

## Issues

| #     | Project          | Tracker | Status    | Priority  | Subject  | Assigned To       | Updated             | Category               |
|-------|------------------|---------|-----------|-----------|--|-------------------|---------------------|------------------------|
| 1083  | Oval             | Bug     | New       | Immediate | oval log -gui  |                   | 11/16/2010 11:45 AM | Command Line Interface |
| 48757 | LabInvent        | Feature | New       | Immediate | *** F - DIVERS TODO (à dispatcher)                                       | Pallier Etienne   | 01/19/2022 04:12 PM |                        |
| 47921 | LabInvent        | Feature | New       | Immediate | *** F - Framework CakePhp  |                   | 12/02/2021 04:45 PM |                        |
| 47860 | LabInvent        | Feature | New       | Immediate | *** F - ENTITY - Materiels   |                   | 01/19/2022 03:51 PM |                        |
| 48758 | LabInvent        | Task    | New       | Immediate | Modifs demandées par C. Feugeade le 18/1/22                              | Pallier Etienne   | 01/19/2022 04:22 PM |                        |
| 47960 | LabInvent        | Task    | New       | Immediate | CHAMPS   |                   | 01/19/2022 03:51 PM |                        |
| 47922 | LabInvent        | Task    | New       | Immediate | Passer directement à v3.LAST (3.10.1)                                    |                   | 12/02/2021 04:45 PM |                        |
| 10227 | CLASS            | Feature | New       | Immediate | MURE GUI   | MOUGINOT Baptiste | 06/23/2015 01:36 PM |                        |
| 7644  | Topology Manager | Bug     | Suspended | Urgent    | Compilation problem im main branch feature-gui                           | Legay Eric        | 07/04/2014 02:27 PM | Core TM                |
| 351   | RlsngCons        | Bug     | New       | Urgent    | Refresh only on action   | Puel Mattieu      | 04/08/2016 04:07 PM |                        |
| 2753  | Pipelet          | Bug     | New       | Urgent    | retrieve hook name from source code                                      |                   | 05/22/2012 02:36 PM |                        |
| 723   | Pipelet          | Bug     | Assigned  | Urgent    | Timers on lock   | Betoule Marc      | 03/08/2011 09:07 PM | Engine                 |
| 905   | Oval             | Bug     | New       | Urgent    | Use of parenthesis in diffline regular expression                        | Chamont David     | 09/14/2010 06:17 PM | Diff command           |
| 172   | Oval             | Bug     | New       | Urgent    | Automatic variables  | Chamont David     | 10/02/2009 02:24 PM | Run command            |
| 47875 | LabInvent        | Feature | New       | Urgent    | *** F - ENTITY GÉNÉRIQUE - Actions & Vues génériques (& Refactorisation) |                   | 12/01/2021 11:21 AM |                        |
| 47866 | LabInvent        | Feature | New       | Urgent    | *** F - Installation   |                   | 12/13/2021 11:08 AM |                        |
| 47861 | LabInvent        | Feature | New       | Urgent    | *** F - ENTITY - Suivis (de Materiel ou User)                            |                   | 12/13/2021 11:10 AM |                        |
| 47962 | LabInvent        | Task    | New       | Urgent    | (IRAP only) re-install inventirap avec php7                              |                   | 11/30/2021 03:17 PM |                        |
| 47906 | LabInvent        | Task    | New       | Urgent    | Champs virtuels  |                   | 11/30/2021 03:50 PM |                        |
| 47905 | LabInvent        | Task    | New       | Urgent    | Read (index & view) (generic)  |                   | 12/01/2021 11:21 AM |                        |
| 47903 | LabInvent        | Task    | New       | Urgent    | Rappels automatiques pour les suivis récurrents (périodiques)            |                   | 12/01/2021 11:17 AM |                        |
| 47901 | LabInvent        | Task    | New       | Urgent    | Read (view & index)  |                   | 12/01/2021 11:17 AM |                        |
| 47899 | LabInvent        | Task    | New       | Urgent    | view (generic)   |                   | 12/01/2021 11:21 AM |                        |
| 47886 | LabInvent        | Task    | New       | Urgent    | Notifications  |                   | 11/30/2021 03:45 PM |                        |
| 47874 | LabInvent        | Task    | New       | Urgent    | Stats  |                   | 11/30/2021 03:44 PM |                        |
| 42    | ENX              | Feature | New       | Urgent    | Module ID Handler  |                   | 06/05/2013 02:27 PM | ENX Core               |
| 9916  | CLASS            | Bug     | Feedback  | Urgent    | CLASS compilation fails with gcc5 ( 5.1.0 )                              |                   | 06/30/2015 11:55 PM |                        |
| 16627 | CC-IN2P3         | Bug     | New       | Urgent    | prise cassée bureau 311 b  |                   | 01/12/2017 02:27 PM |                        |
| 714   | TReqS            | Bug     | New       | High      | Annuler un staging en cours  |                   | 03/24/2015 04:34 PM |                        |
| 423   | TReqS            | Feature | New       | High      | Écrire une toolbox pour administration                                   |                   | 03/24/2015 04:40 PM |                        |

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|-------|------------------|---------|-------------|----------|--|-----------------|---------------------|-----------|
| 388   | TReqS            | Feature | New         | High     | Possibilités d'interactions avec le serveur TReqS  |                 | 03/24/2015 04:06 PM |           |
| 7736  | Topology Manager | Bug     | New         | High     | Generate electronic config files without GTS   | Legay Eric      | 09/22/2014 05:12 PM | GUI       |
| 7587  | Topology Manager | Bug     | New         | High     | Replace an item  |                 | 06/30/2014 05:42 PM |           |
| 5725  | Topology Manager | Feature | Assigned    | High     | propagation of OFF status to the GTS tree  | Ralet Damian    | 01/10/2014 05:25 PM |           |
| 8995  | SphereLib        | Bug     | New         | High     | python2.7-config   |                 | 01/28/2015 04:21 PM |           |
| 432   | Smurf            | Bug     | New         | High     | creation de fichiers vides   |                 | 04/23/2021 11:44 AM |           |
| 45485 | PyROS            | Feature | New         | High     | **** D0 - GENERAL, ADMINISTRATIVE & TECHNICAL  |                 | 03/16/2022 04:53 PM |           |
| 45483 | PyROS            | Feature | New         | High     | **** D4 - Images production (L0)   |                 | 11/09/2022 10:31 AM |           |
| 45482 | PyROS            | Feature | New         | High     | **** D3 - Sequences submission & plannig   |                 | 10/07/2022 01:31 PM |           |
| 45480 | PyROS            | Feature | New         | High     | **** D1 - System Security & Control  |                 | 10/03/2022 02:31 PM |           |
| 44658 | PyROS            | Feature | New         | High     | *** SF15 - SST - START&STOP - System Startup (launch), monitoring, and Shutdown  |                 | 10/03/2022 12:51 PM |           |
| 44172 | PyROS            | Feature | New         | High     | *** SF14 - OCF - Observatory Unit & Site Configuration   |                 | 10/03/2022 02:59 PM |           |
| 44162 | PyROS            | Feature | New         | High     | *** SF08 - EXE (SOX) - Observation Sequence (SO) eXecution (L0)  |                 | 11/09/2022 10:45 AM |           |
| 44161 | PyROS            | Feature | New         | High     | *** SF04 - SPV - System Coordination & Supervision : Majordome (Conductor) (includes Agent & AgentCmd class)                       |                 | 10/03/2022 02:31 PM |           |
| 44151 | PyROS            | Feature | New         | High     | *** GF1 - PROJ - Project management, documentation, formation des utilisateurs, interfaces, plan de justification de la définition |                 | 01/31/2022 11:32 AM |           |
| 44148 | PyROS            | Feature | New         | High     | *** GF2 - INST - Config, Install, update, deploy (IRAP, CNES, TAROT...)  |                 | 03/16/2022 07:27 AM |           |
| 49150 | PyROS            | Task    | New         | High     | Ajout du script PYROS wrapper sur pyros.py pour gérer proprement tous les contextes d'appel  | Pallier Etienne | 01/31/2022 11:36 AM | Evolution |
| 49149 | PyROS            | Task    | New         | High     | RUN SCRIPT (PYROS/pyros.py) (uniquement pour la partie execution)  |                 | 10/03/2022 10:52 AM |           |
| 48278 | PyROS            | Task    | New         | High     | AGENT général (dont dépendent tous les agents et AgentDevices...) - Agent base class   | Pallier Etienne | 10/03/2022 02:30 PM |           |
| 48271 | PyROS            | Task    | New         | High     | CLASSIC installation (with venv)   |                 | 03/16/2022 07:27 AM |           |
| 47388 | PyROS            | Task    | New         | High     | (F14) ENTITIES - definition & implementation - CONFIG FILES  |                 | 10/07/2022 02:03 PM |           |
| 45043 | PyROS            | Task    | New         | High     | Démo IRAP (install classique ?) + retrouver ancienne utilisation de PlcConfig  | Pallier Etienne | 12/14/2021 12:00 PM |           |
| 45040 | PyROS            | Task    | New         | High     | NEW Agent v2 basé sur new config yaml (base pour F09)  | Pallier Etienne | 01/29/2022 01:04 AM |           |
| 45018 | PyROS            | Task    | New         | High     | Définir config pour TNC (4 channels Cam)   | Klotz Alain     | 10/12/2021 08:52 AM |           |
| 45017 | PyROS            | Task    | In progress | High     | Définir config pour GUITALENS (observatoire avec plusieurs UNIT)   | Klotz Alain     | 10/12/2021 08:52 AM |           |

