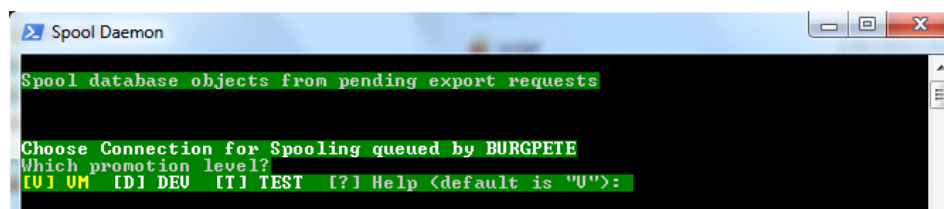


Right-click on

D:\GitRepos\QHIDSe\tools\db-spooler\daemon.ps1

Open with Powershell.

Or Associate ps1 with powershell and then just double-click.



- Choose V to spool from VM



- Choose 1 for spool from QHIDSOWN

There is a collection of sql and javascript files used to spool the output the filesystem.

```

Now using the UM QHIDSOWN connection.

SQLcl: Release 18.2 Production on Wed Apr 03 15:03:38 2019

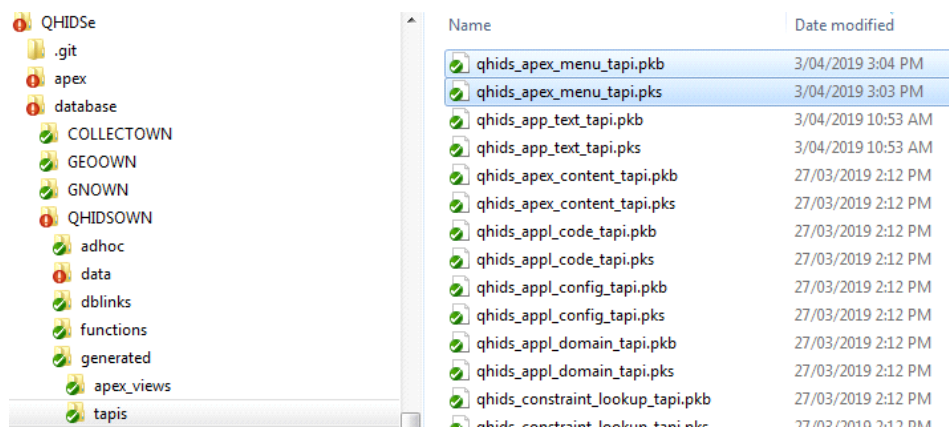
Copyright (c) 1982, 2019, Oracle. All rights reserved.

Connected to:
Oracle Database 18c Enterprise Edition Release 18.0.0.0 - Production
Spool From Queue

0:spool_from_queue.js
1:D:\GitRepos\QHIDSe\tools\db-spooler\...\database
2:BURGPETE
3:QHIDSOWN
Schema: QHIDSOWN

*****
** Matching Objects of Owner QHIDSOWN requestor BURGPETE
*****
PACKAGE QHIDS_APEX_MENU_TAPI
PACKAGE_BODY QHIDS_APEX_MENU_TAPI
*****

```



Name	Date modified
qhids_apex_menu_tapi.pkb	3/04/2019 3:04 PM
qhids_apex_menu_tapi.pks	3/04/2019 3:03 PM
qhids_app_text_tapi.pkb	3/04/2019 10:53 AM
qhids_app_text_tapi.pks	3/04/2019 10:53 AM
qhids_apex_content_tapi.pkb	27/03/2019 2:12 PM
qhids_apex_content_tapi.pks	27/03/2019 2:12 PM
qhids_appl_code_tapi.pkb	27/03/2019 2:12 PM
qhids_appl_code_tapi.pks	27/03/2019 2:12 PM
qhids_appl_config_tapi.pkb	27/03/2019 2:12 PM
qhids_appl_config_tapi.pks	27/03/2019 2:12 PM
qhids_appl_domain_tapi.pkb	27/03/2019 2:12 PM
qhids_appl_domain_tapi.pks	27/03/2019 2:12 PM
qhids_constraint_lookup_tapi.pkb	27/03/2019 2:12 PM
qhids_constraint_lookup_tapi.pks	27/03/2019 2:12 PM

Check the filesystem for the newly spool tapis.

