



FOUNTAINS MADRID

Group 07

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INTRODUCTION

Application to search
fountains in Madrid



DATASETS

	CODE	District	Address	Status	Longitude	Latitude
1.	FUE_01_0001	CENTRO	PLAZA COMENDADORAS	FUERA DE SERVICIO	-3.7086003	40.4272429
2.	FUE_01_0002	CENTRO	JARDINES CONDE DUQUE	EN SERVICIO	-3.7101008	40.4287238
3.	FUE_01_0003	CENTRO	PLAZA DE LAS SALESAS	FUERA DE SERVICIO	-3.6946026	40.4242464
4.	FUE_01_0004	CENTRO	PLAZA VILLA DE PARIS	EN SERVICIO	-3.6922023	40.4252981
5.	FUE_01_0005	CENTRO	PLAZA VILLA DE PARIS	EN SERVICIO	-3.6931763	40.4255618
6.	FUE_01_0006	CENTRO	PLAZA CRISTINO MARTOS	FUERA DE SERVICIO	-3.7120169	40.4256456
7.	FUE_01_0007	CENTRO	PLAZA SAN ILDEFONSO	EN SERVICIO	-3.7018126	40.4241421
8.	FUE_01_0008	CENTRO	PARQUE CASINO DE LA REINA	FUERA DE SERVICIO	-3.7049195	40.4059482
9.	FUE_01_0009	CENTRO	PLAZA DE LOS CARROS	EN SERVICIO	-3.711455	40.4116737
10.	FUE_01_0012	CENTRO	PARQUE DE LA CORNISA	FUERA DE SERVICIO	-3.7153448	40.4098378
11.	FUE_01_0017	CENTRO	PASEO DEL PRADO	EN SERVICIO	-3.6931979	40.4127243
12.	FUE_01_0018	CENTRO	CAPITAN SALAZAR MARTINEZ Nº 11	EN SERVICIO	-3.7102162	40.4071271
13.	FUE_01_0020	CENTRO	PLAZA DOS DE MAYO	FUERA DE SERVICIO	-3.7044044	40.4269465
14.	FUE_01_0021	CENTRO	PARQUE DE ATENAS	CERRADA TEMPORALMENTE	-3.7205578	40.4150604
15.	FUE_01_0024	CENTRO	JARDINES PLAZA GABRIEL MIRO	EN SERVICIO	-3.7148802	40.412665
16.	FUE_01_0027	CENTRO	CALLE SEGOVIA 30	EN SERVICIO	-3.7189277	40.4147755

	DISTRICT_IND	InhabitantsNumber
1.	ARGANZUELA	34786
2.	BARAJAS	45608
3.	CARABANCHEL	27919
4.	CENTRO	32213
5.	CHAMARTIN	26713
6.	CHAMBERI	22138
7.	CIUDAD-LINEAL	52529
8.	FUENCARRAL-EL-PARDO	50969
9.	HORTALEZA	28712
10.	LATINA	27409
11.	MONCLOA-ARAVACA	39390
12.	MORATALAZ	32212
13.	PUENTE-DE-VALLECAS	29417
14.	RETIRO	33730
15.	SALAMANCA	20209
16.	SAN-BLAS	22646

DATA-LINKING

WIKIDATA

A district has fountains

(DISTRICT_IND(distrito.csv) is linked to DISTRICT(fuentes.csv))

	CODE	District	same_as_wikidata_distrito	Address
1.	FUE_01_0001	Centro	https://wikidata.org/entity/Q1763376	PLAZA COMENDADORAS
2.	FUE_01_0002	Centro	https://wikidata.org/entity/Q1763376	JARDINES CONDE DUQUE
3.	FUE_01_0003	Centro	https://wikidata.org/entity/Q1763376	PLAZA DE LAS SALESAS
4.	FUE_01_0004	Centro	https://wikidata.org/entity/Q1763376	PLAZA VILLA DE PARIS
5.	FUE_01_0005	Centro	https://wikidata.org/entity/Q1763376	PLAZA VILLA DE PARIS
6.	FUE_01_0006	Centro	https://wikidata.org/entity/Q1763376	PLAZA CRISTINO MARTOS
7.	FUE_01_0007	Centro	https://wikidata.org/entity/Q1763376	PLAZA SAN ILDEFONSO
8.	FUE_01_0008	Centro	https://wikidata.org/entity/Q1763376	PARQUE CASINO DE LA REINA
9.	FUE_01_0009	Centro	https://wikidata.org/entity/Q1763376	PLAZA DE LOS CARROS
10.	FUE_01_0012	Centro	https://wikidata.org/entity/Q1763376	PARQUE DE LA CORNISA
11.	FUE_01_0017	Centro	https://wikidata.org/entity/Q1763376	PASEO DEL PRADO
12.	FUE_01_0018	Centro	https://wikidata.org/entity/Q1763376	CAPITAN SALAZAR MARTINEZ Nº 11
13.	FUE_01_0020	Centro	https://wikidata.org/entity/Q1763376	PLAZA DOS DE MAYO
14.	FUE_01_0021	Centro	https://wikidata.org/entity/Q1763376	PARQUE DE ATENAS
15.	FUE_01_0024	Centro	https://wikidata.org/entity/Q1763376	JARDINES PLAZA GABRIEL MIRO
16.	FUE_01_0027	Centro	https://wikidata.org/entity/Q1763376	CALLE SEGOVIA 30

