

# ***Analysis Platform + DN7***

## ***AP+DN7***

### ***Upgrade Manual***

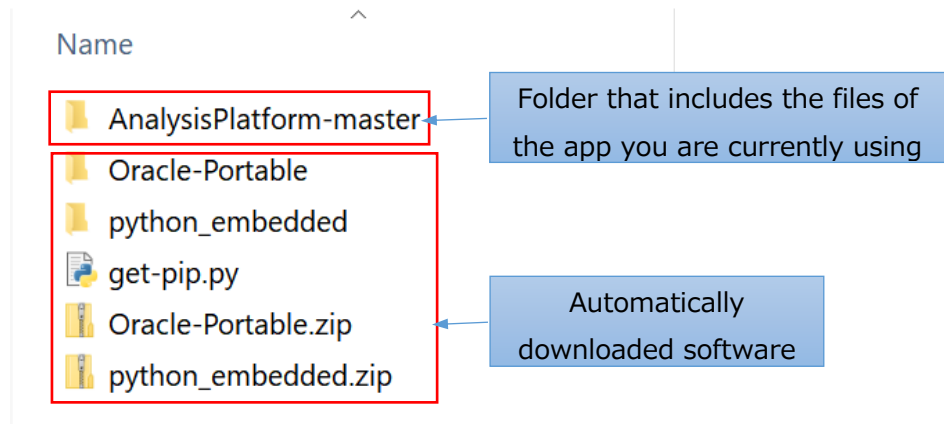
This manual explains how to upgrade the Analysis Platform. You can migrate the settings (data source setting, process setting, trace setting, master setting, filter setting, bookmarks), so please try the latest Analysis Platform with additional functionalities and bug fixes.

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# 1. Download and place the new application file

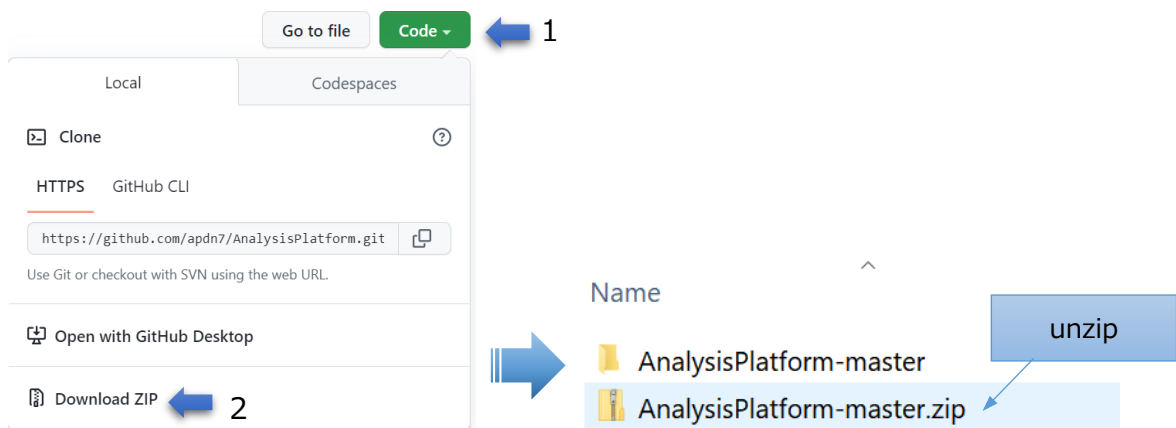
If you are already using the Analysis Platform, check that your folder structure is as shown below. Hereafter, the default folder name "AnalysisPlatform-master" is used for the description, but you can use the other name.



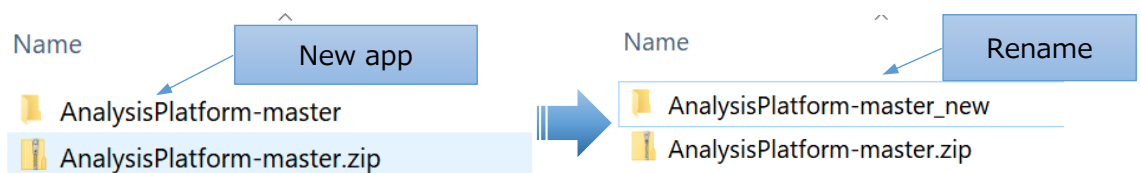
**!!Note**  
Imported data and the settings are stored in "AnalysisPlatform-master" folder. **Never remove this folder until you have sufficiently tested the new application.**

Next, download the files of the new version. Access GitHub, download the ZIP file and unzip it. You will get a folder named "AnalysisPlatform-master".

