



RELEASE NOTES

DATA SERVICES API

MAY 3, 2015



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New Capabilities

Added system stability and availability improvements

The DSAPI now uses zeromq, a high-performance asynchronous [messaging](#) library, and Google protocol buffers, which is a method of [serializing](#) structured data, to offer decreased latency and additional stability, providing fail over at every layer of the stack. Zeromq is replacing RMI in the DSAPI.

Added a valid value of “Street segment”

In the geoCodes bundle, clients will be able to distinguish between actual and interpolated values based on the field names, where “Street” denotes the actual value, and “Street segment” is the interpolated value.

Improved matching logic by tuning the use of middle name

Tweaks to our matching logic, including the weighing of presence or absence of the middle name/initial resulted in better, more accurate matches.



Corrective Improvements

Changed owner byte format in AdDriver

Owner byte was changed from a field length of 2 to 16 to allow AdDriver application greater functionality.

Added '32' as valid value to eTechDemographics.languagePreference

Added a valid value of 32 (Kurd) to the languagePreference attribute in the eTechDemographics bundle in person documents.

Added a correction to ensure all relevant place docs have a postalAddress bundle

The postalAddress bundle is now populated where we populate it.

Persist doc IDs across the US and Demo data sets

Doc IDs are now persisted across the US and Demo data sets to facilitate easier testing/research.

Correct the bug in portrait that is causing the deceased flag to be set to true for all persons

Bug that set the deceased attribute to True for all portrait documents has been corrected. All portraits are no longer deceased.



More robust error messaging

Rather than returning a 500 internal server error when users supply a bad content type, we now return a 400 with an accurate error message like: Content type 'application/x-www-form-urlencoded' not supported"



Removed Capabilities

Supported ER Combinations and Hash Permutations

We have reduced the numbers of ER combinations and hash permutations we support.

We now support the following:

- CL
- AL
- phone
- email



New Data

Refresh release only

Data was refreshed only. No new attributes were added.