Spooling Objects scripts

Tables

Table scripts are the most complex object script, because they are an aggregation of a table's

- CREATE TABLE
- INDEXES
- CONSTRAINTS
- REFERENTIAL CONSTRAINTS
- COMMENTS
- MVIEW LOGS
- TRIGGERS
- GRANTS
- SYNONYMS
- SEQUENCES - if mentioned in a column comment.

SmartGen QHIDSOWN Log Out

Choose Schema
Code Generator
Object Spooler
Spool Queue
Reports

Spool Objects and Table Data

Empty Spool

Select Objects Spool List (0) Spool Sets (2)

Select Objects

Q Go Actions

- ☒ Object Name not like '%\$%'
- ☒ Object Name not like 'EBA%'
- ☒ Object Name not like 'EXT%'
- ☒ Object Name not like 'SYS%'

Object Name

- ARM_COMP_V
- ARM_DEPENDENCY_V
- ARM_INSTALLER
- ARM_PATCH_V
- ARM_PREREQ_V
- ARM_UNAPPLIED_COMP_V
- ARM_UNAPPLIED_V
- ARM_UNPROMOTED_V

Object Type

Filter...

SCHEDULE

SEQUENCE

SYNONYM

TABLE

TABLE PARTITION

Status

VALID
VALID
VALID
VALID
VALID
VALID
VALID
VALID

- Filter by Object Type - TABLE

Spool Objects and Table Data

Empty Spool

Select Objects Spool List (0) Spool Sets (2)

Select Objects

Q Go Actions

- ☒ Object Name not like '%\$%'
- ☒ Object Name not like 'EBA%'
- ☒ Object Name not like 'EXT%'
- ☒ Object Name not like 'SYS%'
- ☒ Object Type = 'TABLE'

Object Name

Object Name	Object Type	Status
FILEWATCHER_FILES	TABLE	VALID
FILEWATCHER_FILE_EVENTS	TABLE	VALID
QHIDS_APEX_CONTENT	TABLE	VALID
QHIDS_APEX_MENU	TABLE	VALID
QHIDS_APPL_CODE	TABLE	VALID
QHIDS_APPL_CONFIG	TABLE	VALID
QHIDS_APPL_DOMAIN	TABLE	VALID
QHIDS_APP_TEXT	TABLE	VALID

Add Selected

- Choose the tables
- Add Selected

✓ Added 2 Objects to spool list.

Spool Objects and Table Data

Empty Spool

Select Objects Spool List (2) Spool Sets (2)

Spool List (2)

New Set Append Set Remove Selected

Q Go Actions

Object Name	Object Type	Result
QHIDS_APPL_DOMAIN	TABLE	-
QHIDS_APP_TEXT	TABLE	-

1 - 2

- Spool the table

✓ Queued for Spooling 2 objects, 2 successfully. ✕

ool Objects and Table Data

Object List 2
Pool Sets 2

New Set
Append Set
Remove Selected

	Object Name	Object Type	Result
<input type="checkbox"/>	QHIDS_APPL_DOMAIN	TABLE	Queued
<input type="checkbox"/>	QHIDS_APP_TEXT	TABLE	Queued

1 - 2

Now added to the spool queue

SmartGen QHIDSOWN
Log Out

Choose Schema
Code Generator
Object Spooler
Spool Queue
Reports

Queued Objects

	Object Owner	Object Name	Object Type	Queued By	Queued Date	Spooled Date
	QHIDSOWN	QHIDS_APPL_DOMAIN	TABLE	BURGPETE	03-APR-2019 05:15:16	-
	QHIDSOWN	QHIDS_APP_TEXT	TABLE	BURGPETE	03-APR-2019 05:15:16	-
	QHIDSOWN	QHIDS_APEX_MENU_TAPI	PACKAGE BODY	BURGPETE	03-APR-2019 05:01:08	03-APR-2019 05:04:02
	QHIDSOWN	QHIDS_APEX_MENU_TAPI	PACKAGE	BURGPETE	03-APR-2019 05:00:11	03-APR-2019 05:03:54
	QHIDSOWN	QHIDS_APEX_MENU	TABLE	BURGPETE	11-MAR-2019 01:05:59	11-MAR-2019 01:06:12

