



DATA SERVICES API

2.4 RELEASE NOTES

INSTALL TO PRODUCTION ENVIRONMENT: NOVEMBER 18, 2016



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New Features

New distinctMatchFlag logic

New **distinctMatchFlag** logic has been added to the person, place, and entity documents in the Data Services API.

- For person and place documents:
The default for distinctMatchFlag is **false** unless there is only one distinct document id for a given match cascade step.
- For entity documents:
The default is now **false** unless there is only one unique person id for that entity.

Note: distinctMatchFlag logic is being refined for households.

Impact to clients

- **Transactional:** No action needed.
- **Batch:** No action needed.

Impact to delivery

- The distinctMatch flag is now available for output in the WFG.

New emailMD5 input parameter

A new **emailMD5** input parameter has been added to the match endpoint. Users can now input an MD5 hashed email into the match endpoint. Matching can then be performed on mixed clear text names with hashed emails.

Impact to clients

- **Transactional:** No action needed. Additional matching options now available.
- **Batch:** No action needed. Additional matching options now available.

Impact to delivery

- No action needed. Input not available in WFG.

Changes & Improvements

Added parsed address components to inputPostalAddress

Parsed address components are now available in the inputPostalAddress bundle through DS-API.

Impact to clients

- **Transactional:** Parsed address components are now available. Parsing and AddressAbility are now available for the input address.
- **Batch:** Parsed address components are now available. Parsing and AddressAbility are now available for the input address.

Impact to delivery

- Parsed address components are now available. Parsing and AddressAbility are now available for the input address.

Updated Schema

Multiple corrections have been made to the schema.

Impact to clients

- **Transactional:** Users will see accurate schema.
- **Batch:** Users will see accurate schema.

Impact to delivery

- N/A

New Data

The following table shows the data changes for the 2.4 release.

General Category	Doc Type	Bundle	Element	Add/Change/Remove	Type of Change	Internal Or External
Products, Services, Brands	person	travelAndEntertainment	airlineAffinity	C	Removed AirTran	E
Location	Place	postalDeliverability	addressFlags.matchDetails.dpvConfirmedWalkSequenceSort	A	Added new attribute	E
Location	Postal	postalDeliverability	dpvUSPSMatch.matchDetails.pbsaRecordMatch	A	Added new attribute	E
Location	Place	postalDSF	dropCount	C	Exposed externally	E – via SSBE. Note: SSBE is not exposed externally yet, so if a client needs access to NCOA/DSF, contact us.
Location	Place	postalNCOA	moveType	C	Exposed externally	E
Location	Place	postalNCOA	ncoaNameMatchType	C	Exposed externally	E
Metadata	Person place household entity business	inputPostalAddress	postalAddress	A	New attribute	E

General Category	Doc Type	Bundle	Element	Add/ Change/ Remove	Type of Change	Internal Or External
Metadata	Person place household entity business	inputPostalAddress	postalDeliverability.dpvUSPSMatch.match Details.pbsaRecordMatch	A	New sub-attribute	E
Metadata	Person place household entity business	inputPostalAddress	postalDeliverability.addressFlags	C	Updated schema to reflect correct info.	E