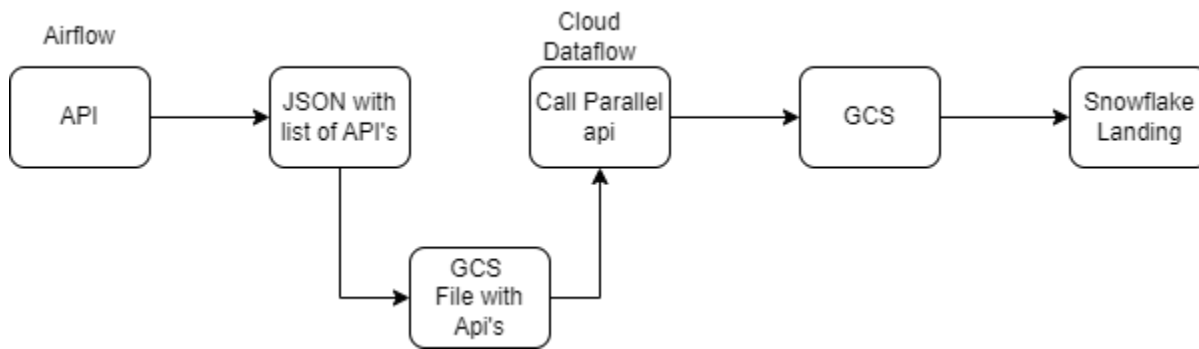
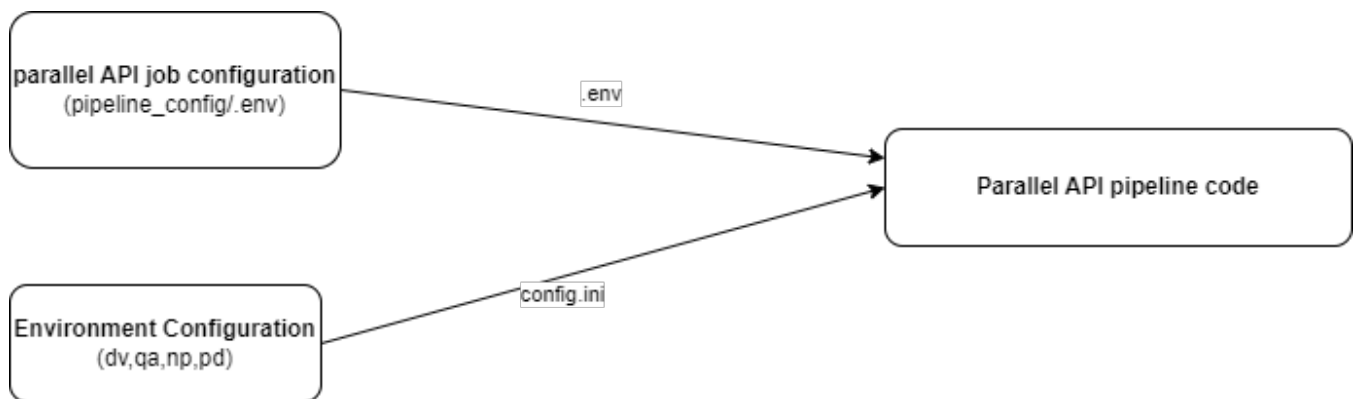


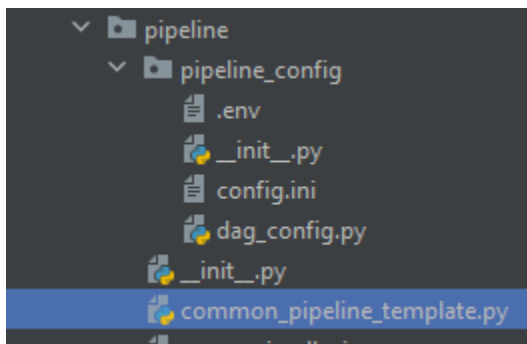
# Parallel API Call Architecture



## Parallel API call generic pipeline template flow



## File structure of Parallel API pipeline template:



### Naming convention:

**Parallel API pipeline template:-** pipeline/common\_pipeline\_template.py

**Parallel API job configuration:-** pipeline/pipeline\_config/.env

**Environment configuration:-** pipeline/pipeline\_config/config.ini

This is **Parallel API pipeline template** for creating new job for API pipeline

**Github link:** <https://github.com/hris-data/HR-Data-Platform/tree/STRY0146448>

## Process:-

### 1. Update parallel API job configuration with relevant details example given below

```
PROJECT = "itg-hranalytics-gbl-ww-%env%"
DELIMITER = "|*|"
BUCKET = "hrdp_gcs_data_eu_%env%"
SECRET_NAME = "api_auth_%env%"
FOLDER_PATH = "successfactors/PMG"
ENV_NAME = "%ENV%"
DV_URL = "https://api55preview.sapsf.eu"
QA_URL = "https://api55preview.sapsf.eu"
NP_URL = "https://api55.sapsf.eu"
PD_URL = "https://api55.sapsf.eu"

SERVICE_ACCOUNT = 'hrdp-sa-composer-%env%@itg-hranalytics-gbl-ww-%env%.iam.gserviceaccount.com'
SUB_NETWORK = "itg-hranalytics-gbl-ww-%env%-vpc"
PROJECT_PATH = "successfactors/PMG"
is_local = True
```

### 2. Add configuration in Airflow task (DataflowCreatePythonJobOperator)

```
options={
    "input": os.path.join(config.DESTINATION_PATH, task_detail.get("URL_FILE_NAME")),
    "job_type": "profile"
}
input: File location of API list from GCS

job_type: Type of job(Profile, header_form, rls)
```