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| 45004 | PyROS                          | Task    | New         | High     | MAIN CONFIG FILE - Décrire dans un fichier texte la configuration complète d'une UNIT (monture) et tous ses composants et instruments associés |                   | 10/07/2022 02:03 PM |             |
| 45000 | PyROS                          | Task    | New         | High     | Generic commands grammar description & management  |                   | 05/06/2021 05:05 PM |             |
| 44867 | PyROS                          | Task    | New         | High     | Mettre les TASKS dans la version v0.1 prévue pour juin, dans doc-specs et dans redmine (puis planifier aussi les autres versions futures)      | Pallier Etienne   | 05/06/2021 06:19 PM |             |
| 44866 | PyROS                          | Task    | In progress | High     | Associer chaque FEATURE à 1(N) CLASSE/AGENT pyros (implémentation)   | Pallier Etienne   | 07/16/2021 09:13 AM |             |
| 44389 | PyROS                          | Task    | New         | High     | (GF1) PROJECT MANAGEMENT (REDMINE FORGE) : Features, tasks, gantt, kanban  |                   | 03/04/2022 11:56 AM |             |
| 44388 | PyROS                          | Task    | New         | High     | (GF2) SOURCE CODE MANAGEMENT (GITLAB)  |                   | 02/02/2022 12:28 PM | Evolution   |
| 44363 | PyROS                          | Task    | In progress | High     | ODJ & CR Réunions  | Pallier Etienne   | 05/06/2021 06:18 PM |             |
| 44362 | PyROS                          | Task    | New         | High     | Lier commits à tasks (commit auto close tasks)   | Pallier Etienne   | 03/29/2021 03:49 PM |             |
| 44361 | PyROS                          | Task    | In progress | High     | Mettre à jour gitlab in2p3 et changer le remote de nous tous (remplace irap)   | Pallier Etienne   | 05/06/2021 03:37 PM |             |
| 44354 | PyROS                          | Task    | In progress | High     | Installer, tester, faire fonctionner, et comprendre ce protocole sur linux   | Klotz Alain       | 05/06/2021 02:47 PM |             |
| 44344 | PyROS                          | Task    | In progress | High     | Définir un style de codage (source et test)  | Pallier Etienne   | 05/06/2021 03:38 PM |             |
| 44343 | PyROS                          | Task    | In progress | High     | DOC TECHNIQUE (API) - Mettre en place une doc technique générée automatiquement à partir du code source (Sphinx)                               | Pallier Etienne   | 03/04/2022 11:57 AM |             |
| 44338 | PyROS                          | Task    | In progress | High     | Installation docker au CNES (sur VM)   | Koralewski Alexis | 12/14/2021 11:39 AM |             |
| 44334 | PyROS                          | Task    | In progress | High     | (F08) Intégration protocole INDI   |                   | 05/06/2021 05:05 PM |             |
| 44329 | PyROS                          | Task    | New         | High     | Migration gitlab sur IN2P3   |                   | 12/14/2021 12:08 PM |             |
| 44170 | PyROS                          | Task    | In progress | High     | DOCKER installation  | Koralewski Alexis | 06/28/2022 10:11 PM |             |
| 44168 | PyROS                          | Task    | New         | High     | (GF2) INSTALL & DEPLOY   |                   | 03/16/2022 07:27 AM |             |
| 44166 | PyROS                          | Task    | New         | High     | (GF1) DOCUMENTATION  |                   | 03/04/2022 11:57 AM |             |
| 4068  | Pipelet                        | Bug     | New         | High     | Tagging works randomly with konqueror  |                   | 03/07/2013 10:39 AM | Web         |
| 1178  | Pipelet                        | Task    | New         | High     | writing mysql and postgre backends   |                   | 02/13/2013 10:49 AM |             |
| 10314 | PEM                            | Bug     | New         | High     | Environment compliant with CLI   |                   | 07/07/2015 09:57 AM |             |
| 174   | Oval                           | Feature | New         | High     | oval run -o  | Chamont David     | 10/02/2009 02:47 PM | Run command |
| 30    | Oval                           | Feature | New         | High     | Use environments as targets to the step commands   | Chamont David     | 02/16/2009 07:12 PM | Run command |
| 11452 | LSTCam low-level data analysis | Task    | New         | High     | Definition of LST mini-camera tests  | Nakajima Daisuke  | 05/31/2018 04:54 PM |             |
| 8099  | LC2                            | Feature | New         | High     | Add business rule forbidding empty CRT-DSP configuration (at least 1 manu per CRT DSP)   | Lafage Vincent    | 10/27/2014 07:00 PM |             |
| 1156  | LC2                            | Feature | Assigned    | High     | query Marc Status generation & validation options  | Lafage Vincent    | 12/07/2010 04:54 PM |             |

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| 41294 | Lavoisier   | Feature | New         | High     | add support for attribute @null in namespace<br>http://software.in2p3.fr/lavoisier/tables.xsd | Reynaud Sylvain | 09/25/2020 03:38 PM | Engine   |
| 37910 | Lavoisier   | Feature | New         | High     | do not log AdaptorException when they are already sent to the user                            |                 | 07/25/2019 09:41 AM |          |
| 9606  | Lavoisier   | Feature | New         | High     | add attribute @encoding to element <connector>  |                 | 03/31/2015 06:29 PM | Engine   |
| 9496  | Lavoisier   | Feature | New         | High     | upgrade to more recent version of JSW   |                 | 03/18/2015 06:34 PM | Build    |
| 9086  | Lavoisier   | Feature | New         | High     | enable refreshing all notifiable caches with one single click                                 |                 | 02/09/2015 12:37 PM | Console  |
| 7461  | Lavoisier   | Feature | New         | High     | add XPath function url()  |                 | 02/17/2015 01:04 PM | Engine   |
| 7460  | Lavoisier   | Feature | New         | High     | support HTTP proxy  |                 | 02/17/2015 01:04 PM |          |
| 47863 | LabInvent   | Feature | New         | High     | *** F - ENTITY - Users  |                 | 11/30/2021 03:43 PM |          |
| 47952 | LabInvent   | Task    | New         | High     | Ecran d'accueil à restructurer  |                 | 11/30/2021 03:43 PM |          |
| 47947 | LabInvent   | Task    | New         | High     | docker only   |                 | 12/13/2021 11:07 AM |          |
| 47942 | LabInvent   | Task    | New         | High     | index (generic)   |                 | 11/30/2021 03:48 PM |          |
| 47937 | LabInvent   | Task    | New         | High     | Read (index & view) (generic ?)   |                 | 11/30/2021 03:48 PM |          |
| 47936 | LabInvent   | Task    | New         | High     | 3-4 - TBO & ARCHIVED  |                 | 11/30/2021 03:43 PM |          |
| 47934 | LabInvent   | Task    | New         | High     | LIFECYCLE (Status) : CREATED => (TBO) => VALIDATED => TBA => ARCHIVED                         |                 | 11/30/2021 03:43 PM |          |
| 47927 | LabInvent   | Task    | New         | High     | A gérer via fichier conf YAML   |                 | 11/30/2021 03:47 PM |          |
| 47926 | LabInvent   | Task    | New         | High     | Instance DEMO docker - à installer sur hyp2 puis sur VM pweb3                                 |                 | 12/13/2021 11:07 AM |          |
| 47914 | LabInvent   | Task    | New         | High     | index (generic)   |                 | 11/30/2021 03:50 PM |          |
| 47912 | LabInvent   | Task    | New         | High     | (VUE) Elements et Helper  |                 | 11/30/2021 03:51 PM |          |
| 47897 | LabInvent   | Task    | New         | High     | *** F - Stats (Users)   |                 | 11/30/2021 03:48 PM |          |
| 47890 | LabInvent   | Task    | New         | High     | Commander (demande achat)   |                 | 01/19/2022 03:48 PM |          |
| 47884 | LabInvent   | Task    | New         | High     | partitionnement par Site (besoin IP21/LMA)  |                 | 11/30/2021 03:43 PM |          |
| 47882 | LabInvent   | Task    | New         | High     | Delete - delete   |                 | 11/30/2021 03:42 PM |          |
| 47881 | LabInvent   | Task    | New         | High     | Read - view   |                 | 11/30/2021 03:42 PM |          |
| 47879 | LabInvent   | Task    | New         | High     | Create/Update - add_edit  |                 | 11/30/2021 03:42 PM |          |
| 47878 | LabInvent   | Task    | New         | High     | Autres  |                 | 11/30/2021 03:44 PM |          |
| 47877 | LabInvent   | Task    | New         | High     | find (search)   |                 | 11/30/2021 03:43 PM |          |
| 47876 | LabInvent   | Task    | New         | High     | CRUD  |                 | 11/30/2021 03:42 PM |          |
| 47872 | LabInvent   | Task    | New         | High     | Actions & Vues  |                 | 11/30/2021 03:42 PM |          |
| 47867 | LabInvent   | Task    | New         | High     | *** F - Autorisations (Users)   |                 | 11/30/2021 03:47 PM |          |
| 44518 | IN2P3-Forge | Bug     | In progress | High     | find-user dialog much slower since migration  | ROUET Jean-René | 05/05/2021 02:28 PM |          |