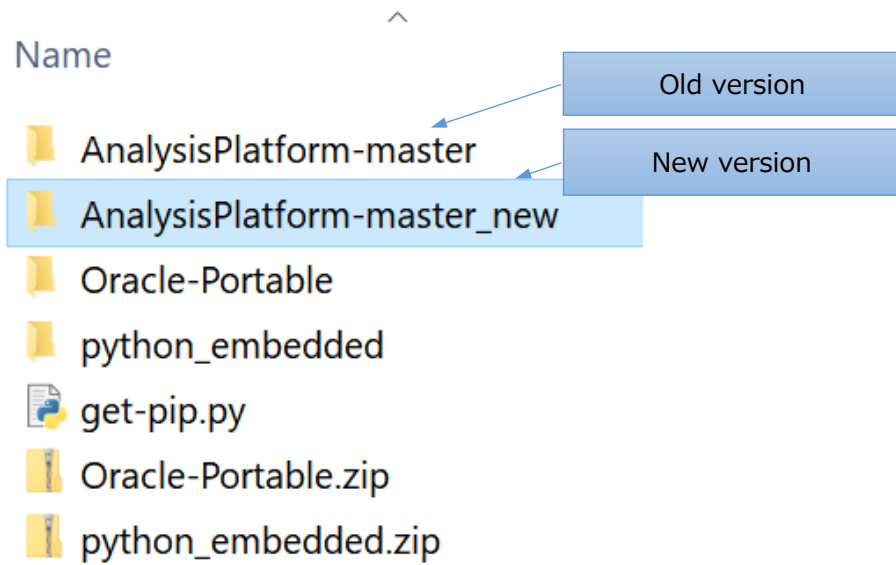
<https://github.com/apdn7/AnalysisPlatform>



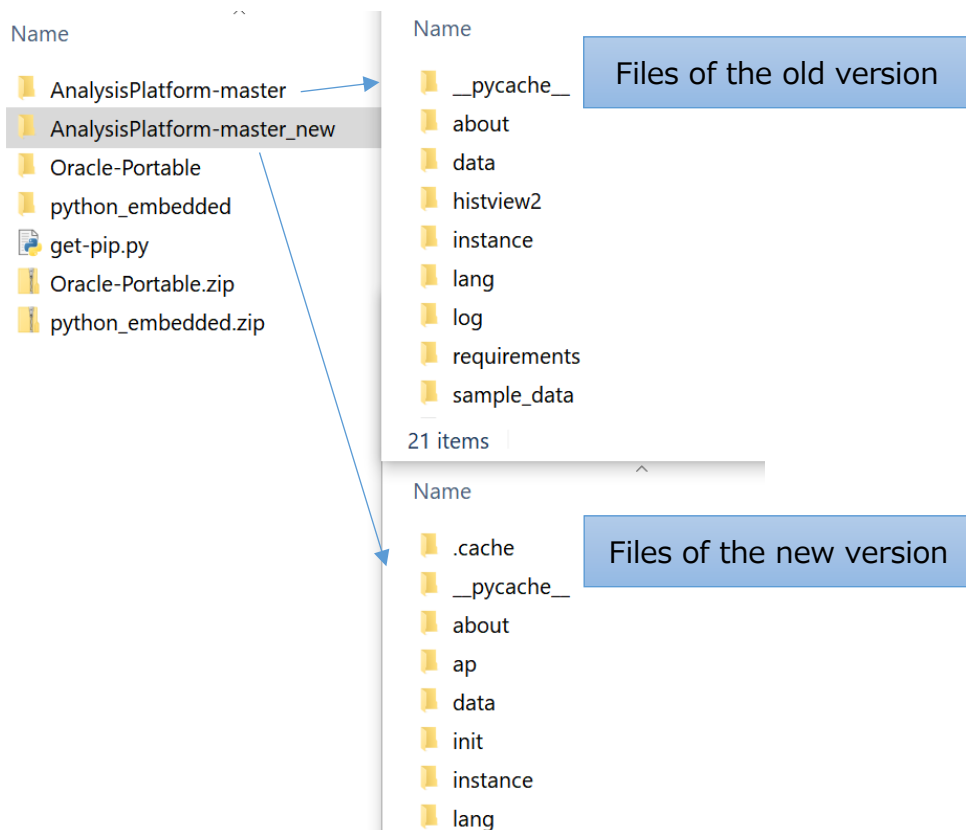
As the folder names are duplicated, please change to another name that is easy to understand. Here, we use the name "AnalysisPlatform-master\_new".



