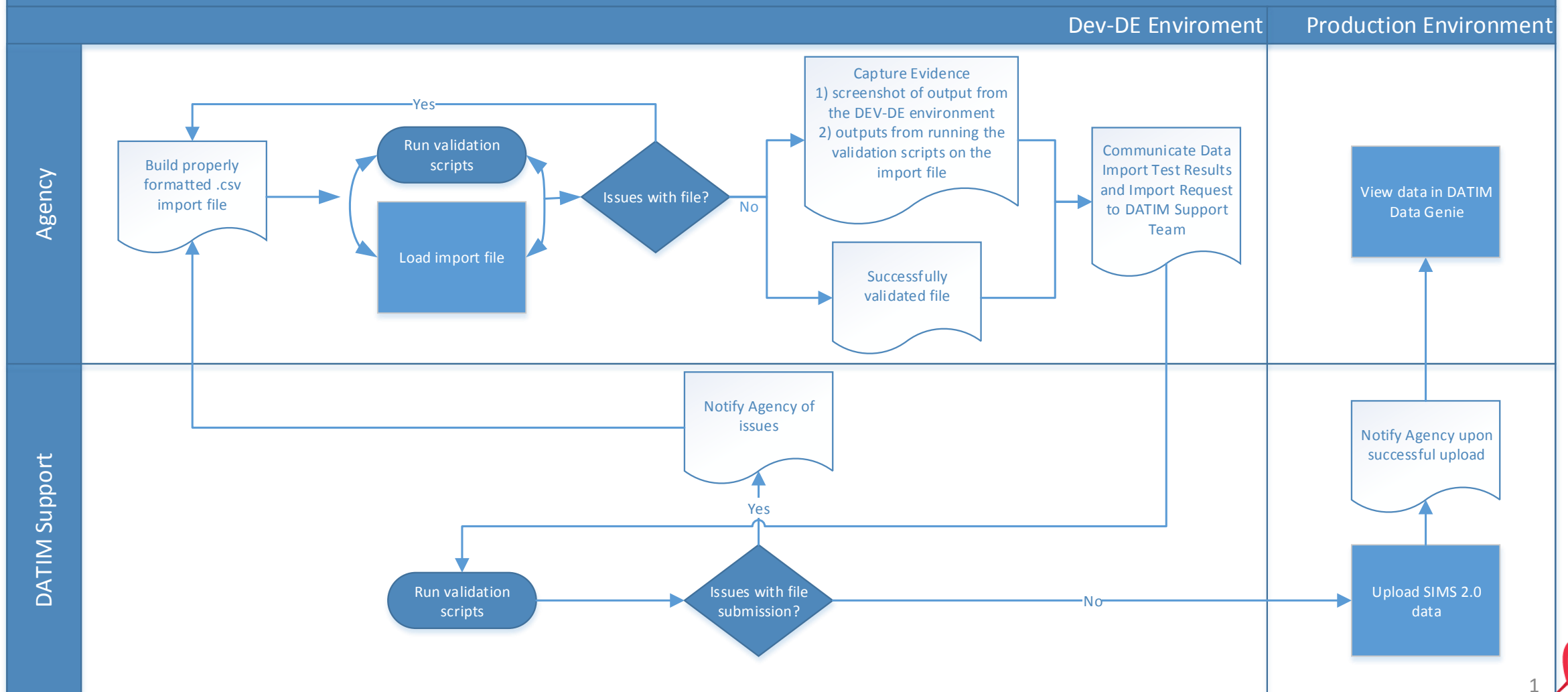




SIMS 2.0 Data Import Process

SIMS 2.0 Import Process Summary





SIMS 2.0 Validation Scripts

SIMS 2.0 Validation Scripts will be used to check the import files for DATIM system rules NOT business rules for:

- Identifying duplicates

A duplicate is a record with the same site, period (day), data element and mechanism. If duplicate records exist, the agency will need to re-submit a file without duplicates.

- Field data types

- SIMS scores consist of options, for instance 0-4; a score of 5 for instance, would be considered to be invalid.
- For other data types, such as time stamps, strict formatting rules apply. Refer to the SIMS 2.0 Data Import Reference Guide, the PEPFAR Data Exchange Implementer Community – SIMS 2.0 Data Exchange Exercise for Facility Module Guide and <https://github.com/jason-p-pickering/datim-validation/blob/master/R/checkValueTypeCompliance.R> for details.





PEPFAR

SIMS 2.0 Validation Scripts

- Mechanism time frame

The data transmitted for a given mechanism should be active. Thus, if data is transmitted for COP 2016 time frame, the mechanism must be active in FACTS for that time period. See <https://github.com/jason-p-pickering/datim-validation/blob/master/R/getInvalidMechanisms.R> for details. This restriction is enforced server side as well.

- Mechanism organization unit validity

Mechanisms are assigned to a given operating unit. The data's site assignment should fall within the hierarchy of the organization unit. This check occurs server side, and should be visible when doing a test import in DEV-DE

- Data element validity

Only valid data elements will be accepted. See <https://github.com/jason-p-pickering/datim-validation/blob/master/R/getInvalidDataElements.R> for details. This restriction is enforced server side as well.



SIMS 2.0 Validation Scripts

- **Where can I find the validation scripts?**

Download the script from: <https://github.com/jason-p-pickering/datim-validation>

- **What do I need to setup and use the scripts?**

Detailed instructions are available at: <https://github.com/jason-p-pickering/datim-validation>