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| 36236 | IN2P3-Forge  | Support | New         | High     | Synchronisation demandée pour un serveur Mercurial          |                             | 04/13/2021 09:07 AM |                        |
| 113   | ENX          | Bug     | Feedback    | High     | remove reference to T_Result constants                      | Legay Eric                  | 05/16/2011 01:26 PM | Driver Generator       |
| 660   | ENX          | Support | New         | High     | Documentation   | Legay Eric                  | 05/27/2010 10:55 AM | Documentation          |
| 9883  | CLASS        | Bug     | New         | High     | Copy past from user manual                                  |                             | 05/18/2015 10:26 PM |                        |
| 9790  | CLASS        | Feature | New         | High     | neutron & $\gamma$ Spectrum calculation                     |                             | 04/29/2015 12:15 PM |                        |
| 7385  | CLASS        | Feature | New         | High     | GUI developpement   | LENIAU Baptiste             | 04/29/2015 12:15 PM |                        |
| 7380  | CLASS        | Feature | New         | High     | ReactorFacility   | LENIAU Baptiste             | 06/11/2014 11:06 AM |                        |
| 3154  | C3F2         | Bug     | Assigned    | High     | Uniformisation of range and color                           | Lafage Vincent              | 03/25/2016 01:06 AM |                        |
| 1299  | APCScheduler | Feature | New         | High     | Utilisation de python, numpy, scipy, ...                    | Colley Jean-Marc            | 02/10/2011 11:07 AM |                        |
| 5799  | AGATA DAQ    | Feature | New         | High     | ELOG not available from GSI guest network                   | Aubert Yann                 | 01/15/2014 05:54 PM |                        |
| 5736  | AGATA DAQ    | Feature | New         | High     | Would like to have access to GSI printers                   | Aubert Yann                 | 01/06/2014 09:22 AM |                        |
| 5684  | AGATA DAQ    | Support | New         | High     | Hard drive of anode   | Aubert Yann                 | 01/06/2014 09:24 AM |                        |
| 7035  | AGATA DAQ    | Task    | Feedback    | High     | Get end of run magic script                                 | Dosme Nicolas               | 05/06/2014 02:07 PM |                        |
| 48784 | XLDP         | Bug     | New         | Normal   | Jobs en erreurs depuis le 19/01 19h30                       |                             | 01/20/2022 10:12 AM |                        |
| 10498 | TReqS        | Bug     | In progress | Normal   | Mysql Deadlock  |                             | 08/03/2015 08:44 AM |                        |
| 10311 | TReqS        | Bug     | Suspended   | Normal   | Dispatcher create a new queue once the 1st one is activated | Chambon Bernard             | 07/09/2015 03:25 PM |                        |
| 9695  | TReqS        | Bug     | In progress | Normal   | Facing ConcurrentModificationException ?                    | Chambon Bernard             | 04/14/2015 04:12 PM |                        |
| 9558  | TReqS        | Bug     | New         | Normal   | hpss_cache  | Brinette<br>Pierre-Emmanuel | 04/14/2015 04:15 PM |                        |
| 9317  | TReqS        | Bug     | In progress | Normal   | Check scalability   | Chambon Bernard             | 07/09/2015 03:31 PM |                        |
| 9316  | TReqS        | Bug     | In progress | Normal   | Check stability   | Chambon Bernard             | 07/09/2015 03:31 PM |                        |
| 1438  | TReqS        | Bug     | Assigned    | Normal   | Verifier le status des queues dans treqs                    | Brinette<br>Pierre-Emmanuel | 03/24/2015 04:13 PM |                        |
| 37409 | TReqS        | Feature | New         | Normal   | Statistiques sur les queues dans les logs                   |                             | 04/11/2019 01:40 PM |                        |
| 9335  | TReqS        | Feature | Assigned    | Normal   | SIGINT  TERM   HUP  | Chambon Bernard             | 05/06/2015 08:26 AM |                        |
| 520   | TReqS        | Feature | New         | Normal   | Communication entre Serveur et Client sans Base de données  |                             | 03/24/2015 04:37 PM |                        |
| 517   | TReqS        | Feature | New         | Normal   | Outils d'administration pour Treqs                          |                             | 03/24/2015 04:29 PM |                        |
| 516   | TReqS        | Feature | New         | Normal   | Désactiver des queues                                       |                             | 03/24/2015 04:24 PM |                        |
| 416   | TReqS        | Feature | In progress | Normal   | État drainé pour TReqS                                      |                             | 03/24/2015 04:04 PM |                        |
| 10451 | TReqS        | Task    | In progress | Normal   | Deploy treqs on prod instance (cctreqs)                     | Brinette<br>Pierre-Emmanuel | 07/22/2015 03:46 PM | Tests and<br>feedbacks |
| 10296 | TReqS        | Task    | Suspended   | Normal   | Provide monitoring tool based on ES to production           | Chambon Bernard             | 07/10/2015 04:26 PM | Tests and<br>feedbacks |
| 10294 | TReqS        | Task    | New         | Normal   | Deploy treqs on test instance (ccsvli10) for test by PEB    | Brinette<br>Pierre-Emmanuel | 07/15/2015 10:24 AM | Tests and<br>feedbacks |

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| 10061 | TReqS            | Task    | In progress | Normal   | Testing 'stability-fix' branch                       |                          | 07/10/2015 04:31 PM |                         |
| 9550  | TReqS            | Task    | New         | Normal   | client.pl distribution                               | Chambon Bernard          | 03/27/2015 10:22 AM |                         |
| 9548  | TReqS            | Task    | New         | Normal   | Move doc from git project to elsewhere               | Brinette Pierre-Emmanuel | 03/27/2015 09:59 AM | Dev. and build settings |
| 9545  | TReqS            | Task    | In progress | Normal   | Provide CI with jenkins                              |                          | 03/27/2015 11:30 AM |                         |
| 9512  | TReqS            | Task    | New         | Normal   | Change 'jtreqs' keyword to 'treqs'                   | Chambon Bernard          | 03/24/2015 05:50 PM |                         |
| 9325  | TReqS            | Task    | In progress | Normal   | Develop test code related to stability               | Chambon Bernard          | 04/30/2015 11:02 AM |                         |
| 7490  | Topology Manager | Bug     | New         | Normal   | Needed libp42.so.1                                   |                          | 06/19/2014 11:15 PM | Core TM                 |
| 7073  | Topology Manager | Bug     | New         | Normal   | Off on GTS tree                                      |                          | 05/07/2014 04:55 PM | Core TM                 |
| 7046  | Topology Manager | Bug     | New         | Normal   | password hardcoded                                   | Legay Eric               | 05/06/2014 09:54 AM | Core TM                 |
| 7040  | Topology Manager | Bug     | New         | Normal   | Fixing configure                                     |                          | 04/30/2014 03:46 PM | Core TM                 |
| 5780  | Topology Manager | Bug     | Feedback    | Normal   | reopening shared file                                | Grave Xavier             | 01/25/2018 09:18 AM | Core TM                 |
| 7486  | Topology Manager | Feature | New         | Normal   | Modification of information                          |                          | 06/19/2014 02:41 PM | GUI                     |
| 7483  | Topology Manager | Feature | New         | Normal   | Protect modification                                 |                          | 06/19/2014 02:27 PM | GUI                     |
| 7072  | Topology Manager | Feature | Feedback    | Normal   | name main detector                                   | Michelagnoli Caterina    | 05/12/2014 01:59 PM | GUI                     |
| 7037  | Topology Manager | Feature | New         | Normal   | Configuration file for TM                            |                          | 04/30/2014 03:11 PM |                         |
| 7036  | Topology Manager | Feature | New         | Normal   | Adding window to choose experiment                   | Legay Eric               | 04/30/2014 03:12 PM | GUI                     |
| 5726  | Topology Manager | Feature | New         | Normal   | Display  |                          | 01/06/2014 09:21 AM |                         |
| 7041  | Topology Manager | Support | New         | Normal   | Sub repositories ...                                 |                          | 04/30/2014 03:52 PM |                         |
| 7039  | Topology Manager | Support | Feedback    | Normal   | Updating doc   | Legay Eric               | 05/06/2014 01:32 PM | Core TM                 |
| 7044  | Topology Manager | Task    | Feedback    | Normal   | Cleaning mysql stuff                                 | Legay Eric               | 05/06/2014 11:27 AM |                         |
| 1003  | SphereLib        | Bug     | New         | Normal   | ps detection   |                          | 10/15/2010 01:51 PM |                         |
| 755   | SphereLib        | Feature | New         | Normal   | Parallélisation de cat2mask                          |                          | 06/14/2010 04:34 PM |                         |
| 754   | SphereLib        | Feature | New         | Normal   | Parallélisation de la routine apodize_mask           |                          | 06/14/2010 04:33 PM |                         |
| 767   | SphereLib        | Task    | New         | Normal   | Mise au propre des include de la lib                 |                          | 06/16/2010 11:36 AM |                         |
| 742   | SphereLib        | Task    | New         | Normal   | Import des binaires fits                             | Le Jeune Maude           | 06/09/2010 07:24 PM |                         |
| 1561  | Smurf            | Bug     | New         | Normal   | Smurf::RRD does not support "base"                   |                          | 04/13/2011 05:00 PM |                         |
| 5590  | SIMGRID          | Support | Assigned    | Normal   | Create msg_storage_management group in DOXYGEN ?!    | Veyre Pierre             | 11/29/2013 10:20 AM |                         |
| 5267  | SIMGRID          | Task    | Assigned    | Normal   | IO Bench script                                      |                          | 10/07/2013 12:08 AM |                         |
| 5238  | SIMGRID          | Task    | Assigned    | Normal   | Change type parameter for storage_get_size functions | Veyre Pierre             | 10/04/2013 10:03 AM |                         |
| 5237  | SIMGRID          | Task    | Assigned    | Normal   | Update ChangeLog before release                      | Veyre Pierre             | 10/03/2013 10:48 PM |                         |
| 5217  | SIMGRID          | Task    | Assigned    | Normal   | Modify msg_file_t implementation                     | Veyre Pierre             | 10/03/2013 03:45 PM |                         |
| 5213  | SIMGRID          | Task    | Assigned    | Normal   | SIMDAG_storage                                       | Veyre Pierre             | 10/03/2013 11:49 AM |                         |