Then, move the new application folder "AnalysisPlatform-master\_new" to the same folder with the old version.



After you moved the new application folder, make sure that your folder structure is as shown below. Files of the old version are in the "AnalysisPlatform-master" folder, and the files of the new version are in the "AnalysisPlatform-master\_new" folder.



## 2. Migrate the settings

This section explains how to migrate the settings (data source settings, process settings, link settings, filter settings, master settings, and bookmarks) from the old version to the new version.

### !!Important

Do not delete the old version until you have sufficiently tested the new version.

For testing it is recommended to set different port numbers for the old version and the new version, and activate both after the data migration. It is safer to keep both versions running for a while so that you can use the older version whenever you encounter problems with the new version.

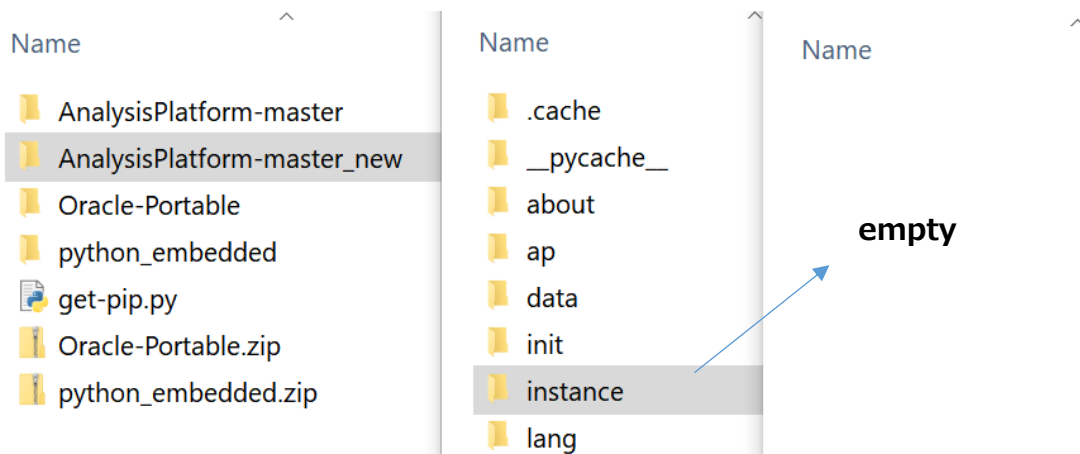
The settings and the imported data are stored in the "instance" folder.

- app.sqlite3: settings (we are going to migrate this setting)
- universal.sqlite3: imported data