ONTOLOGY

Domain

<http://www.smartCityParks.es/>

Path

<http://www.smartCityParks.es/group07>

Ontological terms path

<http://www.smartCityParks.es/group07/ontology>

Class path

[http://www.smartCityParks.es/group07/ontology/\[ontologyName\]#\[className\]](http://www.smartCityParks.es/group07/ontology/[ontologyName]#[className])

Property path

[http://www.smartCityParks.es/group07/ontology/\[ontologyName\]#\[propertyName\]](http://www.smartCityParks.es/group07/ontology/[ontologyName]#[propertyName])

Class example

<http://www.smartCityParks.es/group07/ontology/Font#Fountain>

Property example

<http://www.smartCityParks.es/group07/ontology/Dist#hasNumInhabitants>

Data path

<http://www.smartCityParks.es/group07/resource/>

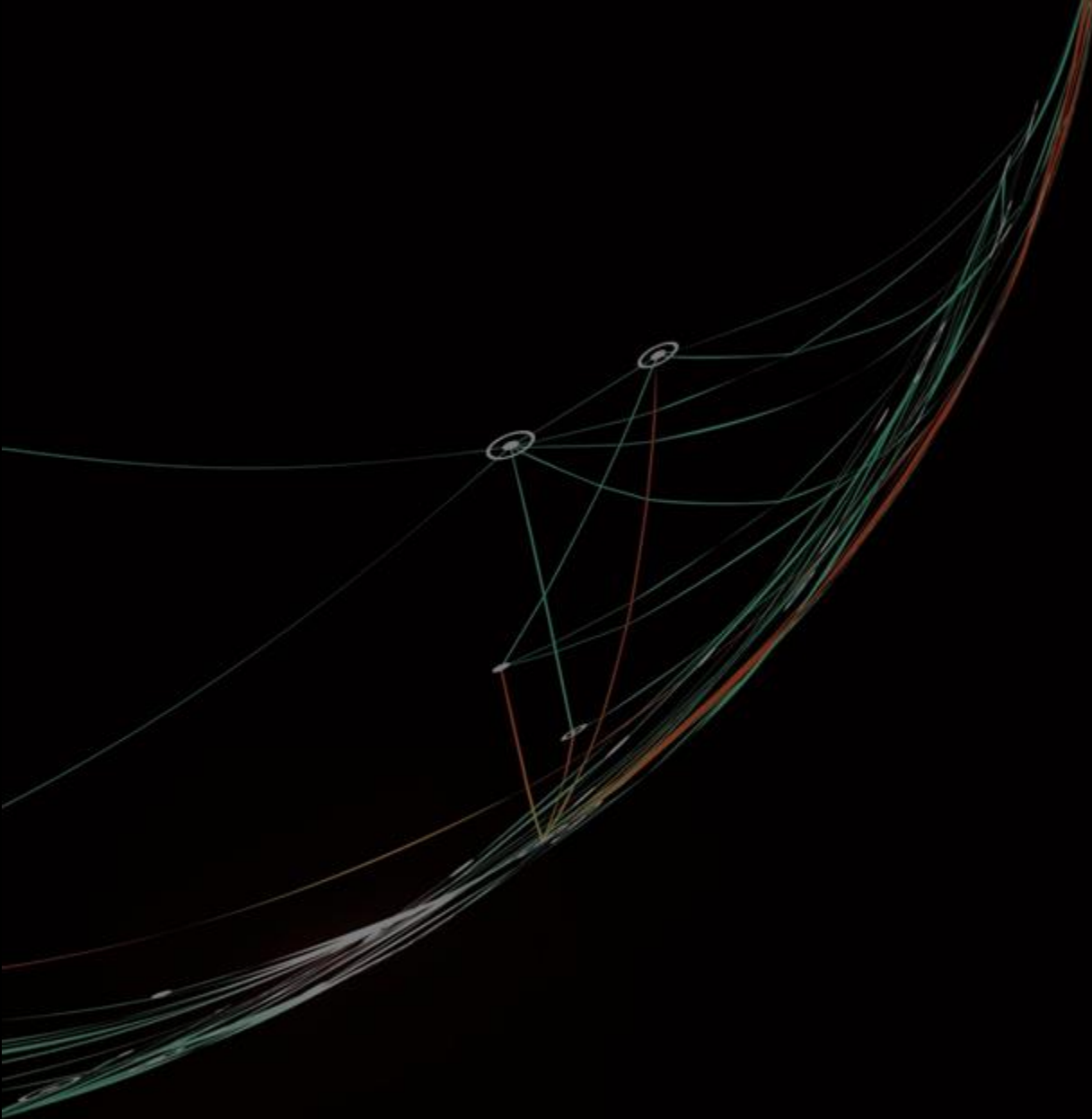
Individual path

[http://www.smartCityParks.es/group07/resource/\[className\]/\[identifier\]](http://www.smartCityParks.es/group07/resource/[className]/[identifier])

Individual example

http://www.smartCityParks.es/group07/resource/Fountain/FUE_04_0050

<http://www.smartCityParks.es/group07/resource/District/LATINA>



DEMO

DISTRICTS

1. ARGANZUELA
2. BARAJAS
3. CARABANCHEL
4. CENTRO
5. CHAMARTIN
6. CHAMBERI
7. CIUDAD-LINEAL
8. FUENCARRAL-EL-PARDO
9. HORTALEZA
10. LATINA
11. MONCLOA-ARAVACA
12. MORATALAZ
13. PUENTE-DE-VALLECAS
14. RETIRO
15. SALAMANCA
16. SAN-BLAS
17. TETUAN
18. USERA
19. VICALVARO
20. VILLA-DE-VALLECAS
21. VILLAVERTDE

Which district do you want to check fountains from?

Which district do you want to check fountains from? 4