| #     | Project       | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category  |
|-------|---------------|---------|-------------|----------|---|-------------------|---------------------|-----------|
| 5212  | SIMGRID       | Task    | Assigned    | Normal   | Produce an example for MSG_storage covering all new functionalities   | Veyre Pierre      | 11/29/2013 02:54 PM |           |
| 5211  | SIMGRID       | Task    | Assigned    | Normal   | MSG_STORAGE functions documentation   | Veyre Pierre      | 10/03/2013 11:46 AM |           |
| 5210  | SIMGRID       | Task    | Assigned    | Normal   | Implement Lua bindings for MSG_STORAGE functions  | Veyre Pierre      | 10/03/2013 11:45 AM |           |
| 5209  | SIMGRID       | Task    | Assigned    | Normal   | Java bindings for MSG_STORAGE   | Veyre Pierre      | 10/03/2013 11:44 AM |           |
| 5208  | SIMGRID       | Task    | Assigned    | Normal   | Function prototypes   | Veyre Pierre      | 10/03/2013 11:42 AM |           |
| 8645  | ROD-DASHBOARD | Feature | In progress | Normal   | ROD dashboard: only verify when closing ticket  |                   | 04/21/2021 12:52 PM | Dashboard |
| 186   | RlsngCons     | Feature | New         | Normal   | Flood limit   | Puel Mattieu      | 10/07/2009 01:07 PM |           |
| 53448 | PyROS         | Feature | New         | Normal   | (SF11) ENTITIES (& properties) - definition & implementation & initial data (fixtures)  |                   | 10/07/2022 04:28 PM |           |
| 45484 | PyROS         | Feature | New         | Normal   | **** D5 - Images management (L1-L2)   |                   | 11/09/2022 10:36 AM |           |
| 45481 | PyROS         | Feature | New         | Normal   | **** D2 - Users & Programs  |                   | 09/26/2022 09:23 AM |           |
| 44721 | PyROS         | Feature | New         | Normal   | *** GF4 - QUAL - Quality & Tests - High level tests (integration & functional), plan tests, validation des exigences (qualif)               |                   | 03/16/2022 04:55 PM |           |
| 44661 | PyROS         | Feature | New         | Normal   | *** SF13 - IAF - Images Fetching (quicklook & download)   |                   | 03/15/2022 04:49 PM |           |
| 44659 | PyROS         | Feature | New         | Normal   | *** GF3 - INFRA - Hardware, Operating System, Network, Security & Safety  |                   | 03/16/2022 04:51 PM |           |
| 44584 | PyROS         | Feature | New         | Normal   | *** SF10 - CAL - Calibration (Dark/Bias/Flat)   |                   | 11/09/2022 10:27 AM |           |
| 44514 | PyROS         | Feature | New         | Normal   | *** SF11 - IPC - Images Processing (Grenouille) - (L1)  | Klotz Alain       | 11/09/2022 10:46 AM |           |
| 44165 | PyROS         | Feature | New         | Normal   | *** SF16 - DSH - General monitoring : Dashboard (website)   |                   | 09/26/2022 09:43 AM |           |
| 44164 | PyROS         | Feature | New         | Normal   | *** SF12 - IAN - Images Analysis (Triton)   |                   | 10/04/2022 03:18 PM |           |
| 44163 | PyROS         | Feature | New         | Normal   | *** SF09 - CMC - Command Control - Telescope & Instruments Control & Monitoring (includes DeviceController, AgentDevice, DeviceCmd classes) |                   | 10/03/2022 02:28 PM |           |
| 44160 | PyROS         | Feature | New         | Normal   | *** SF07 - PLN - Observation Sequences Planning & Scheduling  |                   | 10/07/2022 01:36 PM |           |
| 44159 | PyROS         | Feature | New         | Normal   | *** SF03 - ENV - Environment Monitoring (int/ext, observatory & weather)  |                   | 10/03/2022 02:21 PM |           |
| 44158 | PyROS         | Feature | New         | Normal   | *** SF06 - ALR - Alerts Management  |                   | 03/15/2022 04:46 PM |           |
| 44154 | PyROS         | Feature | In progress | Normal   | *** SF02 - SCP - Scientific Programs Management   |                   | 09/26/2022 09:23 AM |           |
| 44153 | PyROS         | Feature | New         | Normal   | *** SF05 - SEQ - Observation Sequences Management   | Koralewski Alexis | 02/23/2022 10:45 AM |           |
| 44150 | PyROS         | Feature | In progress | Normal   | *** SF01 - USR - Users, Roles, and Authorizations Management  |                   | 03/29/2022 09:14 AM |           |
| 53759 | PyROS         | Task    | New         | Normal   | Définition nomenclature images et données (noms fichiers)   |                   | 11/09/2022 10:31 AM |           |
| 53453 | PyROS         | Task    | New         | Normal   | Performance Tests : Tester la vitesse de création des images (nb im/s), la montée en charge, la capacité de la BD à absorber la charge...   |                   | 10/07/2022 04:33 PM |           |

| #     | Project | Tracker | Status | Priority | Subject   | Assigned To | Updated             | Category |
|-------|---------|---------|--------|----------|---|-------------|---------------------|----------|
| 53452 | PyROS   | Task    | New    | Normal   | Agents tests (test mode)  |             | 10/07/2022 04:32 PM |          |
| 53451 | PyROS   | Task    | New    | Normal   | (SF11) TESTS to validate this feature   | Klotz Alain | 10/07/2022 04:32 PM |          |
| 53450 | PyROS   | Task    | New    | Normal   | (SF11) EXIGENCES satisfaites (+ tests mis à jour)   | Klotz Alain | 10/07/2022 04:29 PM |          |
| 53449 | PyROS   | Task    | New    | Normal   | (SF11) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   | Klotz Alain | 10/07/2022 04:29 PM |          |
| 53447 | PyROS   | Task    | New    | Normal   | (SF10) ENTITIES (& properties)  | Klotz Alain | 10/07/2022 04:26 PM |          |
| 53446 | PyROS   | Task    | New    | Normal   | Optimisation : il devrait y en avoir 1 sur chaque pc de chaque camera et chacun fait la recombinaison des 4 images à tour de rôle |             | 10/07/2022 04:21 PM |          |
| 53445 | PyROS   | Task    | New    | Normal   | All methods   |             | 10/07/2022 04:20 PM |          |
| 53444 | PyROS   | Task    | New    | Normal   | CALIBRATION D/B/F   | Klotz Alain | 10/07/2022 04:13 PM |          |
| 53443 | PyROS   | Task    | New    | Normal   | AgentImgsCombinator   |             | 11/09/2022 10:35 AM |          |
| 53442 | PyROS   | Task    | New    | Normal   | AgentImgProcessor concrete subclasses (1 per channel) : AgentImgProcessorTNC_XX - device level (observatory dependant)            | Klotz Alain | 11/09/2022 10:54 AM |          |
| 53441 | PyROS   | Task    | New    | Normal   | AgentImgProcessor superclass (abstract class) - simulation level  | Klotz Alain | 11/09/2022 10:54 AM |          |
| 53438 | PyROS   | Task    | New    | Normal   | CALIBRATION management (CalibrationStrategy section)  |             | 10/07/2022 02:04 PM |          |
| 53437 | PyROS   | Task    | New    | Normal   | Diagnostic de qualité des images de calib   |             | 11/09/2022 10:27 AM |          |
| 53436 | PyROS   | Task    | New    | Normal   | Calcul des paramètres de qualité et mise en DB  |             | 11/09/2022 10:27 AM |          |
| 53435 | PyROS   | Task    | New    | Normal   | Stratégies de calibration   |             | 11/09/2022 10:25 AM |          |
| 53434 | PyROS   | Task    | New    | Normal   | AgentImagesCalibrator   | Klotz Alain | 11/09/2022 10:27 AM |          |
| 53433 | PyROS   | Task    | New    | Normal   | Guitastro - Développement Outils dédiés dans guitastro  | Klotz Alain | 10/07/2022 03:50 PM |          |
| 53432 | PyROS   | Task    | New    | Normal   | Ecriture fichier pickle de toutes les positions sun/moon pour une Periode donnée  |             | 10/07/2022 01:40 PM |          |
| 53431 | PyROS   | Task    | New    | Normal   | Lecture fichier pickle  |             | 10/07/2022 01:40 PM |          |
| 53430 | PyROS   | Task    | New    | Normal   | Ecriture fichier pickle d'une sequence  |             | 10/07/2022 01:40 PM |          |
| 53429 | PyROS   | Task    | New    | Normal   | 3 - Génération du planning dans la BD   |             | 10/07/2022 01:37 PM |          |
| 53428 | PyROS   | Task    | New    | Normal   | Codage (source code)  |             | 10/07/2022 01:36 PM |          |
| 53427 | PyROS   | Task    | New    | Normal   | 1 - Get list of SEQ to be planned + fichiers pickle   |             | 10/07/2022 01:42 PM |          |
| 53426 | PyROS   | Task    | New    | Normal   | Other parts   |             | 10/07/2022 01:33 PM |          |
| 53425 | PyROS   | Task    | New    | Normal   | (Sur validation d'une sequence SF05) Pré-calcul des trajectoires de la nuit pour chaque séquence                                  | Klotz Alain | 10/07/2022 01:34 PM |          |
| 53424 | PyROS   | Task    | New    | Normal   | Guitastro - Développement Outils dédiés dans guitastro  | Klotz Alain | 10/07/2022 01:39 PM |          |
| 53381 | PyROS   | Task    | New    | Normal   | AgentTriton class (specialized subclass)  |             | 10/04/2022 03:15 PM |          |
| 53380 | PyROS   | Task    | New    | Normal   | AgentMCO class (specialized subclass)   |             | 10/04/2022 03:19 PM |          |



| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category  |
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| 53379 | PyROS   | Task    | New         | Normal   | (VIEW) Dedicated web page   |                   | 10/04/2022 08:58 AM |           |
| 53377 | PyROS   | Task    | New         | Normal   | Agent MCO (MCO for TNC/CNES)  |                   | 10/04/2022 09:15 AM |           |
| 53376 | PyROS   | Task    | New         | Normal   | L1c image type  |                   | 10/04/2022 08:53 AM |           |
| 53375 | PyROS   | Task    | New         | Normal   | (SF12) EXIGENCES satisfaites (+ tests mis à jour)   |                   | 10/03/2022 04:22 PM |           |
| 53374 | PyROS   | Task    | New         | Normal   | (SF12) TESTS to validate this feature   |                   | 10/03/2022 04:22 PM |           |
| 53373 | PyROS   | Task    | New         | Normal   | (SF12) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation                   |                   | 10/03/2022 04:22 PM |           |
| 53372 | PyROS   | Task    | New         | Normal   | (SF12) ENTITIES (& properties) to be defined  |                   | 10/03/2022 04:23 PM |           |
| 53370 | PyROS   | Task    | New         | Normal   | Triton.exe CNES binary & config file integration  |                   | 10/04/2022 03:12 PM |           |
| 53368 | PyROS   | Task    | New         | Normal   | Agent Triton (TNC/CNES image processing & analysis)   |                   | 10/04/2022 03:13 PM |           |
| 53367 | PyROS   | Task    | New         | Normal   | AgentImgAnalyzer base class (abstract)  |                   | 10/04/2022 03:18 PM |           |
| 53364 | PyROS   | Task    | New         | Normal   | AGENT AgentScheduler (based on Agent class)   |                   | 10/07/2022 01:37 PM |           |
| 53359 | PyROS   | Task    | New         | Normal   | COMMAND (Agent level) - AgentCmd base class   | Pallier Etienne   | 10/03/2022 02:31 PM |           |
| 53358 | PyROS   | Task    | New         | Normal   | Exceptions management   |                   | 10/03/2022 02:25 PM |           |
| 53357 | PyROS   | Task    | New         | Normal   | Compute & Save synthesis data (for Majordome decision)  |                   | 10/03/2022 02:16 PM |           |
| 53356 | PyROS   | Task    | In progress | Normal   | Compute & Save synthesis data (for Majordome decision)  |                   | 10/03/2022 02:22 PM |           |
| 53355 | PyROS   | Task    | New         | Normal   | Show history data   |                   | 10/03/2022 02:12 PM |           |
| 53354 | PyROS   | Task    | New         | Normal   | Show current data   |                   | 10/03/2022 02:11 PM |           |
| 53350 | PyROS   | Task    | New         | Normal   | INSIDE environment (observatory) management   |                   | 10/03/2022 02:16 PM |           |
| 53349 | PyROS   | Task    | New         | Normal   | OUTSIDE environment (weather) management  |                   | 10/03/2022 02:21 PM |           |
| 53341 | PyROS   | Task    | In progress | Normal   | PYROS stop  | Koralewski Alexis | 10/03/2022 12:36 PM |           |
| 53340 | PyROS   | Task    | In progress | Normal   | PYROS start (newstart)  | Koralewski Alexis | 10/03/2022 10:52 AM |           |
| 53339 | PyROS   | Task    | New         | Normal   | (View) Page web dédiée à cet agent  |                   | 10/03/2022 09:58 AM |           |
| 53338 | PyROS   | Task    | New         | Normal   | Lancement automatique des super agents SST de chaque noeud pyros (selon configuration observatoire)         |                   | 10/03/2022 09:56 AM |           |
| 53336 | PyROS   | Task    | In progress | Normal   | (View) Page web dédiée à cet agent  | Koralewski Alexis | 10/03/2022 10:53 AM |           |
| 53334 | PyROS   | Task    | New         | Normal   | Ansible - IT automation tool (outil gestion conf) - gestion architecture décentralisée sur plusieurs noeuds |                   | 10/03/2022 10:42 AM |           |
| 51514 | PyROS   | Task    | New         | Normal   | LOG   |                   | 06/29/2022 07:37 AM |           |
| 51513 | PyROS   | Task    | New         | Normal   | General algorithm (ternary mode, status, routine processing, commands processing, exceptions dealing)       | Pallier Etienne   | 06/29/2022 07:37 AM |           |
| 51508 | PyROS   | Task    | New         | Normal   | AgentMajordome (based on Agent)   | Koralewski Alexis | 06/29/2022 07:31 AM |           |
| 51506 | PyROS   | Task    | In progress | Normal   | MAJORDOME agent (supervisor, conductor) - AgentMajordome  | Koralewski Alexis | 10/03/2022 02:32 PM | Evolution |
| 49890 | PyROS   | Task    | New         | Normal   | Global Start & Stop (safe)  |                   | 03/16/2022 04:52 PM |           |

