



PDS AdminTool – simplify administration for Intergraph PDS®

Introduction:

PDS AdminTool simplifies a number of administration tasks for Intergraph PDS saving a significant number of project man-hours.

Common issues:

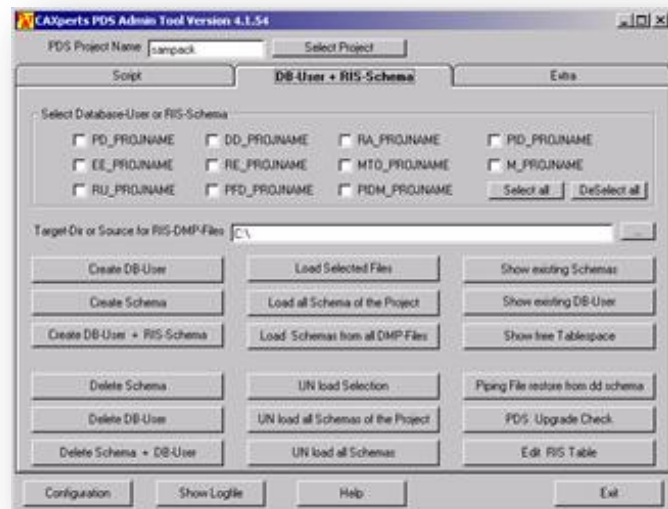
Intergraph PDS has been the industry leading plant design software for many years. However, some of the administration tasks can involve several steps and in turn take a number of man-hours to complete such as...

- upgrading PDS versions
- identifying database issues and fixing them
- the creation of PDS projects
- exchanging data and files
- copying projects and subprojects
- saving and restoring projects and subprojects
- viewing and editing of RIS tables

PDS AdminTool has been specifically designed to support PDS administrators in the execution of these tasks.

Project setup:

Designed for rapid and simple data exchange, the practice approved PDS AdminTool from CAXperts offers PDS power users and administrators a wide range of functions. An entire PDS project can be created from project schemas. The work is carried out using the user interface which enables even the less experienced user to do PDS administration.



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Scripts, DB User and RIS Schema:

Two fundamental elements go to make up the **PDS AdminTool**

1. The script area, which allows the user to execute administrative scripts to maintain standard tasks. It contains only a few commands and can be used for all kind of administration work. It allows the creation of new projects based on seed projects in less than five minutes.
2. The "DB User and RIS schema" and "Extra" interactive area allows easily the creation of new database users and RIS schemas.

It also contains a wide range of commands such as:

- restore design files from the backup
- execute a PDS upgrade check to avoid time consuming upgrade procedures
- edit RIS table allows the viewing and editing of any RIS table by easy filtering functions
- check database against DDL files to verify the existing table structure or extend it

The screenshot shows the 'CAXperts PDS Admin Tool Version 4.1.54 [EditRISTables]' window. The 'Schema' is set to 'pd_sampack' and the 'Table' is 'pdtable_102'. The table displays 46 records with columns: type_of_rfb, approval_status, rfb_file_spec, path_name, network_addr, lock_owner, lock_status, lock_date, and revision_date. The table is titled 'pdtable_102 - 46 records'.

| type_of_rfb | approval_status | rfb_file_spec | path_name | network_addr | lock_owner | lock_status | lock_date | revision_date |
|-------------|-----------------|---------------|------------------|--------------|------------|-------------|-----------|---------------|
| 34 | 1 | 0_expmo.lib | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 36 | 1 | new_tut.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 52 | 1 | | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 26 | 1 | dm_pcdm.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 27 | 0 | eus_pcdm.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1028203605 |
| 19 | 1 | ra_sampack | | | | 0 | 0 | 0 |
| 0 | 0 | dd_sampack | | | | 0 | 0 | 0 |
| 200 | 0 | EE_sampack | | | | 0 | 0 | 0 |
| 202 | 0 | | | | | 0 | 0 | 0 |
| 99 | 0 | sampack.dgn | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 34 | 0 | a_expmo.lib | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 16 | 0 | new_tut.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 52 | 0 | | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 55 | 0 | lonequip.cel | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 11 | 0 | rp_pytbl.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1028201513 |
| 11 | 1 | rp_pytbl.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1042798672 |
| 22 | 0 | rp_rhboom.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1027638536 |
| 54 | 1 | rp_pytbl.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 55 | 1 | lonequip.cel | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 21 | 1 | int_lgboom.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 19 | 0 | ra_sampack | | | | 0 | 0 | 0 |
| 35 | 0 | int_lgboom.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1028201568 |
| 35 | 1 | int_lgboom.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1028221559 |
| 15 | 0 | rp_note.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1028204534 |
| 15 | 1 | rp_note.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1042202257 |
| 14 | 0 | rp_labels.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 0 |
| 14 | 1 | rp_labels.l | d:\pds\uk\team\5 | DG240 | | 0 | 0 | 1040140134 |

Benefits:

The biggest benefits for **PDS AdminTool** are the simplification of regular administration tasks and the man-hour saving it brings to engineering projects:

- easy project creation
- automation of administrative tasks in PDS
- time savings to upgrade PDS versions
- identification and fixing of database issues/incorrect content
- rapid data exchange
- script language for administration
- easy creation of database users and RIS schema

Next steps:

If you believe that **PDS AdminTool** may be of value to your organisation, please contact your nearest CAXperts office for further information. We will be happy to provide more detailed information and discuss your individual requirements in more depth.

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