FOUNTAIN 1

hasAddress CALLE SAN LUCAS 1
hasLatitude 40.4238133
hasLongitude -3.6971036
hasStatus IN SERVICE
DISTRICT: CENTRO
Number of inhabitants: 32213

FOUNTAIN 2

hasAddress PARQUE CASINO DE LA REINA
hasLatitude 40.4425058
hasLongitude -3.7057139
hasStatus IN SERVICE
DISTRICT: CENTRO
Number of inhabitants: 32213

FOUNTAIN 31

hasAddress CIUDAD RODRIGO JUNTO ACCESO PZA. MAYOR
hasLatitude 40.4157493
hasLongitude -3.7086386
hasStatus OUT OF SERVICE
DISTRICT: CENTRO
Number of inhabitants: 32213

FOUNTAIN 32

hasAddress PARQUE DE LA CORNISA
hasLatitude 40.4098378
hasLongitude -3.7153448
hasStatus OUT OF SERVICE
DISTRICT: CENTRO
Number of inhabitants: 32213

Which district do you want to check fountains from? 18

FOUNTAIN 1

hasAddress PARQUE DE PRADOLONGO

hasLatitude 40.3773759

hasLongitude -3.7047989

hasStatus IN SERVICE

DISTRICT: USERA

Number of inhabitants: 38453

FOUNTAIN 2

hasAddress PARQUE MESETA

hasLatitude 40.3669856

hasLongitude -3.7105887

hasStatus IN SERVICE

DISTRICT: USERA

Number of inhabitants: 38453

Which district do you want to check fountains from? 13

FOUNTAIN 1

hasAddress CALLE DOCTOR BELLIDO CON PUERTO DE LA MORCUERA (ZONA CANINA)

hasLatitude 40.384156

hasLongitude -3.6678884

hasStatus IN SERVICE

DISTRICT: PUENTE-DE-VALLECAS

Number of inhabitants: 29417

FOUNTAIN 2

hasAddress BULEVAR PEÑA GORBEA

hasLatitude 40.3954065

hasLongitude -3.6665726

hasStatus IN SERVICE

DISTRICT: PUENTE-DE-VALLECAS

Number of inhabitants: 29417