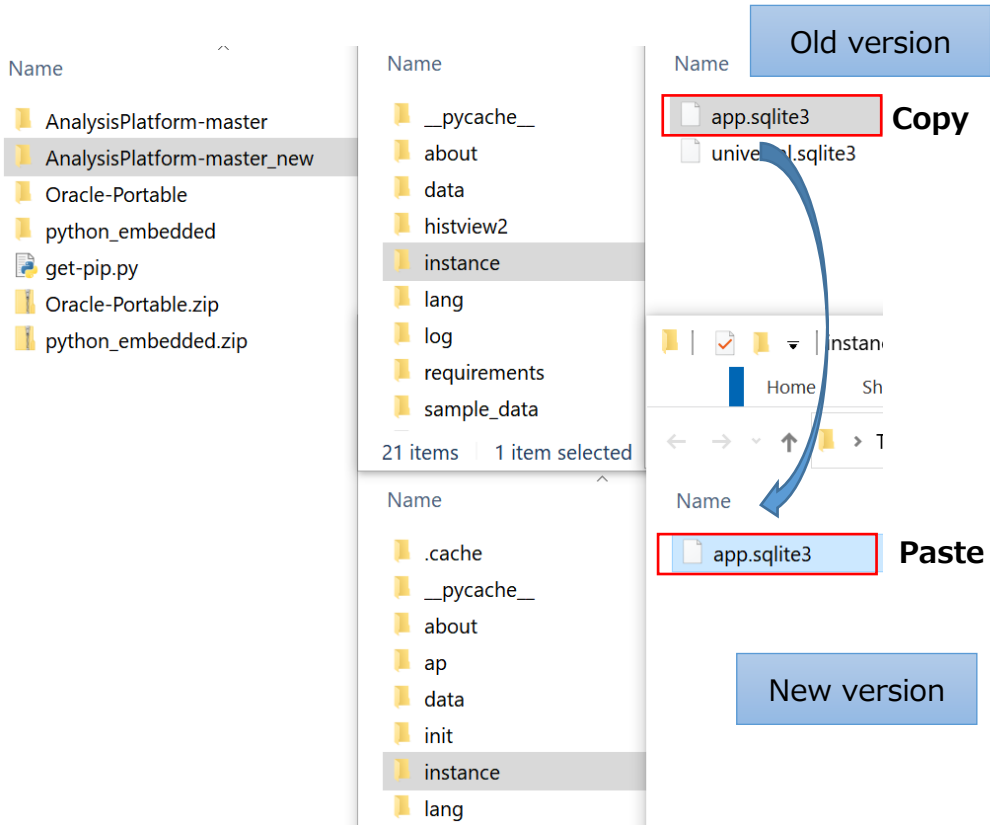
### !!Note

From v4.1.0, the Analysis Platform uses different structure of "universal.sqlite3" for fast data processing. Therefore, we can not migrate "universal.sqlite3". The Analysis Platform starts data import after you press "" based on the migrated "app.sqlite3".

First, make sure that the "instance" folder of the new version is empty.



Then, copy the file "app.sqlite3" in the "instance" of the old version, and paste it to the "instance" folder of the new version.



The migration of the settings is done.

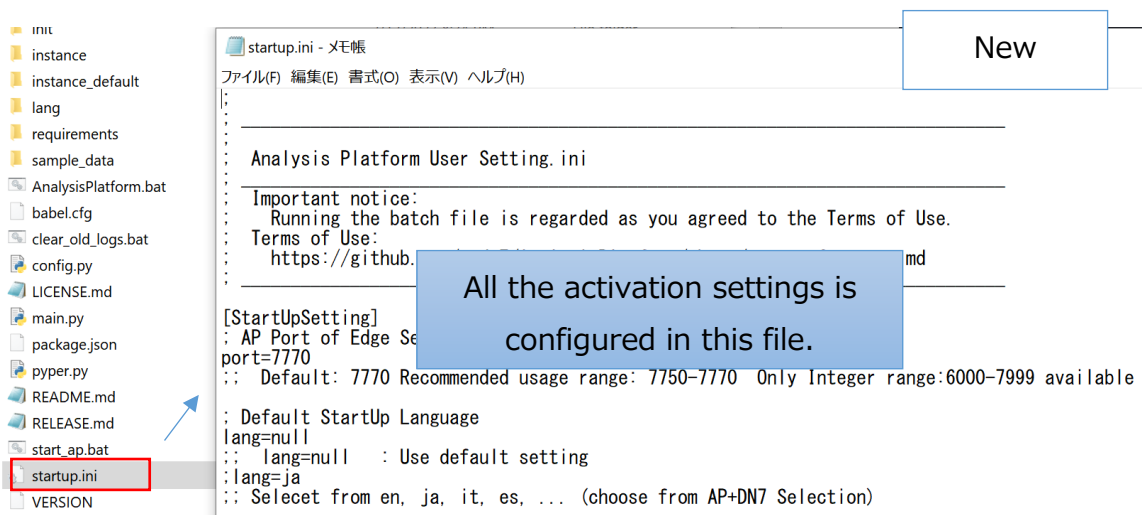
### 3. Migrate the activation settings: Port number / proxy setting / default language, etc.