- Use Spool daemon to get the output.

```

Spooling Database Objects - QHIDSOWN

Check QHIDSOWN queue for BURGPETE again <null to go back>? : y
SQLcl: Release 18.2 Production on Wed Apr 03 15:16:44 2019
Copyright (c) 1982, 2019, Oracle. All rights reserved.
Connected to:
Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Production
Spool From Queue

0:spool_from_queue.js
1:D:\GitRepos\QHIDSe\tools\db-spooler\...\database
2:BURGPETE
3:QHIDSOWN
Schema: QHIDSOWN

*****
** Matching Objects of Owner QHIDSOWN requestor BURGPETE
*****
TABLE QHIDS_APPL_DOMAIN
TABLE QHIDS_APP_TEXT
*****

```

Computer > Data (D:) > GitRepos > QHIDSe > database > QHIDSOWN > tables
Search tables

Name	Date modified	Type	Size
qhids_app_text.tab	3/04/2019 3:17 PM	TAB File	6 KB
qhids_appl_domain.tab	3/04/2019 3:17 PM	TAB File	3 KB

Spooling Data extracts

Spool Objects and Table Data

Empty Spool

Select Objects Spool List (0) Spool Sets (2)

Select Objects Add Selected

Q v Go Actions v

- ☒ Object Name not like '%\$%'
- ☒ Object Name not like 'EBA%'
- ☒ Object Name not like 'EXT%'
- ☒ Object Name not like 'SYS%'

Object Name	Object Type	Status
ARM_COMP_V		VALID
ARM_DEPENDENCY_V		VALID
ARM_INSTALLER		VALID
ARM_PATCH_V		VALID
ARM_PREREQ_V		VALID
ARM_UNAPPLIED_COMP_V		VALID
ARM_UNAPPLIED_V		VALID
ARM_UNPROMOTED_V		VALID

Object Type Filter...

- CHAIN
- DATA
- DATABASE LINK
- FUNCTION
- INDEX

Filter by Object Type - DATA

Spool Objects and Table Data

Empty Spool

Select Objects Spool List (0) Spool Sets (2)

Select Objects Add Selected

Q v Go Actions v

- ☒ Object Name not like '%\$%'
- ☒ Object Name not like 'EBA%'
- ☒ Object Name not like 'EXT%'
- ☒ Object Name not like 'SYS%'
- ☒ Object Type = 'DATA'

Object Name	Object Type	Status
QHIDS_APEX_CONTENT	DATA	-
QHIDS_APEX_MENU	DATA	-
QHIDS_APPL_CODE	DATA	-
QHIDS_APPL_CONFIG	DATA	-
QHIDS_APPL_DOMAIN	DATA	-
QHIDS_APP_TEXT	DATA	-
QHIDS_CONSTRAINT_LOOKUP	DATA	-
QHIDS_DE_BATCH	DATA	-
QHIDS_EMAIL_CONFIG	DATA	-
QHIDS_FEATURE_TOGGLE	DATA	-

Will display tables that already have a tapi.

Alternatively - Retrieve a Spool Set from a saved set (Spool Sets tab)

Select Objects Spool List (0) Spool Sets (1)

Spool Sets (1)

QHIDSOWN - Spool Sets Delete Spool Sets Retrieve Spool Sets

Name	Object Count	Created By	Created Date
QHIDS Config Tables	9	BURGPETE	20-MAR-19

1 - 1

QHIDS Config Tables - Objects

Q v Go Actions v

Object Type	Object Name
DATA	QHIDS_APEX_CONTENT
DATA	QHIDS_APEX_MENU
DATA	QHIDS_APPL_CODE
DATA	QHIDS_APPL_CONFIG
DATA	QHIDS_APPL_DOMAIN
DATA	QHIDS_APP_TEXT
DATA	QHIDS_CONSTRAINT_LOOKUP
DATA	QHIDS_EMAIL_CONFIG
DATA	QHIDS_FEATURE_TOGGLE

Spool Sets 1

QHIDSOWN - Spool Sets

Delete Spool Sets Retrieve Spool Sets

	Name	Object Count	Created By	Created Date
<input checked="" type="checkbox"/>	QHIDS Config Tables	9	BURGPETE	20-MAR-19

1 - 1

VN

Retrieved 1 Spool Sets into spool list.

