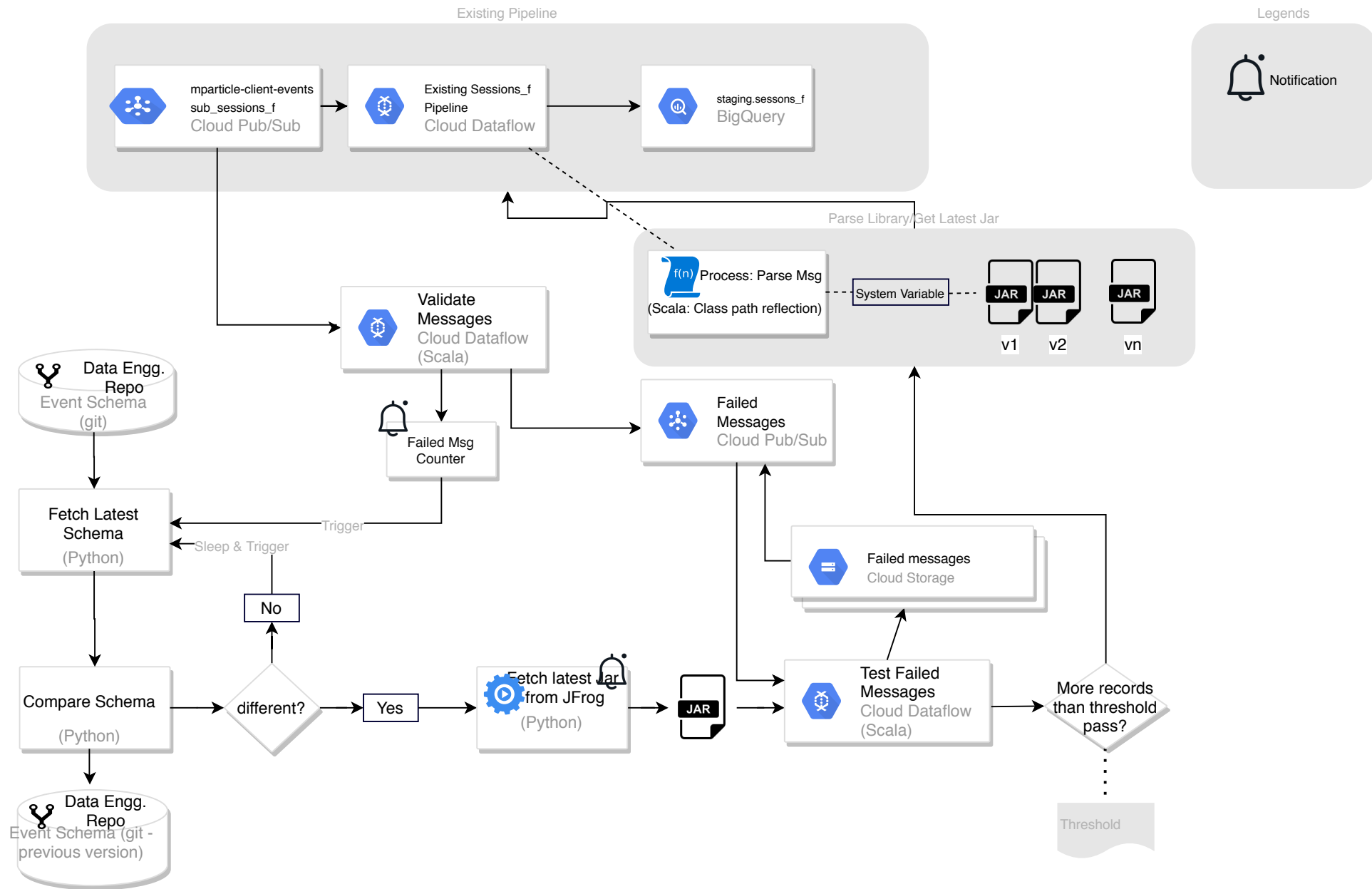


Schema Change Detection



Validate Messages

1. Decrypt Protobuf and validate if the record conforms schema or is there any breaking change?
2. Check for new field (we are researching if/how we can implement it)

Compare Between Two Schemas

1. Parse the proto files
 2. Convert to two dataframes - old and new proto file
 3. Merge two dataframes like full outer join between two dataframes
 4. Find the difference in attributes
- It checks for the following changes:
1. If new field is added
 2. If datatype is changed
 3. If enum is changed
- In the end it can return a flag which can trigger the compile process

Dynamically Downloading Latest Jar

Using Reflection we may load the class and get the method at run time