In the old version, the port number and the default language is configured using "basic\_config.yml",  
AnalysisPlatform-master > histview2 > config > basic\_config.yml

and the proxy setting is configured in "oss\_start\_app.bat" which is used when starting the application.

On the other hand, settings such as the port number/the default language/the proxy setting are set only in "startup.ini", and the file that starts the application has been changed from "oss\_start\_app.bat" to "start\_ap.bat" in the new version.

Please refer to the "Proxy/Port number/Language Settings (Optional)" section of the document "Getting Started" for details.



## 4. Import data to the new version

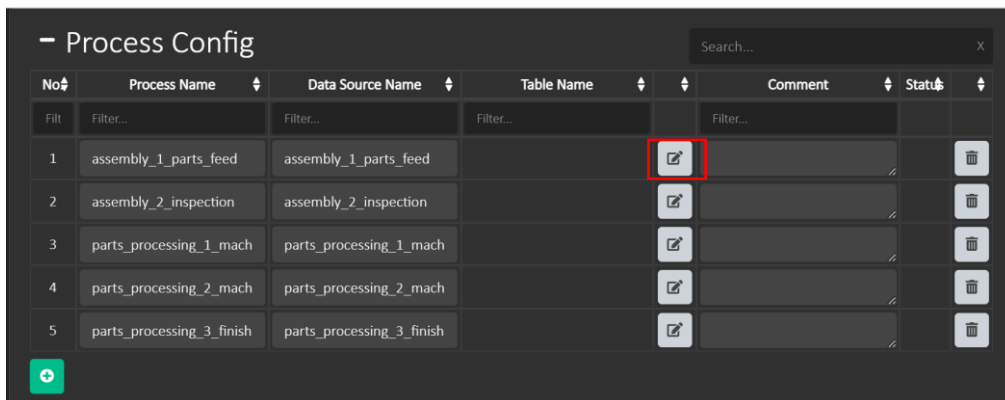
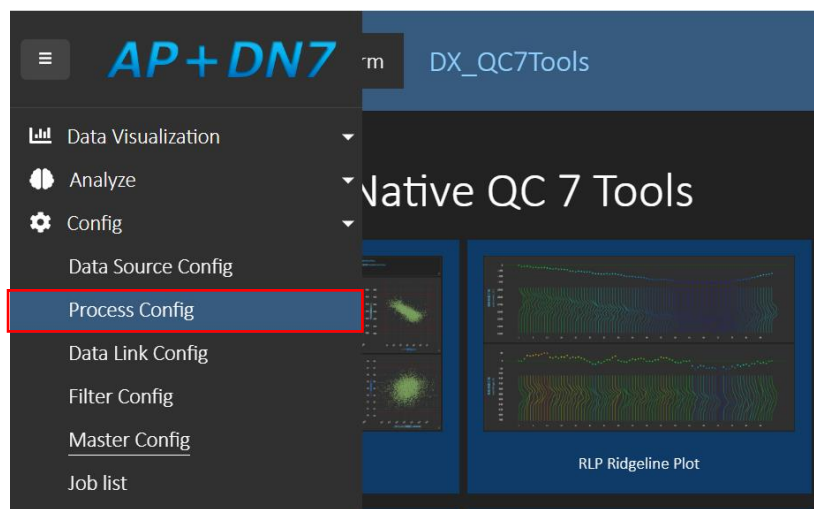
After completing the migration of settings, start the new version of the application. Refer to the "Activate/Shut down the application" chapter in the "Getting Started" document for instructions.

### **If your old version is v4.1.0 or later:**

The Analysis Platform will automatically start importing the data based on the migrated settings.

### **If your old version is v4.0.0 or v4.0.1:**

On your application, click the link "Process Config" on the "Config" section of the sidebar. You will see the process settings. Then, click the edit button. Process Config: Detail window will appear.



