

Single Pipeline Approach

Workflow - Single Pipeline Approach

1. Single Pipeline Approach is the **procedural** scripting.
 2. Every workflow has only **one (1) task of** `main` function which is registered and started in the celery
 3. `main` function
 1. **Registered as a task**
 2. `main(self, task_name="main", *args, **kwargs) -> (status:str, err_msgs:list[str], data:object)`
 3. the function intended to **define the sequence of the functions** for execution.
 4. has the access to **credentials**
 5. receives the **payload**
 6. must **verify that the payload** provided is correct: right types and values, all **other functions assume that payload is correct**
 4. `other` functions Import Pipeline - Miro
 1. assume the **payload is correct**
 2. **other arguments are not guaranteed to be valid**
 3. **Every other** `(self, task_name, *args, **kwargs) -> (status:str, err_msgs:list[str], data:object)`
 5. **Create of the new entities** MUST be done **through platforms tasks**
 6. All network related, resource concurrent or security dependent **operations that may have systematic execution errors MUST use try_retry decorator**
 7. **Errors must be collected** through ALL execution of the steps in main and **be handled to Notifications.**
 8. `status` for function must be from `["success", "error"]`
 9. `err_msgs` for function ...
 - 10.
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Revision #5

Created 18 August 2024 18:59:13 by Sergei Osipov

Updated 9 September 2024 11:16:47 by Sergei Osipov