Spool Objects and Table Data

Select Objects Spool List 9 Spool Sets 1

Spool List 9

New Set Append Set Remove Selected

Object Name	Object Type	Result
QHIDS_APEX_CONTENT	DATA	-
QHIDS_APEX_MENU	DATA	-
QHIDS_APPL_CODE	DATA	-
QHIDS_APPL_CONFIG	DATA	-
QHIDS_APPL_DOMAIN	DATA	-
QHIDS_APP_TEXT	DATA	-
QHIDS_CONSTRAINT_LOOKUP	DATA	-
QHIDS_EMAIL_CONFIG	DATA	-
QHIDS_FEATURE_TOGGLE	DATA	-

1 - 9

- Spool - to spool the set of 9 config tables.

Queued for Spooling 9 objects, 9 successfully.

Queued Objects

Object Owner	Object Name	Object Type	Queued By	Queued Date	Spooled Date
QHIDSOWN	QHIDS_APEX_CONTENT	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_FEATURE_TOGGLE	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_APEX_MENU	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_EMAIL_CONFIG	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_CONSTRAINT_LOOKUP	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_APP_TEXT	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_APPL_DOMAIN	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_APPL_CONFIG	DATA	BURGPETE	03-APR-2019 05:32:49	-
QHIDSOWN	QHIDS_APPL_CODE	DATA	BURGPETE	03-APR-2019 05:32:49	-

Use the Daemon again..














```
Spooling Database Objects - QHIDSOWN

qhids_feature_toggle_tapi.upsert(
  i_appl_id => 'UM',
  i_feature_id => '21',
  i_feature_code => 'HEALTH_EXT_USERS',
  i_description => 'Enable or disable the ability to create External Users w
with a QLD Health email address',
  i_valid_from => to_date('01-JAN-2019 00:00:00', 'DD-MON-YYYY HH24:MI:SS'),
  i_valid_to => to_date(' ', 'DD-MON-YYYY HH24:MI:SS'),
  i_enabled_flag => 'N',
  i_frequency => ''
);
END;
/
PROMPT Dataload complete!
SET DEFINE ON;

Disconnected from Oracle Database 18c Enterprise Edition Release 18.0.0.0 - Pr
oduction
Check QHIDSOWN queue for BURGPETE again <null to go back>? :
```

Done.

Check files..

	qhids_app_text.pop	3/04/2019 3:34 PM	POP File	5 KB
	qhids_constraint_lookup.pop	3/04/2019 3:34 PM	POP File	16 KB
	qhids_email_config.pop	3/04/2019 3:34 PM	POP File	13 KB
	qhids_feature_toggle.pop	3/04/2019 3:34 PM	POP File	1 KB
	qhids_appl_code.pop	3/04/2019 3:34 PM	POP File	31 KB
	qhids_appl_config.pop	3/04/2019 3:34 PM	POP File	29 KB
	qhids_appl_domain.pop	3/04/2019 3:34 PM	POP File	3 KB
	qhids_apex_menu.pop	3/04/2019 3:34 PM	POP File	544 KB
	qhids_apex_content.pop	3/04/2019 3:34 PM	POP File	22 KB
	qhids_apex_menu_DEV.pop	27/03/2019 4:17 PM	POP File	544 KB
	qhids_appl_config_DEV.pop	27/03/2019 4:17 PM	POP File	29 KB
	qhids_apex_menu_TEST.pop	27/03/2019 2:12 PM	POP File	309 KB
	qhids_appl_config_TEST.pop	27/03/2019 2:12 PM	POP File	28 KB

NB - in the list above 2 tables have alternative scripts for DEV and TEST.

Since I have exported from the VM, which is using the DEV config, I need to merge my changes into the DEV script.

New records can also be copied directly into the TEST script, but updates will have to be manually merged.

