

Author – A.Kishore/Sachin
<http://appsdba.info>

Important tables for ADPATCH

Here are some of the important tables used by ADPATCH utility.

- **AD_APPL_TOPS**

This table holds the various APPL-TOP's in the Oracle Applications installation that have ever been patched.

- **AD_APPLIED_PATCHES**

AD_APPLIED_PATCHES holds information about the “distinct” Oracle Applications patches that have been applied. If 2 patches happen to have the same name but are different in content (eg. “merged” patches), then they are considered distinct and this table will therefore hold 2 records.

- **AD_BUGS**

AD_BUGS holds information about the various Oracle Applications bugs whose fixes have been applied (ie. patched) in the Oracle Applications installation.

- **AD_PATCH_DRIVERS**

This table holds information about the patch drivers that comprise a patch.

- **AD_FILE_VERSIONS**

This table holds the various versions of Oracle Applications files (real files, not “pseudo-files”) that have ever been patched or executed in the Oracle Applications installation.

- **AD_FILES**

AD_FILES is the “files repository”. It contains information about the various files that have been patched in the Oracle Applications installation. Some entries are “pseudo-files” and not real files, (eg. directories) in which case some of the columns are not applicable and would then hold the value “DUMMY”

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- **AD_PATCH_DRIVER_LANGS**

NLS patches (or more specifically, NLS patch drivers) pertain to a language or multiple languages. This table holds that language (or multiple languages).

- **AD_PATCH_DRIVER_MINIPKS**

This table holds information about the various Mini Packs contained in a patch (driver)

- **AD_PATCH_RUN_BUG_ACTIONS**

Holds the various actions present in “applied” bug (fix). If Autopatch determined not to apply a bug (fix), then this table will not hold any records for that “unapplied” bug fix.

- **AD_PATCH_RUN_BUG_ACTIONS**

Even though a patch may have been applied on an Oracle Applications installation, some actions in some of its included bugs (fixes) may not have got executed if the “Autopatch” utility determined that it was not necessary to execute those actions. In such cases, EXECUTED_FLAG is set to N.

- **AD_PATCH_RUN_BUGS**

This table holds information about the bugs fixed in a specific run of Autopatch. AD_PATCH_RUN_BUGS holds information about the various bugs fixed in a specific run of Autopatch. Even though a patch may have been applied on an Oracle Applications installation, some bugs (fixes) contained in it may not get applied due to some reason. In such cases, the REASON_NOT_APPLIED column holds the reason.

- **AD_PATCH_RUNS**

AD_PATCH_RUNS holds information about the various invocations of Autopatch for applying Oracle Applications patches to a specific release of an Oracle Applications installation.

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If multiple drivers are run in one invocation of Autopatch, they result in multiple records in this table. These multiple records will all have the same SESSION_ID (because they generated from one Autopatch invocation), but different TASK Number's. The TASK Number's in this case will be numbered sequentially as 1, 2, 3, etc.

Please Note that when the database driver of a Maintenance Pack is applied, it bumps up the release version by creating a new record in AD_RELEASES, which is then pointed to by the UPDATED_TO_RELEASE_ID column of the old record.

- **AD_RELEASES**

AD_RELEASES holds the various Oracle Applications releases that an installation of Oracle Applications has gone through in its entire life cycle. It should be noted that START_DATE_ACTIVE, END_DATE_ACTIVE and BASE_RELEASE_FLAG are loosely maintained informational columns and are not accurately maintained, and therefore should not be relied upon heavily.

- **AD_PATCH_COMMON_ACTIONS**

This table holds distinct information about the various actions that are (often repeatedly) performed by Autopatch as part of applying patches.