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|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 49889 | PyROS   | Task    | New         | Normal   | Backup  |                   | 03/16/2022 04:49 PM |          |
| 49888 | PyROS   | Task    | New         | Normal   | Firewall  |                   | 03/16/2022 04:48 PM |          |
| 49887 | PyROS   | Task    | New         | Normal   | Hardware  |                   | 03/16/2022 04:47 PM |          |
| 49886 | PyROS   | Task    | New         | Normal   | System watch (Nagios, ...)  |                   | 03/16/2022 04:47 PM |          |
| 49885 | PyROS   | Task    | New         | Normal   | Network   |                   | 03/16/2022 04:46 PM |          |
| 49876 | PyROS   | Task    | New         | Normal   | Guitastro integration   |                   | 03/16/2022 07:28 AM |          |
| 49875 | PyROS   | Task    | New         | Normal   | (classic) Installation Guitastro & dependencies   |                   | 03/16/2022 07:27 AM |          |
| 49874 | PyROS   | Task    | New         | Normal   | (docker) Installation Guitastro & dependencies  |                   | 06/28/2022 10:11 PM |          |
| 49872 | PyROS   | Task    | New         | Normal   | Restauration de la config par défaut  |                   | 03/15/2022 11:10 PM |          |
| 49871 | PyROS   | Task    | New         | Normal   | Config par défaut (à définir)   |                   | 03/15/2022 11:11 PM |          |
| 49870 | PyROS   | Task    | New         | Normal   | Config générale : logo, pagination, couleurs, options générales, options par feature, ... |                   | 03/15/2022 11:11 PM |          |
| 49546 | PyROS   | Task    | In progress | Normal   | Documentation (pyros_api)   | Koralewski Alexis | 02/24/2022 02:33 PM |          |
| 49545 | PyROS   | Task    | In progress | Normal   | Script development (pyros_api)  | Koralewski Alexis | 02/24/2022 02:33 PM |          |
| 49543 | PyROS   | Task    | New         | Normal   | Users View (list & 1)   |                   | 02/23/2022 06:06 PM |          |
| 49541 | PyROS   | Task    | New         | Normal   | API REST (website scripting via pyros_api.py script)                                      | Koralewski Alexis | 06/29/2022 07:26 AM |          |
| 49478 | PyROS   | Task    | New         | Normal   | Test  | Koralewski Alexis | 02/22/2022 12:25 PM |          |
| 49272 | PyROS   | Task    | In progress | Normal   | Tooltips  | Koralewski Alexis | 02/17/2022 01:59 PM |          |
| 49262 | PyROS   | Task    | In progress | Normal   | Sequence Validation   |                   | 02/03/2022 02:50 PM |          |
| 49258 | PyROS   | Task    | In progress | Normal   | from IMPORT (upload) Seq (from yaml file)   | Koralewski Alexis | 02/23/2022 12:02 PM |          |
| 49253 | PyROS   | Task    | New         | Normal   | READ 1 & list   |                   | 02/21/2022 03:21 PM |          |
| 49252 | PyROS   | Task    | New         | Normal   | WEB FORM  |                   | 02/17/2022 01:59 PM |          |
| 49251 | PyROS   | Task    | New         | Normal   | Test  | Koralewski Alexis | 02/22/2022 02:59 PM |          |
| 49250 | PyROS   | Task    | New         | Normal   | CREATE/UPDATE Sequence  |                   | 02/23/2022 12:02 PM |          |
| 49249 | PyROS   | Task    | In progress | Normal   | General Menu for this feature   |                   | 02/03/2022 09:39 AM |          |
| 49247 | PyROS   | Task    | New         | Normal   | State diagram (doc)   |                   | 02/03/2022 09:34 AM |          |
| 49246 | PyROS   | Task    | New         | Normal   | Sequence Lifecycle (status)   |                   | 02/03/2022 09:34 AM |          |
| 49228 | PyROS   | Task    | In progress | Normal   | Correction de l'orientation de l'image (est à gauche, nord en haut)                       | Klotz Alain       | 02/02/2022 02:56 PM |          |
| 49227 | PyROS   | Task    | New         | Normal   | Corrections cosmétiques (de pixels)   | Klotz Alain       | 11/09/2022 10:36 AM |          |
| 49226 | PyROS   | Task    | In progress | Normal   | Correction/Calibration de l'image par le FLAT   | Klotz Alain       | 10/07/2022 04:13 PM |          |
| 49225 | PyROS   | Task    | In progress | Normal   | Correction/Calibration de l'image par le DARK (+ BIAS)                                    | Klotz Alain       | 10/07/2022 04:13 PM |          |
| 49224 | PyROS   | Task    | New         | Normal   | Choisir le bias, le flat, et le dark (en fn des metadata)                                 | Klotz Alain       | 02/02/2022 02:19 PM |          |
| 49223 | PyROS   | Task    | In progress | Normal   | Groupes   | Klotz Alain       | 11/09/2022 10:35 AM |          |

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|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 49221 | PyROS   | Task    | In progress | Normal   | Recup metadata de l'image (dans la BD)   | Klotz Alain       | 02/02/2022 02:38 PM |          |
| 49220 | PyROS   | Task    | In progress | Normal   | Récup en-tête  | Klotz Alain       | 02/02/2022 02:38 PM |          |
| 49219 | PyROS   | Task    | In progress | Normal   | Nouvelle image   | Klotz Alain       | 02/02/2022 02:38 PM |          |
| 49218 | PyROS   | Task    | In progress | Normal   | Détection des nouvelles images produites (système asynchrone sur l'acquisition)  | Klotz Alain       | 02/02/2022 02:38 PM |          |
| 49217 | PyROS   | Task    | New         | Normal   | 5 - (L2) Critères de qualité d'image (+ json QUAL)   | Klotz Alain       | 02/02/2022 02:37 PM |          |
| 49216 | PyROS   | Task    | New         | Normal   | 4 - (L1c) - Combinaison d'images et finalisation critères de qualité   | Klotz Alain       | 11/09/2022 10:44 AM |          |
| 49215 | PyROS   | Task    | In progress | Normal   | 3 - (L1b) - WCS - Reconnaissance du champ (lien entre pixels et coord célestes) et analyse qualité ( + json CATA)  | Klotz Alain       | 11/09/2022 10:43 AM |          |
| 49214 | PyROS   | Task    | In progress | Normal   | 2 - (L1a) - Pré-traitement de chaque image (dans l'ordre) (fits RAW => fits CAL) : corrections (pixels modifiés + mise à jour header), calibrations D/B/F et orientation | Klotz Alain       | 11/09/2022 10:36 AM |          |
| 49213 | PyROS   | Task    | In progress | Normal   | 1 - (L0) - Récupération et organisation des images L0 (RAW fits)   | Klotz Alain       | 11/09/2022 10:35 AM |          |
| 49210 | PyROS   | Task    | New         | Normal   | CONFIGURATION GENERALE   |                   | 03/15/2022 11:11 PM |          |
| 49162 | PyROS   | Task    | New         | Normal   | Check sequence validity  | Klotz Alain       | 02/03/2022 10:23 AM |          |
| 49157 | PyROS   | Task    | New         | Normal   | AgentHyperSST - Hyper Agent général qui démarre et surveille l'ensemble des Super agents SST sur chaque noeud  | Koralewski Alexis | 10/03/2022 10:51 AM |          |
| 49156 | PyROS   | Task    | New         | Normal   | AgentSST (Start&Stop) - Super Agent qui démarre et stoppe les agents du noeud pyros dont il est responsable, et surveille leur bonne santé (les relance si besoin)       | Koralewski Alexis | 10/03/2022 10:53 AM |          |
| 49152 | PyROS   | Task    | New         | Normal   | START & STOP software (commandes start/newstart et stop)   |                   | 10/03/2022 10:52 AM |          |
| 49137 | PyROS   | Task    | New         | Normal   | Guitastro - Développement Outils dédiés dans guitastro   | Klotz Alain       | 10/07/2022 04:00 PM |          |
| 49136 | PyROS   | Task    | New         | Normal   | GF03-INFRA - Logging integration (general logs & agents)   |                   | 06/29/2022 07:25 AM |          |
| 49135 | PyROS   | Task    | In progress | Normal   | SF15-SST integration (agents, start, stop, commands)   |                   | 09/26/2022 09:40 AM |          |
| 49133 | PyROS   | Task    | New         | Normal   | SF13-IAF integration   |                   | 01/29/2022 12:47 AM |          |
| 49132 | PyROS   | Task    | New         | Normal   | SF12-IAN integration   |                   | 01/29/2022 12:48 AM |          |
| 49131 | PyROS   | Task    | New         | Normal   | SF11-IPC integration   |                   | 01/29/2022 12:46 AM |          |
| 49130 | PyROS   | Task    | New         | Normal   | SF10-CAL integration   |                   | 01/29/2022 12:46 AM |          |
| 49129 | PyROS   | Task    | New         | Normal   | SF09-CMC integration   |                   | 01/29/2022 12:46 AM |          |
| 49128 | PyROS   | Task    | New         | Normal   | SF08-EXE integration   |                   | 01/29/2022 12:45 AM |          |
| 49127 | PyROS   | Task    | New         | Normal   | SF07-PLN integration   |                   | 01/29/2022 12:45 AM |          |
| 49126 | PyROS   | Task    | New         | Normal   | SF06-ALR integration   |                   | 01/29/2022 12:45 AM |          |
| 49125 | PyROS   | Task    | New         | Normal   | SF05-SEQ integration   |                   | 03/15/2022 11:03 PM |          |
| 49124 | PyROS   | Task    | New         | Normal   | SF04-SPV integration (AgentMajordome)  |                   | 06/29/2022 07:21 AM |          |