(There is still a reconciliation activity to be done for these 2 tables, between DEV, TEST, PAT, PROD.)

Tracker app

Tracker is apex app 2000 - in the APEXRM workspace.

The app is installed in VM, DEV, TEST, and will also be installed in PAT and PROD.

You will need to create yourself a user in APEXRM workspace to login.

Tracker VM

Tracker VM

Username

BURGPETE

Password

.....

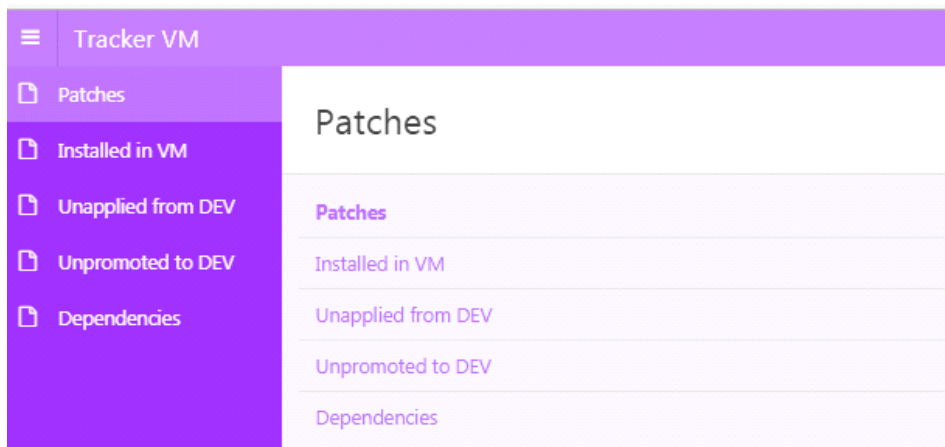
Login

This app interrogates the APEXRM release management tables, which are populated by the GitPatcher install.sql files.

It's main purpose is to Track and display the state of the databases, but can also be used to change

the settings on a patch after it has been run. Eg to Retire a patch.

Landing Page



Above I have logged into my VM.

The page names change to reflect the appropriate local and linked environment names.

Eg

- VM links downstream to DEV and also upstream to DEV.
- DEV links upstream to TEST
- TEST will link downstream to DEV and upstream to PAT.

Installed in VM

This shows all the patches that have been installed in this DB. Listed in DESC order of completed datetime.

Patches /
Installed in VM

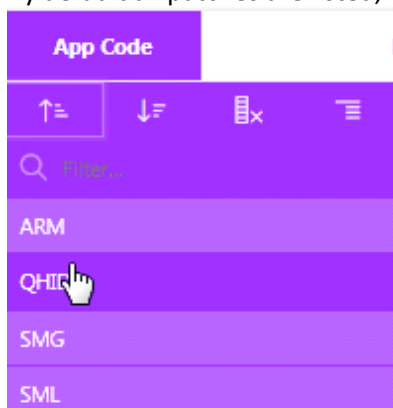
Q Go 1: Primary Report # Actions

Patch Type

Patch Type: feature

	Edit	App Code	Patch Name	Patch Desc	Patch Create Date	Completed Datetime
Q		QHIDS	QHIDS-2447.01.QHOWN	Added performance suggestions from Rob Fitton (as per NAP)	02-APR-19	02-APR-2019 04:03
Q		QHIDS	QHIDS-2446.02.SYS	New Schema Collectdown with required tablespace and system and object privileges	01-APR-19	02-APR-2019 04:02
Q		QHIDS	QHIDS-2498.01.GEOOWN	Bugfix to GeoLinks - handle No Data Found (impacting App 170 Page 110)	01-APR-19	02-APR-2019 03:58
Q		QHIDS	QHIPS-177.01.QHOWN	QHIPS-177 - Fix Regroupier flat file positions	01-APR-19	02-APR-2019 03:58
Q		SMG	SDOPEL-42.01.SMARTGEN.DATA	SMG - Objects Sets for QH	25-MAR-19	28-MAR-2019 00:42
Q		SMG	SDOPEL-42.01.SMARTGEN	SmartGen Template changes	25-MAR-19	28-MAR-2019 00:42
Q		PHENIX	KB-16.10.1.BPVBOM	KB-16.10.1.BPVBOM	28-MAR-19	28-MAR-2019 00:42

By default all patches are listed, but you may find it useful to filter by App Code.



