



DATA SERVICES API

JUNE 1, 2015





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New Capabilities

Added system stability and availability improvements to the Portrait service.

The Data Services API has been improved to provide high availability between our geographically dispersed locations for the Portrait service. The system will now retry transactions automatically so more transactions are successful.

Added more robust matching functionality.

The Data Services API matching has been improved by modifying the Match service to use full addresses when using geocodes when **Name + Lat/Long** is given as input.

Added new functionality to suppress emails.

Emails with a **status_code** of 5 or 6 will no longer return a match, and will no longer be returned as part of the emailContact bundle in documents.

Corrective Improvements

Improved emailContact bundle response.

New logic has been added to the emailContact bundle. The bundle is now more accurate and only returns up to eight email addresses that are specific to the individual represented by the person document. Email addresses associated with more than six Consumer Links are no longer returned.


Cleaned up existing code.

The Data Services API code has been cleaned up, and other minor improvements have been made:

- Refreshed the geoCode sources to remove the trailing space in the **predirectional** and **postdirectional** fields
- Corrected the invalid value issue in **lengthOfResidence** (20 was not a valid value)
- Corrected the issue where **childrenPresent** always returns a value of "FALSE" in **portraitInvestigate**
- Added the ability to select which environment to access (dev-unstable, dev-stable, prod) in the API explorer
- Added the ability to edit an authorization in the Auth UI
- Added a timestamp to the Authorization page in the Auth tool
- Cleaned up the Auth database by associating tenant descriptions with each tenant and removing unused tenants

Updated documentation on Developers Portal.

- Added a value of "I", and "FIRST" to the Portrait Endpoints Generational Suffix Value list. [\[https://wulanji.dti.acxiom.net/wordpress/name-suffix/\]](https://wulanji.dti.acxiom.net/wordpress/name-suffix/)
- Updated the parsedInputName bundle page to indicate that this bundle can parse up to three names passed into a single name field. [\[https://wulanji.dti.acxiom.net/wordpress/parsedinputname-bundle/\]](https://wulanji.dti.acxiom.net/wordpress/parsedinputname-bundle/)
- Updated the Hashed Entity Representation (ERL) page with a new SHA1 value in the example. [\[https://wulanji.dti.acxiom.net/wordpress/erl/\]](https://wulanji.dti.acxiom.net/wordpress/erl/)
- Added new content to the emailContact bundle page explaining that this bundle may contain up to eight email addresses for an individual. [\[https://wulanji.dti.acxiom.net/wordpress/emailcontact-bundle/\]](https://wulanji.dti.acxiom.net/wordpress/emailcontact-bundle/)

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- Replaced the downloadable Synthetic Data spreadsheet in Developers Portal, and updated the Synthetic Data table in both Wulanji and Developers Portal. [<https://wulanji.dti.acxiom.net/wordpress/synthetic-data/> & <https://developer.myacxiom.com/tools/synthetic-data>]
 - Added an example to the Portrait Endpoint page that explains that the response returns the most common answer for a specified field. [<https://wulanji.dti.acxiom.net/wordpress/portrait-endpoint/>]



New Data

Refreshed data.

For this release, the source data was refreshed. No new attributes were added.