

NV2 - NameInfoV2- Recommended

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Uses the provided name to return information such as classification, gender if a person, origin, similar names, related names and validity results.

URL Endpoints

JSON:

<https://trial.serviceobjects.com/NV2/api.svc/NameInfoV2/{NAME}/{OPTION}/{LICENSEKEY}?format=json>

XML:

<https://trial.serviceobjects.com/NV2/api.svc/NameInfoV2/{NAME}/{OPTION}/{LICENSEKEY}?format=xml>

NameInfoV2 Inputs

Name	Type	Description
Name	String	The name to validate.
Option	String	Comma Separated List of Options. See available options on the Options page .
LicenseKey	String	Your license key to use the service. Sign up for a free trial key at https://www.serviceobjects.com/products/demographics-more/name-validation

NameInfoV2 Outputs

NameInfoV2

If no errors are encountered a NameInfoV2 element will be returned with the following information. If there is an error, an [Error](#) object will be returned.

Name	Type	Description
BestGuessName	NV2Name	The best guess name if a name was unable to be validated. (NV2Name is defined in the next table)
NameIn	String	The name as it was provided as input.

NameClassification	String	A determination made on the name whether it is believed to be a "Person", "Business" or "Unknown"
Prefix	String	The parsed out prefix (Mr, Mrs, etc)
FirstName	String	The parsed first name.
MiddleName	String	The parsed middle name.
LastName	String	The parsed last name
Suffix	String	The parsed suffix (Jr, Sr, II, etc)
FirstNameFound	Bool	Is the first name found in existing name tables (True / False)
IsCommonFirstName	Bool	Is the first name one of the most common first names in existing data (True / False)
FirstNameOrigin	String	National origin of the first name (Old-English, etc)
FirstNameSimilar	String	Names that phonetically sound the same as the given first name.
LastNameFound	Bool	Is the last name found in existing name tables (True / False)
IsCommonLastName	Bool	Is the last name one of the most common first names in existing data (True / False)
LastNameOrigin	String	National origin of the last name (Old-English, etc)
LastNameSimilar	String	Names that phonetically sound the same as the given last name.
Gender	String	The likely gender of the name (Male, Female, Neutral)
FirstNameAlt	String	If more than one first name is found, the second first name (ex: John and Mary Smit)
MiddleNameAlt	String	If more than one middle name is found, the second middle name
LastNameAlt	String	If more than one last name is found, the second last name
FirstNameAltFound	Bool	Is the alternative first name found in existing name tables (True / False)
LastNameAltFound	Bool	Is the last name found in existing name tables (True / False)
GenderAlt	String	If more than one name is present, the gender of the second name
RelatedNames	String	Names related to the first name (Bill, Billy, Billie, etc)
IsCorrectedName	bool	If the name has been corrected to produce better result.
IsBusinessName	bool	If the provided name is a business name.
BusinessName	String	The business name if the name provided was determined to be a business name.
VulgarityScore	Int	A score ranging from 0 to 5 indicating the likelihood the given name is a vulgar word or phrase. A score of 5 would be very likely and 0 would be not at all likely.

CelebrityScore	Int	A score ranging from 0 to 5 indicating the likelihood the given name is a celebrity. A score of 5 would be very likely and 0 would be not at all likely.
BogusScore	Int	A score ranging from 0 to 5 indicating the likelihood the given name is not a name but simply a word or phrase. A score of 5 would be very likely and 0 would be not at all likely.
GarbageScore	Int	A score ranging from 0 to 5 indicating the likelihood the given name is not a name but rather a series of random letters. A score of 5 would be very likely and 0 would be not at all likely.
FirstNameDictionaryScore	Int	A score ranging from 0 to 5 indicating the likelihood the given First name is not a name but a dictionary word. E.g., "Car" is strictly a dictionary word, but "Mark" is both a word and a name. A score of 5 would be very likely and 0 would be not at all likely.
MiddleNameDictionaryScore	Int	A score ranging from 0 to 5 indicating the likelihood the given Middle name is strictly a dictionary word. E.g., "Car" is strictly a dictionary word, but "Mark" is both a word and a name. A score of 5 would be very likely and 0 would be not at all likely.
LastNameDictionaryScore	Int	A score ranging from 0 to 5 indicating the likelihood the given Last name is strictly a dictionary word. E.g., "Car" is strictly a dictionary word, but "Mark" is both a word and a name. A score of 5 would be very likely and 0 would be not at all likely.
OverallNameScore ^[1]	Int	A score ranging from 0 to 5 indicating the quality of a given name. A score of 5 indicates the highest quality name, while a score of 0 indicates the lowest quality name. A name that is determined to be a business will be given a default score of 3.
IsNameGood	String	An analysis of whether or not the name is valid based on the results of the returned scores ("true", "false", or "unknown")
StatusCodes	Int	A code indicating penalties or extra information about a given name.
Status	String	A field offering more information about this name. Can contain messages offering suggestions for interpreting the name, etc.

NV2Name

A structure containing name information in the event a validated name could not be found.

Name	Type	Description
Prefix	String	The parsed out prefix (Mr, Mrs, etc)
FirstName	String	The parsed out first name.
MiddleName	String	The parsed out middle name.
LastName	String	The parsed out Last Name.
Suffix	String	The parsed suffix (Jr, Sr, II, etc)

References

1. ^ DOTS Name Validation 2: What Do The Scores Mean?

<http://ws.serviceobjects.com/NV2/api.svc/NameInfoV2/{NAME}/{OPTION}/{LICENSEKEY}?format=xml>