

**Technical Orientation on IDX Full Domain**

*This document is prepared for the technical orientation on IDX full domain for training department.*

**What is IDX?**

IDX is a part of YLOPO which stands for internet data exchange. Internet data exchange (IDX) is an umbrella term used to cover policies, standards, and software pertaining to the display of real estate listing information on websites. Most importantly for agents and brokers, IDX is what enables members of a multiple listing service (MLS) to integrate real estate listings from the MLS database into their own websites. An IDX feed is a data connection that transfers listings data between a real estate agent’s website and a Multiple Listing Service (MLS) and updates those listings as properties come on or off the market.

**IDX has following tasks which we do:**

1. Feed.
2. Re-Specs.
3. Stale.
4. Critical Tasks.
5. Metadata Changes.
6. Production Movement.
7. Inactives Stale.
8. Missing Photos.
9. Missing Listings.

**What is Feed?**

An IDX feed or source is basically an ETL process which extracts data from different source or datasets and then transforms it according to the business prospective and load the data into data warehousing.

**What is Re-Specs?**

A Re-Specs is basically a new or additional attributes given from the source side to be added into our live running sources on production server always is called as re-specs.

**What is Stale?**

Stale are that sources which are not running or its batch not executed on the production server from the last 24 hours. You can also say sources for which data in targets hasn’t been refreshed for last 24 hours are called stale sources.

**What are Critical Tasks?**

Critical tasks are that tasks which always has highest priority from client side and also it contains some crucial tasks with proper root cause analysis. These tasks are missing listings, missing photos, incorrect listing status and incorrect data downloading etc. These tasks can be resolved with proper root cause analysis.

**What are Metadata Changes?**

Metadata changes are a process of removing irrelevant, extra fields from the source to optimize our ETL process. Metadata changes are provided by the source side to be implemented and if we haven’t implement metadata changes then there might be some scenarios that can be the cause of ETL jobs failure, on production. It will result the job into stale.

**What is Production Movement?**

After development and completing the stage movement of new feed along with the completion of the QA sign off then we do production movement of that feed because the feed is completely ready and downloading the incremental data from the source. We have different kind of sources which includes different datasets like we have simple RETS, SPARK API, MLS Grid, PARAGON API, Trestle API and BRIDGE API feeds.

**What are Inactives Stale?**

Inactives stale are those stale or job which are not running properly on the server automatically. Basically, the sources whose inactives job is not working daily due to some kind of issues then it is called as inactives stale.

**What are Missing Photos?**

Missing photos means the live sources which are running daily on production server and they are not downloading the photos for some reasons is called as missing photos. This task is a part of critical task as well and it is an important task.

**What are Missing Listings?**

Missing listings means the live sources which are running daily on production server and not downloading the complete data like it is missing some listings or not downloading the complete listings due to some reasons is called as missing listings. This task is a part of critical task as well and it is an important task.