- Select QHIDS to hide the other tools.

Installed in VM

Q

▼

Go

1. Primary Report

⌵

Actions ▼

▼

☒

App Code = 'QHIDS'

☒

Patch Type

×

×

Patch Type : feature

	Edit	App Code	Patch Name	Patch Desc	Patch Create Date	Completed Datetime ⌵
Q		QHIDS	QHIDS-2447.01.QHOWN	Added performance suggestions from Rob Fitton (as per NAP)	02-APR-19	02-APR-2019 04:03
Q		QHIDS	QHIDS-2446.02.SYS	New Schema Collectown with required tablespace and system and object privileges	01-APR-19	02-APR-2019 04:02
Q		QHIDS	QHIDS-2498.01.GEOOWN	Bugfix to GeoLinks - handle No Data Found (impacting App 170 Page 110)	01-APR-19	02-APR-2019 03:58
Q		QHIDS	QHIPS-177.01.QHOWN	QHIPS-177 - Fix Regrouper flat file positions	01-APR-19	02-APR-2019 03:58
Q		QHIDS	SP-16.02.APEXRM	SP-16 Apex Apps Only	28-MAR-19	28-MAR-2019 00:28
Q		QHIDS	SP-16.01.GEOOWN	SP-16 GEOOWN	27-MAR-19	28-MAR-2019 00:28
Q		QHIDS	SP-16.01.QHOWN	SP-16 QHOWN	27-MAR-19	28-MAR-2019 00:28

Installed in VM

Q

Go

2. Detailed

Actions

App Code = 'QHIDS'

Patch Type

Patch Type: feature

	Edit	App Code	Patch Name	Patch Desc	Allow All Schema	Patch Create Date	Completed Datetime	Has Pre Reqs	Is Pre Req For	Components	Execution Log
Q		QHIDS	QHIDS-2447.01.QHOWN	Added performance suggestions from Rob Fitton (as per NAP)	N	02-APR-19	02-APR-2019 04:03	2	0	qh_process_load.pkb	QHOWN 02-APR-2019 04:02
Q		QHIDS	QHIDS-2446.02.SYS	New Schema Collectown with required tablespace and system and object privileges	N	01-APR-19	02-APR-2019 04:02	1	0	collectown.user	SYS 02-APR-2019 03:58
Q		QHIDS	QHIDS-2498.01.GEOOWN	Bugfix to GeoLinks - handle No Data Found (impacting App 170 Page 110)	N	01-APR-19	02-APR-2019 03:58	2	0	geo_apex_util.pkb	GEOOWN 02-APR-2019 03:58
Q		QHIDS	QHIPS-177.01.QHOWN	QHIPS-177 - Fix Regrouper flat file positions	N	01-APR-19	02-APR-2019 03:58	2	0	qh_regrouper.pkb	QHOWN 02-APR-2019 03:58
Q		QHIDS	SP-16.02.APEXRM	SP-16 Apex Apps Only	N	28-MAR-19	28-MAR-2019 00:28	1	0	-	APEXRM 28-MAR-2019 00:11 APEXRM 28-MAR-2019 00:28
Q		QHIDS	SP-16.01.GEOOWN	SP-16 GEOOWN	N	27-MAR-19	28-MAR-2019 00:28	3	1	geo_cache.tab geo_config.tab geo_data.tab geo_queue.tab geo_street_type.tab geo_apex_util.pks geo_coding.pks geo_coding_collection.pks geo_collection_data_vw.vw geo_apex_util.pkb geo_coding.pkb geo_coding_ws_secure.pkb	GEOOWN 28-MAR-2019 00:28

The Detailed report, shows the components lists.

The edit link allows for updates of the patch data, and also lists components and the execution log.