The 'Process Config' window displays a table with the following columns: No., Process Name, Data Source Name, Table Name, Comment, and Status. The first row is highlighted, and the edit button (pencil icon) is circled in red.

No.	Process Name	Data Source Name	Table Name	Comment	Status
1	assembly_1_parts_feed	assembly_1_parts_feed			
2	assembly_2_inspection	assembly_2_inspection			
3	parts_processing_1_mach	parts_processing_1_mach			
4	parts_processing_2_mach	parts_processing_2_mach			
5	parts_processing_3_finish	parts_processing_3_finish			

On this page, check that the migrated settings are correct and click "Import Data" button. After that, the Analysis Platform will start importing the data from specified data source. Please repeat this for all the processes that you had migrated.

Process Config: Detail

Process Name: assembly\_1\_parts\_feed

Comment:

Data Source Name: assembly\_1\_parts\_feed

Table Name: Search...

Last Records

Serial	datetime	MachNo	MagazineNo	Curvature_1	Curvature_2	Tilt_1	Tilt_2	ProcNo	LotNo
202203190715912	2022-03-01 00:23:54 +09:00	94	722020317155808	0.84	0.08	0.714451926	0.183331316	13A	av4
202203190715888	2022-03-01 00:35:22 +09:00	95	722020317155808	0.84	0.07	0.71513739	0.183311816	11A	av4
202203190715889	2022-03-01 00:49:23 +09:00	94	722020317155808	0.84	0.1	0.727911963	0.194885658	12A	av3
202203190715913	2022-03-01 00:49:45 +09:00	93	722020317155808	0.84	0.11	0.715249032	0.193869431	10A	av2
202203190715863	2022-03-01 00:58:24 +09:00	95	722020317155808	0.22	0.69	0.753259527	1.056992164	11A	av5

Setting Content

No.	Column Name	As Datetime	As Link ID	Coef
1	Serial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	datetime	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	MachNo	<input type="checkbox"/>	<input type="checkbox"/>	
4	MagazineNo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5	Curvature_1	<input type="checkbox"/>	<input type="checkbox"/>	
6	Curvature_2	<input type="checkbox"/>	<input type="checkbox"/>	
7	Tilt_1	<input type="checkbox"/>	<input type="checkbox"/>	
8	Tilt_2	<input type="checkbox"/>	<input type="checkbox"/>	
9	ProcNo	<input type="checkbox"/>	<input type="checkbox"/>	
10	LotNo	<input type="checkbox"/>	<input type="checkbox"/>	

Re-register Import Data Cancel

The progress of data import can be checked by opening the "Job list" in the sidebar > Config of the application.

AP+DN7

- Data Visualization
- Analyze
- Config
  - Data Source Config
  - Process Config
  - Data Link Config
  - Filter Config
  - Master Config
  - Job list**
  - Table Viewer
  - About

Job List

Job ID	Job Name	Data Source Name	Process	Started	Duration (sec)	Success/Total	Status	Detail
512	Import CSV Data	parts_processing_1_machine_parameter_a	parts_processing_1_machine_parameter_a	2023-02-13 20:06:54	0:02	1/1	Success	
511	Import CSV Data	assembly_2_inspection	assembly_2_inspection	2023-02-13 20:06:42	0:02	1/1	Success	
510	Import CSV Data	assembly_1_parts_feed	assembly_1_parts_feed	2023-02-13 20:06:29	0:03	1/1	Success	
509	Import CSV Data	parts_processing_3_finishing	parts_processing_3_finishing	2023-02-13 19:58:26	0:08	1/1	Success	
508	Import CSV Data	parts_processing_2_machine_parameter_b	parts_processing_2_machine_parameter_b	2023-02-13 19:58:11	0:03	1/1	Success	
507	Import CSV Data	parts_processing_1_machine_parameter_a	parts_processing_1_machine_parameter_a	2023-02-13 19:57:54	0:03	1/1	Success	
506	Import CSV Data	assembly_2_inspection	assembly_2_inspection	2023-02-13 19:57:42	0:03	1/1	Success	