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|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 49123 | PyROS   | Task    | New         | Normal   | SF03-ENV integration  |                   | 06/29/2022 07:20 AM |          |
| 49122 | PyROS   | Task    | New         | Normal   | SF02-SCP integration  |                   | 01/29/2022 12:50 AM |          |
| 49121 | PyROS   | Task    | New         | Normal   | SF01-USR integration  |                   | 01/29/2022 12:50 AM |          |
| 49120 | PyROS   | Task    | New         | Normal   | General Design (structure, design, responsive, CSS)                                     |                   | 06/29/2022 07:18 AM |          |
| 48307 | PyROS   | Task    | New         | Normal   | Send, Receive, and Process Commands (Agent <=> Agent)                                   |                   | 06/29/2022 07:33 AM |          |
| 48290 | PyROS   | Task    | New         | Normal   | Auto mode   |                   | 12/14/2021 12:35 PM |          |
| 48289 | PyROS   | Task    | New         | Normal   | Entity (AgentDevice class)  |                   | 12/14/2021 12:32 PM |          |
| 48288 | PyROS   | Task    | New         | Normal   | Entity (DeviceController class)   |                   | 12/14/2021 12:31 PM |          |
| 48285 | PyROS   | Task    | New         | Normal   | Lancement auto et gestion du DeviceController associé                                   |                   | 12/14/2021 12:22 PM |          |
| 48284 | PyROS   | Task    | New         | Normal   | Lancement auto et gestion des Components associés (qui sont aussi des DeviceController) |                   | 12/14/2021 12:20 PM |          |
| 48279 | PyROS   | Task    | New         | Normal   | General LOGGING (fichiers texte, écran en mode debug)                                   |                   | 03/16/2022 04:45 PM |          |
| 48276 | PyROS   | Task    | New         | Normal   | Scripts d'installation docker   |                   | 12/14/2021 11:44 AM |          |
| 48275 | PyROS   | Task    | New         | Normal   | version PROD TNC Nouvelle Calédonie - instance docker de production sur site final      |                   | 12/14/2021 11:42 AM |          |
| 48274 | PyROS   | Task    | New         | Normal   | version TEST TNC France - instance docker de test en France                             |                   | 12/14/2021 11:42 AM |          |
| 48273 | PyROS   | Task    | New         | Normal   | version DEV gitalens - instance docker sur serveur gitalens                             |                   | 12/14/2021 11:46 AM |          |
| 48270 | PyROS   | Task    | New         | Normal   | SCRIPT INSTALL/UPDATE (PYROS/pyros.py) (uniquement pour la partie install & update)     |                   | 02/23/2022 05:57 PM |          |
| 48259 | PyROS   | Task    | In progress | Normal   | EXPORT (Download) as a text file (YAML)   | Koralewski Alexis | 02/23/2022 10:45 AM |          |
| 48250 | PyROS   | Task    | In progress | Normal   | DELETE  | Koralewski Alexis | 02/21/2022 03:38 PM |          |
| 47447 | PyROS   | Task    | New         | Normal   | (F05) ACTIONS (CRUD), VIEWS, and AUTHORIZATIONS   |                   | 02/23/2022 10:45 AM |          |
| 47446 | PyROS   | Task    | New         | Normal   | DOSSIER SSI   |                   | 10/11/2021 11:32 AM |          |
| 47445 | PyROS   | Task    | New         | Normal   | CAHIER DE RECETTE (NC)  |                   | 10/11/2021 11:31 AM |          |
| 47444 | PyROS   | Task    | New         | Normal   | MANUELS UTILISATION, INSTALLATION, ET MAINTENANCE                                       |                   | 10/11/2021 11:31 AM |          |
| 47443 | PyROS   | Task    | New         | Normal   | RAPPORT DES TESTS & VALIDATIONS (application du plan de test)                           |                   | 10/11/2021 11:31 AM |          |
| 47442 | PyROS   | Task    | New         | Normal   | PLAN DE TESTS ET DE VALIDATIONS   |                   | 10/11/2021 11:33 AM |          |
| 47441 | PyROS   | Task    | New         | Normal   | DOSSIER DE DÉFINITION   |                   | 10/11/2021 11:32 AM |          |
| 47440 | PyROS   | Task    | New         | Normal   | LIVRABLES   |                   | 10/11/2021 11:29 AM |          |
| 47439 | PyROS   | Task    | New         | Normal   | PA et PK CNES   |                   | 01/31/2022 11:29 AM |          |
| 47438 | PyROS   | Task    | New         | Normal   | PK5 (2023-06) - Doc LIVRABLES (et Présentations)  |                   | 10/11/2021 11:26 AM |          |
| 47437 | PyROS   | Task    | New         | Normal   | PA4.1 (2023-05) - Présentations et Rapport Avancement                                   |                   | 10/11/2021 11:25 AM |          |
| 47436 | PyROS   | Task    | New         | Normal   | PK4 (2023-02) - Doc LIVRABLES (et Présentations)  |                   | 10/11/2021 11:23 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 47435 | PyROS   | Task    | New         | Normal   | PA3.2 (2023-02) - Présentations et Rapport Avancement                                    |                   | 10/11/2021 11:22 AM |          |
| 47433 | PyROS   | Task    | New         | Normal   | PA3.1 (2023-01) - Présentations et Rapport Avancement                                    |                   | 10/11/2021 11:22 AM |          |
| 47432 | PyROS   | Task    | New         | Normal   | PK3 (2023-01) - Doc LIVRABLES (et Présentations)   |                   | 10/11/2021 11:20 AM |          |
| 47431 | PyROS   | Task    | New         | Normal   | PA2.2 (2022-10) - Présentations et Rapport Avancement                                    |                   | 10/11/2021 11:19 AM |          |
| 47430 | PyROS   | Task    | New         | Normal   | PA2.1 (2022-08) - Présentations et Rapport Avancement                                    |                   | 10/11/2021 11:18 AM |          |
| 47428 | PyROS   | Task    | New         | Normal   | PK2 (2022-06) - Présentations + RA + Doc LIVRABLES                                       |                   | 01/31/2022 11:34 AM |          |
| 47419 | PyROS   | Task    | New         | Normal   | F16 FUNCTIONAL Tests   |                   | 10/11/2021 10:11 AM |          |
| 47418 | PyROS   | Task    | New         | Normal   | F15 FUNCTIONAL Tests   |                   | 10/11/2021 10:11 AM |          |
| 47416 | PyROS   | Task    | New         | Normal   | F13 FUNCTIONAL Tests   |                   | 10/11/2021 10:11 AM |          |
| 47415 | PyROS   | Task    | New         | Normal   | F12 FUNCTIONAL Tests   |                   | 10/11/2021 10:11 AM |          |
| 47414 | PyROS   | Task    | New         | Normal   | F11 FUNCTIONAL Tests   |                   | 10/11/2021 10:10 AM |          |
| 47413 | PyROS   | Task    | New         | Normal   | F10 FUNCTIONAL Tests   |                   | 10/11/2021 10:10 AM |          |
| 47412 | PyROS   | Task    | In progress | Normal   | F09 Tests  |                   | 10/12/2021 03:01 PM |          |
| 47411 | PyROS   | Task    | New         | Normal   | F08 FUNCTIONAL Tests   |                   | 10/11/2021 10:10 AM |          |
| 47410 | PyROS   | Task    | New         | Normal   | F07 FUNCTIONAL Tests   |                   | 10/11/2021 10:10 AM |          |
| 47409 | PyROS   | Task    | New         | Normal   | F06 FUNCTIONAL Tests   |                   | 10/11/2021 10:10 AM |          |
| 47408 | PyROS   | Task    | In progress | Normal   | F05 Tests  |                   | 10/12/2021 03:00 PM |          |
| 47407 | PyROS   | Task    | In progress | Normal   | F04 Tests  |                   | 10/12/2021 03:00 PM |          |
| 47406 | PyROS   | Task    | In progress | Normal   | F03 Tests  |                   | 10/12/2021 03:00 PM |          |
| 47405 | PyROS   | Task    | In progress | Normal   | F02 Tests  |                   | 10/12/2021 02:59 PM |          |
| 47403 | PyROS   | Task    | New         | Normal   | HIGH LEVEL FUNCTION TESTS - Transversal functionalities TESTs involving several features |                   | 10/11/2021 10:08 AM |          |
| 47402 | PyROS   | Task    | New         | Normal   | INTEGRATION TESTS - FEATURES integration tests with each other                           |                   | 10/11/2021 10:07 AM |          |
| 47401 | PyROS   | Task    | New         | Normal   | FUNCTIONAL TESTS - Each FEATURE functional tests   |                   | 10/11/2021 11:42 AM |          |
| 47393 | PyROS   | Task    | New         | Normal   | Device Config file (cf F14)  |                   | 12/14/2021 12:33 PM |          |
| 47392 | PyROS   | Task    | New         | Normal   | Device Commands Grammar (Generic & Native)   |                   | 12/14/2021 12:32 PM |          |
| 47391 | PyROS   | Task    | New         | Normal   | Device Simulator (DeviceSimulator)   |                   | 12/14/2021 12:32 PM |          |
| 47390 | PyROS   | Task    | New         | Normal   | Device Agent (AgentDevice) (de type Agent)   |                   | 12/14/2021 12:32 PM |          |
| 47389 | PyROS   | Task    | New         | Normal   | Device Controller (DeviceController)   |                   | 12/14/2021 12:29 PM |          |
| 47387 | PyROS   | Task    | New         | Normal   | (F14) CRUD config  |                   | 10/03/2022 02:59 PM |          |
| 47386 | PyROS   | Task    | New         | Normal   | (F03) Initial data (fixture)   |                   | 12/15/2021 07:32 AM |          |
| 47375 | PyROS   | Task    | New         | Normal   | Association quota SP   |                   | 10/11/2021 10:37 AM |          |
| 47368 | PyROS   | Task    | In progress | Normal   | CRUD Scientific Theme  | Koralewski Alexis | 10/11/2021 10:01 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 46790 | PyROS   | Task    | New         | Normal   | F16 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/26/2022 09:43 AM |          |
| 46789 | PyROS   | Task    | New         | Normal   | F15 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/14/2021 02:47 PM |          |
| 46788 | PyROS   | Task    | New         | Normal   | (F14) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 01/29/2022 01:24 AM |          |
| 46787 | PyROS   | Task    | New         | Normal   | (F09) REQUIREMENTS validated (+ tests updated)                                    |                   | 12/14/2021 12:18 PM |          |
| 46786 | PyROS   | Task    | New         | Normal   | F08 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/14/2021 02:45 PM |          |
| 46785 | PyROS   | Task    | New         | Normal   | (SF07) EXIGENCES satisfaites (+ tests mis à jour)                                 |                   | 10/03/2022 03:10 PM |          |
| 46783 | PyROS   | Task    | New         | Normal   | F04 - EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 09/14/2021 02:43 PM |          |
| 46782 | PyROS   | Task    | New         | Normal   | (F03) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 10/03/2022 02:41 PM |          |
| 46781 | PyROS   | Task    | New         | Normal   | (F02) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 01/29/2022 01:27 AM |          |
| 46780 | PyROS   | Task    | New         | Normal   | (F01) EXIGENCES satisfaites (+ tests mis à jour)                                  |                   | 10/08/2021 06:01 PM |          |
| 45818 | PyROS   | Task    | New         | Normal   | (F14) TESTS to validate this feature  |                   | 08/09/2021 10:43 AM |          |
| 45816 | PyROS   | Task    | New         | Normal   | SP Delete   |                   | 10/28/2021 08:35 AM |          |
| 45815 | PyROS   | Task    | New         | Normal   | test_SCP_manage_quota   |                   | 09/22/2021 04:47 PM |          |
| 45811 | PyROS   | Task    | New         | Normal   | SP update   |                   | 11/03/2021 09:16 AM |          |
| 45810 | PyROS   | Task    | New         | Normal   | SP Read (view list and view 1)  |                   | 10/27/2021 02:47 PM |          |
| 45809 | PyROS   | Task    | New         | Normal   | SP Create   |                   | 10/27/2021 08:42 AM |          |
| 45799 | PyROS   | Task    | New         | Normal   | Execute TESTS on commit/push (new script PUSH)                                    | Pallier Etienne   | 07/19/2021 08:54 AM |          |
| 45791 | PyROS   | Task    | New         | Normal   | PA1.1 (2022-03) - Présentations et Rapport Avancement                             |                   | 10/11/2021 11:14 AM |          |
| 45790 | PyROS   | Task    | New         | Normal   | PK1 (2022-01) - Présentations + RA + Doc LIVRABLES                                |                   | 01/31/2022 11:33 AM |          |
| 45781 | PyROS   | Task    | In progress | Normal   | Documentation et Présentations pour les PA et PK CNES                             |                   | 01/31/2022 11:32 AM |          |
| 45776 | PyROS   | Task    | New         | Normal   | Test User Delete  |                   | 08/13/2021 01:46 PM |          |
| 45772 | PyROS   | Task    | New         | Normal   | Test User Read (view list and view 1)   |                   | 08/13/2021 01:51 PM |          |
| 45766 | PyROS   | Task    | New         | Normal   | Test User Update  |                   | 08/13/2021 01:53 PM |          |
| 45762 | PyROS   | Task    | New         | Normal   | Test User Connexion   |                   | 08/13/2021 01:55 PM |          |
| 45761 | PyROS   | Task    | New         | Normal   | Test User Create (registration)   |                   | 08/13/2021 01:54 PM |          |
| 45756 | PyROS   | Task    | New         | Normal   | QUOTA & PRIO - Gestion du quota et de la priorité                                 |                   | 10/11/2021 10:35 AM |          |
| 45753 | PyROS   | Task    | In progress | Normal   | Public visibility : gérer les champs publics                                      | Koralewski Alexis | 10/07/2021 12:49 PM |          |
| 45749 | PyROS   | Task    | In progress | Normal   | Gérer le retrait et le retour d'un device (panne, désactiver/réactiver un device) |                   | 08/09/2021 10:42 AM |          |
| 45748 | PyROS   | Task    | New         | Normal   | Définir Accesseurs (getX())   |                   | 01/29/2022 01:21 AM |          |
| 45556 | PyROS   | Task    | New         | Normal   | User activation/deactivation  |                   | 06/25/2021 08:18 AM |          |
| 45555 | PyROS   | Task    | In progress | Normal   | CRUD Time Periods   | Koralewski Alexis | 09/07/2021 08:58 AM |          |
| 45552 | PyROS   | Task    | New         | Normal   | General configuration integration   |                   | 03/15/2022 11:15 PM |          |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 45550 | PyROS   | Task    | New         | Normal   | Users View & Export  | Koralewski Alexis | 03/29/2022 09:14 AM |          |
| 45346 | PyROS   | Task    | New         | Normal   | (F10) ENTITIES - Initial data (fixture)  |                   | 10/07/2022 04:26 PM |          |
| 45340 | PyROS   | Task    | New         | Normal   | INITIAL DATA (fixtures)  | Koralewski Alexis | 12/14/2021 12:09 PM |          |
| 45337 | PyROS   | Task    | In progress | Normal   | Description du Site (horizon + home)   | Klotz Alain       | 10/11/2021 10:42 AM |          |
| 45336 | PyROS   | Task    | In progress | Normal   | SCHEMA FILES - Fichiers schema pour valider la config                                    | Koralewski Alexis | 10/11/2021 10:43 AM |          |
| 45295 | PyROS   | Task    | New         | Normal   | Create DARK files (acquisition)  |                   | 05/27/2021 11:22 AM |          |
| 45294 | PyROS   | Task    | New         | Normal   | Create BIAS files (acquisition)  |                   | 05/27/2021 11:22 AM |          |
| 45293 | PyROS   | Task    | New         | Normal   | Create FLAT files (acquisition)  |                   | 05/27/2021 11:21 AM |          |
| 45292 | PyROS   | Task    | New         | Normal   | (F10) TESTS to validate this feature   |                   | 05/27/2021 11:11 AM |          |
| 45291 | PyROS   | Task    | New         | Normal   | (F10) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation |                   | 06/08/2021 08:19 AM |          |
| 45290 | PyROS   | Task    | New         | Normal   | (F10) ENTITIES - definition & implementation   |                   | 10/07/2022 04:25 PM |          |
| 45051 | PyROS   | Task    | New         | Normal   | Implémenter le protocole Indi avec une classe DeviceControllerIndi                       |                   | 05/06/2021 05:05 PM |          |
| 45050 | PyROS   | Task    | In progress | Normal   | Test caméra du TNC (FLI)   | Klotz Alain       | 07/16/2021 09:34 AM |          |
| 45049 | PyROS   | Task    | New         | Normal   | CAMERA FLI   |                   | 07/16/2021 09:34 AM |          |
| 45048 | PyROS   | Task    | New         | Normal   | HARDWARE DEVICES definition, test, config, management                                    |                   | 10/08/2021 05:51 PM |          |
| 45047 | PyROS   | Task    | New         | Normal   | Piloter le telescope en mode manuel depuis le Dashboard                                  | Pallier Etienne   | 12/14/2021 12:34 PM |          |
| 45046 | PyROS   | Task    | New         | Normal   | Manual mode  |                   | 12/14/2021 12:34 PM |          |
| 45044 | PyROS   | Task    | In progress | Normal   | CRUD des autres entités (Institutes, Time Periods, Scientific Theme)                     | Koralewski Alexis | 10/11/2021 10:01 AM |          |
| 45041 | PyROS   | Task    | New         | Normal   | Pouvoir télécharger zip ou faire clone depuis gitlab sans se connecter                   | Pallier Etienne   | 05/06/2021 04:05 PM |          |
| 45037 | PyROS   | Task    | In progress | Normal   | Algo   | Klotz Alain       | 10/07/2022 01:37 PM |          |
| 45035 | PyROS   | Task    | New         | Normal   | Resilience (failure tolerance)   |                   | 05/06/2021 12:58 PM |          |
| 45034 | PyROS   | Task    | New         | Normal   | Resilience (failure tolerance)   |                   | 05/06/2021 12:58 PM |          |
| 45005 | PyROS   | Task    | In progress | Normal   | (R)EAD config  | Koralewski Alexis | 10/03/2022 02:59 PM |          |
| 45003 | PyROS   | Task    | New         | Normal   | Config Read & View   | Koralewski Alexis | 08/09/2021 10:43 AM |          |
| 44999 | PyROS   | Task    | New         | Normal   | Execution  |                   | 12/14/2021 12:35 PM |          |
| 44998 | PyROS   | Task    | New         | Normal   | Monitoring : Check & log continuously instrument (or telescope) status                   |                   | 12/14/2021 12:33 PM |          |
| 44997 | PyROS   | Task    | New         | Normal   | Start & Stop   |                   | 12/14/2021 12:33 PM |          |
| 44995 | PyROS   | Task    | New         | Normal   | (F09) TESTS to validate this feature   |                   | 10/08/2021 05:45 PM |          |
| 44994 | PyROS   | Task    | New         | Normal   | (F09) AUTHORIZATIONS for this feature (who can do what) : doc & implem.                  |                   | 12/14/2021 12:15 PM |          |

| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 44993 | PyROS   | Task    | New         | Normal   | (F09) ENTITIES definition & implementation   |                   | 12/14/2021 12:33 PM |          |
| 44992 | PyROS   | Task    | New         | Normal   | Switch modes between Automatic and Manual mode   |                   | 05/04/2021 12:31 PM |          |
| 44991 | PyROS   | Task    | New         | Normal   | Execution  |                   | 05/04/2021 12:30 PM |          |
| 44990 | PyROS   | Task    | New         | Normal   | Monitoring : Check & log continuously Telescope and instruments status, and make a general synthesis                                 |                   | 05/04/2021 12:30 PM |          |
| 44989 | PyROS   | Task    | New         | Normal   | Start & Stop   |                   | 05/04/2021 12:29 PM |          |
| 44988 | PyROS   | Task    | New         | Normal   | TESTS to validate this feature   |                   | 05/04/2021 12:26 PM |          |
| 44987 | PyROS   | Task    | New         | Normal   | (F08) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   |                   | 06/08/2021 08:20 AM |          |
| 44986 | PyROS   | Task    | New         | Normal   | ENTITIES (& properties) to be defined  |                   | 05/04/2021 12:25 PM |          |
| 44973 | PyROS   | Task    | New         | Normal   | 2 - Planning Sequences according to priorities, quotas, observing conditions, Seq parameters, Seq constraints                        |                   | 10/07/2022 01:36 PM |          |
| 44972 | PyROS   | Task    | New         | Normal   | 0 - Planning triggers - each time the context is changed   |                   | 10/07/2022 01:41 PM |          |
| 44970 | PyROS   | Task    | New         | Normal   | (SF07) TESTS to validate this feature  |                   | 10/03/2022 03:08 PM |          |
| 44969 | PyROS   | Task    | New         | Normal   | (SF07) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation  |                   | 10/03/2022 03:08 PM |          |
| 44968 | PyROS   | Task    | New         | Normal   | (SF07) ENTITIES (& properties) to be defined   |                   | 10/03/2022 03:08 PM |          |
| 44947 | PyROS   | Task    | In progress | Normal   | Sequence   | Koralewski Alexis | 02/03/2022 09:35 AM |          |
| 44945 | PyROS   | Task    | New         | Normal   | (READ 1) Sequence detailed view  |                   | 02/03/2022 09:45 AM |          |
| 44940 | PyROS   | Task    | In progress | Normal   | UPDATE a Sequence  | Koralewski Alexis | 02/22/2022 02:59 PM |          |
| 44939 | PyROS   | Task    | New         | Normal   | SUBMIT a Seq to planning (status => "submitted")   | Koralewski Alexis | 02/03/2022 10:23 AM |          |
| 44932 | PyROS   | Task    | New         | Normal   | CREATE a Sequence (must be attached to a valid SP)   |                   | 02/23/2022 12:02 PM |          |
| 44930 | PyROS   | Task    | New         | Normal   | (F05) TESTS & REQUIREMENTS to validate this feature  | Koralewski Alexis | 02/22/2022 03:01 PM |          |
| 44928 | PyROS   | Task    | New         | Normal   | (F05) ENTITIES definition (doc spec) & implementation (DB)   | Koralewski Alexis | 02/03/2022 10:13 AM |          |
| 44924 | PyROS   | Task    | New         | Normal   | (F04) ENTITIES - definition & implementation   |                   | 12/15/2021 07:36 AM |          |
| 44923 | PyROS   | Task    | New         | Normal   | (F04) TESTS to validate this feature   |                   | 12/15/2021 07:36 AM |          |
| 44922 | PyROS   | Task    | New         | Normal   | (F04) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation   |                   | 12/15/2021 07:37 AM |          |
| 44921 | PyROS   | Task    | New         | Normal   | Démarrage de la production des fichiers de calibration (fin de nuit)   |                   | 04/30/2021 12:43 PM |          |
| 44920 | PyROS   | Task    | New         | Normal   | Démarrage ou fin des observations (début/fin de nuit)  |                   | 06/29/2022 07:38 AM |          |
| 44919 | PyROS   | Task    | New         | Normal   | Sauvegarder (logger) les différents changements d'état   |                   | 06/28/2022 09:58 PM |          |
| 44918 | PyROS   | Task    | New         | Normal   | Optimiser : Agir sur le système en fonction des conditions d'observation pour n'observer que quand la qualité du ciel est suffisante |                   | 06/28/2022 09:58 PM |          |