Edit Patches

Edit Patches

Patch Type	feature	Log Datetime	28-MAR-19
Patch Name	SP-16.01.GEOOWN	Success Yn	Y
App Code	QHIDS	Completed Datetime	28-MAR-19
Branch Name	feature/SP-16	Retired Yn	N
Tag From	SP-16.01A	Rerunnable Yn	Y
Tag To	SP-16.01B	Warning Count	0
Dlo Schema	GEOOWN	Error Count	0
Suffix		Username	GEOOWN
Patch Desc	SP-16 GEOOWN	Created By	GEOOWN
Note		Created On	28-MAR-19
Patch Create Date	27-MAR-19	Last Updated By	GEOOWN
Patch Created By	BurgPete	Last Updated On	28-MAR-19

Cancel

Apply Changes

Components

Seq	Component
1	geo_cache.tab
2	geo_config.tab
3	geo_data.tab
4	geo_queue.tab

Execution Log

Log Datetime	Username	Completed Datetime	Warning Count	Error Count	Success Yn
28-MAR-19	GEOOWN	28-MAR-19	0	0	Y

1 - 1

Unapplied from DEV

This shows the patches installed downstream at DEV, and not yet in my VM.

Unapplied from DEV

Patches Unapplied - to be applied TRACKER_VM

App Code	Patch Name	Patch Desc	Patch Create Date	Patch Created By	Completed Datetime
QHIDS	QHIDS-2446.03.SYS	Create Credential - For VM Only	02-APR-19	HewettJ	03-APR-19
QHIDS	QHIDS-2446.06.QHIDSOWN	Remove Filewatcher from QHIDSOWN	03-APR-19	HewettJ	03-APR-19
QHIDS	QHIDS-2446.05.COLLECTOWN	Move Filewatcher to COLLECTOWN	03-APR-19	HewettJ	03-APR-19
QHIDS	QHIDS-2446.04.QHIDSOWN	Grant required for filewatcher in COLLECTOWN	03-APR-19	HewettJ	03-APR-19

1 - 4

Unapplied to DEV

This shows the patches that are in my VM, but that have not yet been installed upstream at DEV.
In most cases I will have created these patches, and will be promoting them soon.

Patches / Unpromoted to DEV

Patches Unpromoted - Yet to be promoted to DEV

☐

Patch Type

No data found.

Dependencies

This shows all patches installed on my VM in order of dependency
Earliest to latest.

If patches appear out of order here, it is possible that some patches were created without any dependency records. In the absence of any dependency records, the completed datetime is meant to be used to determine best order.

Patches / Installed Patches - Dependency Order

Installed Patches

App Code	Patch Name	Patch Desc	Patch Create Date	Has Prereqs	Is Prereq For	Components	Successful	Completed Datetime	Execution Log
ARM	ARM-01.01.SYS	User creation and grants	11-FEB-19	0	1	apexrm.user apexrm.grt apexrm_12c.grt	Y	28-FEB-2019 00:47	SYS 28-FEB-2019 00:47
QHIDS	QHIDS-2447.01.QHOWN	Added performance suggestions from Rob Fitton (as per NAP)	02-APR-19	2	0	qh_process_load.pkb	Y	02-APR-2019 04:03	QHOWN 02-APR-2019 04:02
ARM	ARM-01.02.APEXRM	Ensure patches used as a prereq 'last_patch', cannot be rerun.	17-FEB-19	1	54	arm_patch.tab arm_prereq.tab arm_installer.pks arm_prereq_tapi.pks arm_comp.yvw arm_dependency.yvw arm_installer.pkb arm_prereq_tapi.pkb	Y	28-FEB-2019 00:47	APEXRM 28-FEB-2019 00:47
ARM	ARM-01.03.SYS	Public Grants	27-FEB-19	1	1	public.grt	Y	28-FEB-2019 00:47	SYS 28-FEB-2019 00:47
						arm_patch.tab arm_prereq.tab arm_comp.tab			

Tracker DEV

Similarly you can login Tracker on DEV with this link

https://oasdcasdev.test.health.qld.gov.au:8888/pls/apex/f?p=2000:LOGIN_DESKTOP:.....

Tracker DEV

Patches

Installed in DEV

Unpromoted to TEST

Dependencies

Patches

Installed in DEV

Unpromoted to TEST

Dependencies

