

PeopleSoft Search-Match Processing

PeopleSoft provides on-line and batch processes to search for the existence of a person prior to creating a new record (and potential duplicate).

Search/Match is an extremely powerful feature in PeopleSoft. At Cornell it is primarily used for maintaining the integrity of the database. Users from many departments enter data into PeopleSoft increasing the chances of duplicate entities. To minimize the entry of duplicates PeopleSoft's Search/Match functionality is utilized as the primary search engine.

Cornell Uses Search/Match in both, on-line transaction processing and batch processing. In both cases the possible matches are reported back to the user in a predefined result table format. The user then makes a decision as to whether a new ID needs to be generated. Search/Match is only as reliable as the underlying data used in its processes. If there are delays in the synchronization of data between applications the risk of duplicates increases.

A process should be defined and maintained for cleaning up duplicates across application systems.

Even though there are several search/match rules in PeopleSoft there are only a few records that can be used by the Search/Match functionality. In order to use Search/Match across multiple application systems (ie: PeopleSoft and Workday) the records/data selected below for the search/match rules must be passed into PeopleSoft:

Record Name
PS_ADDRESSES
PS_EMAIL_ADDRESSES
PS_EXTERNAL_SYSTEM
PS_EXT_ORG_TBL
PS_HRS_APP_ADDRESSES
PS_HRS_APP_EMAIL
PS_HRS_APP_NAMES
PS_HRS_APP_PHONE
PS_NAMES
PS_ORG_LOCATION
PS_PERSON
PS_PERSONAL_PHONE
PS_PERS_DATA_EFFDT
PS_PERS_NID

Attachments

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