| #     | Project | Tracker | Status      | Priority | Subject  | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|--|-------------------|---------------------|----------|
| 44917 | PyROS   | Task    | New         | Normal   | Sécuriser : Agir sur le système en fonction de l'environnement (externe/interne) pour la sécurité de l'Observatoire et des personnes |                   | 06/29/2022 07:39 AM |          |
| 44916 | PyROS   | Task    | New         | Normal   | Rythmer : Agir sur le système pour lui donner un rythme en fonction du temps (nuit/jour)   |                   | 06/29/2022 07:38 AM |          |
| 44915 | PyROS   | Task    | New         | Normal   | Changer le mode du système : passer en mode manuel (maintenance) ou automatique  |                   | 06/28/2022 09:57 PM |          |
| 44914 | PyROS   | Task    | New         | Normal   | (re-)Démarrer, mettre en Pause, ou Stopper tout ou partie du système   |                   | 06/28/2022 09:56 PM |          |
| 44907 | PyROS   | Task    | New         | Normal   | Show Weather & Observatory monitored data (in a convenient way)  |                   | 10/03/2022 02:20 PM |          |
| 44906 | PyROS   | Task    | New         | Normal   | Compute and save Observing conditions  |                   | 10/03/2022 02:21 PM |          |
| 44904 | PyROS   | Task    | New         | Normal   | Compute, save, and provide higher level (useful) parameters and synthesis from multiple detectors                                    |                   | 12/15/2021 07:34 AM |          |
| 44903 | PyROS   | Task    | New         | Normal   | Save raw data  |                   | 12/15/2021 07:34 AM |          |
| 44902 | PyROS   | Task    | New         | Normal   | Fix raw data   |                   | 12/15/2021 07:33 AM |          |
| 44901 | PyROS   | Task    | New         | Normal   | Get PLC mode changes (off/manu/auto) and alarms (intrusion, e_stop), and save them   |                   | 12/15/2021 07:33 AM |          |
| 44900 | PyROS   | Task    | New         | Normal   | Read (from PLC and sensors) INSIDE environmental data (doors, lights...) for human safety  |                   | 10/03/2022 01:07 PM |          |
| 44899 | PyROS   | Task    | New         | Normal   | Read (from PLC and sensors) OUTSIDE environmental data (weather...) for instruments security   |                   | 10/03/2022 01:05 PM |          |
| 44898 | PyROS   | Task    | New         | Normal   | (F03) ENTITIES (& properties) to be defined  |                   | 12/15/2021 07:32 AM |          |
| 44897 | PyROS   | Task    | New         | Normal   | On peut voir la fiche détaillée d'un SP  |                   | 06/16/2021 11:29 AM |          |
| 44896 | PyROS   | Task    | New         | Normal   | On peut consulter la liste des SP  |                   | 06/18/2021 03:17 PM |          |
| 44894 | PyROS   | Task    | New         | Normal   | Un Observer peut créer un nouveau Proposal (SP) pour une Période spécifique future   |                   | 06/16/2021 11:28 AM |          |
| 44892 | PyROS   | Task    | New         | Normal   | SPs view (list & 1)  |                   | 09/26/2022 09:23 AM |          |
| 44891 | PyROS   | Task    | New         | Normal   | Create/Update  |                   | 09/14/2021 11:48 AM |          |
| 44890 | PyROS   | Task    | New         | Normal   | SP CRUD  |                   | 09/26/2022 09:23 AM |          |
| 44889 | PyROS   | Task    | In progress | Normal   | SP validation WORKFLOW (lifecycle) (F02v2)   | Koralewski Alexis | 11/03/2021 09:19 AM |          |
| 44886 | PyROS   | Task    | New         | Normal   | (F01) ENTITIES - definition & implementation   |                   | 10/12/2021 07:50 AM |          |
| 44884 | PyROS   | Task    | In progress | Normal   | Time Period (Period)   |                   | 10/11/2021 10:36 AM |          |
| 44882 | PyROS   | Task    | In progress | Normal   | SP   | Koralewski Alexis | 10/11/2021 10:34 AM |          |
| 44881 | PyROS   | Task    | New         | Normal   | (F02) ENTITIES - definition & implementation   | Koralewski Alexis | 10/11/2021 10:34 AM |          |
| 44880 | PyROS   | Task    | New         | Normal   | (F03) TESTS to validate this feature   |                   | 12/15/2021 07:32 AM |          |

| #     | Project | Tracker | Status      | Priority | Subject   | Assigned To       | Updated             | Category |
|-------|---------|---------|-------------|----------|---|-------------------|---------------------|----------|
| 44879 | PyROS   | Task    | New         | Normal   | (F03) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation                          |                   | 12/15/2021 07:32 AM |          |
| 44878 | PyROS   | Task    | New         | Normal   | (F02) TESTS to validate this feature  |                   | 11/03/2021 09:16 AM |          |
| 44877 | PyROS   | Task    | In progress | Normal   | (F02) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation                          | Koralewski Alexis | 10/11/2021 10:24 AM |          |
| 44876 | PyROS   | Task    | In progress | Normal   | (F01) AUTHORIZATIONS for this feature (who can do what) : documentation & implementation                          | Koralewski Alexis | 10/08/2021 06:03 PM |          |
| 44847 | PyROS   | Task    | New         | Normal   | (F01) TESTS (users) validant cette feature  | Koralewski Alexis | 08/13/2021 01:55 PM |          |
| 44843 | PyROS   | Task    | New         | Normal   | ROLES : Un utilisateur peut avoir plusieurs roles   |                   | 06/18/2021 03:15 PM |          |
| 44842 | PyROS   | Task    | New         | Normal   | USER  |                   | 10/12/2021 07:50 AM |          |
| 44835 | PyROS   | Task    | New         | Normal   | (F01) CRUD (utilisateur)  |                   | 03/29/2022 09:14 AM |          |
| 44833 | PyROS   | Task    | New         | Normal   | Registration : un nouvel utilisateur doit pouvoir s'enregistrer directement sur le site web (soumis à validation) | Koralewski Alexis | 08/31/2021 02:16 PM |          |

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