

## Tryout Planning Automation

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### Overview of Tryout Planning:

Tryout planning is the first step in Tryout activity. Tryout Planning contains SW details, Stick/ Image path, tryout result collection path, Map details, target date, Sister device details, Bosch Part number, CD/PD details, tryout sub JIRA task ID etc...

### Script for Automation Tryout Planning Preparation:

#### Prerequisites:

1. Python 3.9 or Anaconda3 should be installed.
2. Dependencies like, Numpy, Pandas, Jira need to be installed.
3. Installation procedure for Dependencies:
  1. Open the CMD prompt with Admin Rights
  2. Now, change the directory to Anaconda3 (C:\Program Files\Anaconda3).
  3. Type Conda install “Dependencies name” and then hit ENTER. Eg

```
C:\Program Files\Anaconda3>conda install jira
```

4. Download the below files in your machine and place it in the same folder.



## Inputs in the init.xlsx file:

Before running the script, please provide the inputs in the init.xlsx file.

1. Init.xlsx file contains the below header details,
  - 2.1. **Part\_Numbers**: Fill the Successor Part numbers under this Column.
  - 2.2. **SW\_Version**: Fill the Software Version eg: 3466\_230423
  - 2.3. **Jira\_Main\_Task**: Fill Jira ID of the main Task
  - 2.4. **Jira\_TO\_Task**: Fill Jira ID of the Sub JIRA tryout task
  - 2.5. **PD\_Version**: Fill the PD Version from the Main task
  - 2.6. **CD\_Version**: Fill the CD Version from the Main task.
  - 2.7. **ProductType**: Select the Product based on the Task, Options: Renault, Nissan, PIVI and Mitsubishi.
  - 2.8. **Base\_SW**: Fill base SW (Reflash only)
  - 2.9. **Release\_Type**: Select the options based on the Task, two options: Image and SplUpd.
  - 2.10. **Docushare\_CollectionID**: Fill the tryout result collection path
  - 2.11. **Tryout\_Location** : COB or HI
  - 2.12. **FCID\_Version**: Fill the FCID Table DS Version (eg: V651). (It is useful only when you run the Sister device script.)
  - 2.13. **HW\_List**: Fill the HW list excel file name. If you have different filename please add it in the Valid List Sheet under HW\_List.
  - 2.14. **Private\_Key**: Fill if the release has private key or not.
  - 2.15. **Jira\_Access\_Token**: Fill Access token which has a validity for 180 from the date of creation.
  - 2.16. **Task\_Name**: Fill the Task Name. (Sample Build info in the planning sheet).

## How to run the Script:

1. Open the CMD Prompt from the location where the scripts and input files are located.
2. Type “conda activate base”
3. Execute “C:\Program Files\Anaconda3\python.exe” TryoutMailGenerator.py

```
C:\Windows\System32\cmd.exe - conda activate base
Microsoft Windows [Version 10.0.19045.4529]
(c) Microsoft Corporation. All rights reserved.

C:\Users\euji1cob>conda activate base

(base) C:\Users\euji1cob>"c:\Program Files\Anaconda3\python.exe" TryoutMailGenerator.py
```

Tryout mail will be drafted, and the Jira Task is updated automatically.

### **Note:**

Please check the cmd prompt and look for error and warning.