**🔁 Loop Through Publications**

For each publication UUID in publ\_uuids:

* Print progress info: which record is being processed.

**📄 Retrieve Data**

* Fetch the publication record using getPure(publ\_uuid).
* Fetch the person record using getPurePerson(uuid\_author).

**🧭 Validation Checks**

1. **Affiliation Check**
   * If the publication year is **not before** the author’s first VU affiliation year: → Skip this record.
2. **Workflow Status Check**
   * If the publication is already **approved**: → Skip this record.

**🧹 Prepare for Cleanup**

* Initialize an empty list remove\_int\_orgs to track internal organizations to remove.
* Extract contributor list, internal orgs, and external orgs from the publication.

**👥 Loop Through Contributors**

For each contributor in the publication:

* Remove "pureId" if present.
* If the contributor matches the target author (uuid\_author):

**🏢 Internal Organization Handling**

* + If contributor has **no internal organizations**: → Already external, skip this record.
  + Otherwise:
    - Add each internal org UUID to remove\_int\_orgs.
    - Remove "organizations" from contributor.

**🌍 External Organization Handling**

* + If contributor has **no external organizations**:
    - Create a new contributor dictionary.
    - Copy all existing keys and values.
    - When reaching "typeDiscriminator", insert external org data (ext\_org\_json).
    - Replace the contributor in the list with this new version.
    - Update the publication’s external org list:
      * If it exists, append the new external org.
      * If not, initialize it with the new external org.

**🧽 Clean Up Top-Level Internal Organizations**

* If any internal orgs were marked for removal:
  + Loop through the top-level internal org list.
  + Remove any org whose UUID matches one in remove\_int\_orgs.