

OPEN LINKED BIG DATA 2018

BY JACQUELINE NEEF & MORITZ MEISTER

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MUSEUMS AND MONUMENTS  
MADRID

# DEMO

## HOW DID WE DO IT?



## HOW DID WE DO IT?





OPEN DATA

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## HOW DID WE DO IT?

OPEN DATA

DATA SOURCE  
ANALYSIS

DEVELOP  
ONTOLOGY

LINK  
ADDITIONAL  
DATA

WEB APP

RESOURCE  
NAMING  
STRATEGY



## DATA SOURCE ANALYSIS

NOMBRE	DESCRIPCION-ENTIDAD	HORARIO	EQUIPAMIENTO
Casa Museo Lope de Vega	'Mi casilla, mi quietud, mi g&uuml;ertecillo y estu	Para la visita es imprescindible reserva anticipada en: <a href="mailto:casmuseolopedevega@m">casmuseolopedevega@m</a>	
Casita - Museo del Ratón Pérez	La residencia de la familia Pérez está situada en l	Lunes de 17 a 20 horas. De martes a viernes de 11 a 14 horas y de 17 a 20 horas.	
Castillo de la Alameda	El Castillo de la Alameda o de Barajas se trata de	Abierto solo en fin de semana (sábado y domingo) y festivos (lunes festivos incluidos)	
Casón del Buen Retiro	Edificio que forma parte del Museo Nacional del	Mañanas De lunes a jueves, de 9 a 15 horas (Servicio de libros y otros materiales	
Centro Social y Cultural La Casa Encendida	Edificio de carácter monumental. De estilo neomu	De martes a domingo de 10 a 22 horas Biblioteca (Consulta catálogo <a href="http://koha.r">http://koha.r</a>	
Ermita de San Antonio de la Florida (Mu	Ermita dedicada a San Antonio de Padua y peque	De martes a domingos de 9:30 a 20 ho Tienda, en la que se pueden adquirir las gu	

TRANSPORTE	DESCRIPCION	ACCESIBILIDAD	NOMBRE-VIA	CLASE-VIAL	TIPO-NUM	NUM	PLANTA	LOCALIDAD	PROVINCIA
Metro: Antón Martín (línea 1). Bus: 6, 9, 10, 14, 26, 27, 32, 34, 37, 45, 57.		0	CERVANTES	CALLE	V	11		MADRID	MADRID
Metro: Sol (líneas: 1, 2 y 3), Ópera (línea 3, Ramal Ópera Pri	Venta de entradas directamente en el Museo. Recomendado a part	3	ARENAL	CALLE	V	8	1. <sup>a</sup>	MADRID	MADRID
Metro: Alameda de Osuna y El Capricho (línea 5) Bus: 10	Accesibilidad Rampa de acceso. Aseos adaptados para persona	1	ANTONIO SANCH	CALLE	V	1		MADRID	MADRID
Metro: Atocha (Línea 1) Bus: 19, 10, 14, 27, 34, 37, 45 Rer	Descripción monumental El Casón o Salón de Baile es el único vol	1	ALFONSO XII	CALLE	V	28		MADRID	MADRID
Metro: Embajadores (línea 3), Lavapiés (línea 3), Atocha (líne	Tarifas 2018: Exposiciones, Encuentros y Salidas: entrada libre Au	1	VALENCIA	RONDA	V	2		MADRID	MADRID
Metro: Príncipe Pío (líneas 5, 10 y ramal Ópera - Príncipe Pi	Accesibilidad: - Rampa de acceso al edificio - Aseos no adaptados	2	SAN ANTONIO DE LA FLORIDA	GLORIETA	V	5		MADRID	MADRID
Metro: Cercanías Madrid (líneas C-1, C-2, C-3, C-4, C-5, C-6, C-7, C-8, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16, C-17, C-18, C-19, C-20, C-21, C-22, C-23, C-24, C-25, C-26, C-27, C-28, C-29, C-30, C-31, C-32, C-33, C-34, C-35, C-36, C-37, C-38, C-39, C-40, C-41, C-42, C-43, C-44, C-45, C-46, C-47, C-48, C-49, C-50, C-51, C-52, C-53, C-54, C-55, C-56, C-57, C-58, C-59, C-60, C-61, C-62, C-63, C-64, C-65, C-66, C-67, C-68, C-69, C-70, C-71, C-72, C-73, C-74, C-75, C-76, C-77, C-78, C-79, C-80, C-81, C-82, C-83, C-84, C-85, C-86, C-87, C-88, C-89, C-90, C-91, C-92, C-93, C-94, C-95, C-96, C-97, C-98, C-99, C-100, C-101, C-102, C-103, C-104, C-105, C-106, C-107, C-108, C-109, C-110, C-111, C-112, C-113, C-114, C-115, C-116, C-117, C-118, C-119, C-120, C-121, C-122, C-123, C-124, C-125, C-126, C-127, C-128, C-129, C-130, C-131, C-132, C-133, C-134, C-135, C-136, C-137, C-138, C-139, C-140, C-141, C-142, C-143, C-144, C-145, C-146, C-147, C-148, C-149, C-150, C-151, C-152, C-153, 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Casa+Museo+Lope+de+Vega](http://www.semanticweb.org/museumsandmonumentsmadrid/resource/Casa+Museo+Lope+de+Vega)

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ANALYSIS

DEVELOP  
ONTOLOGY

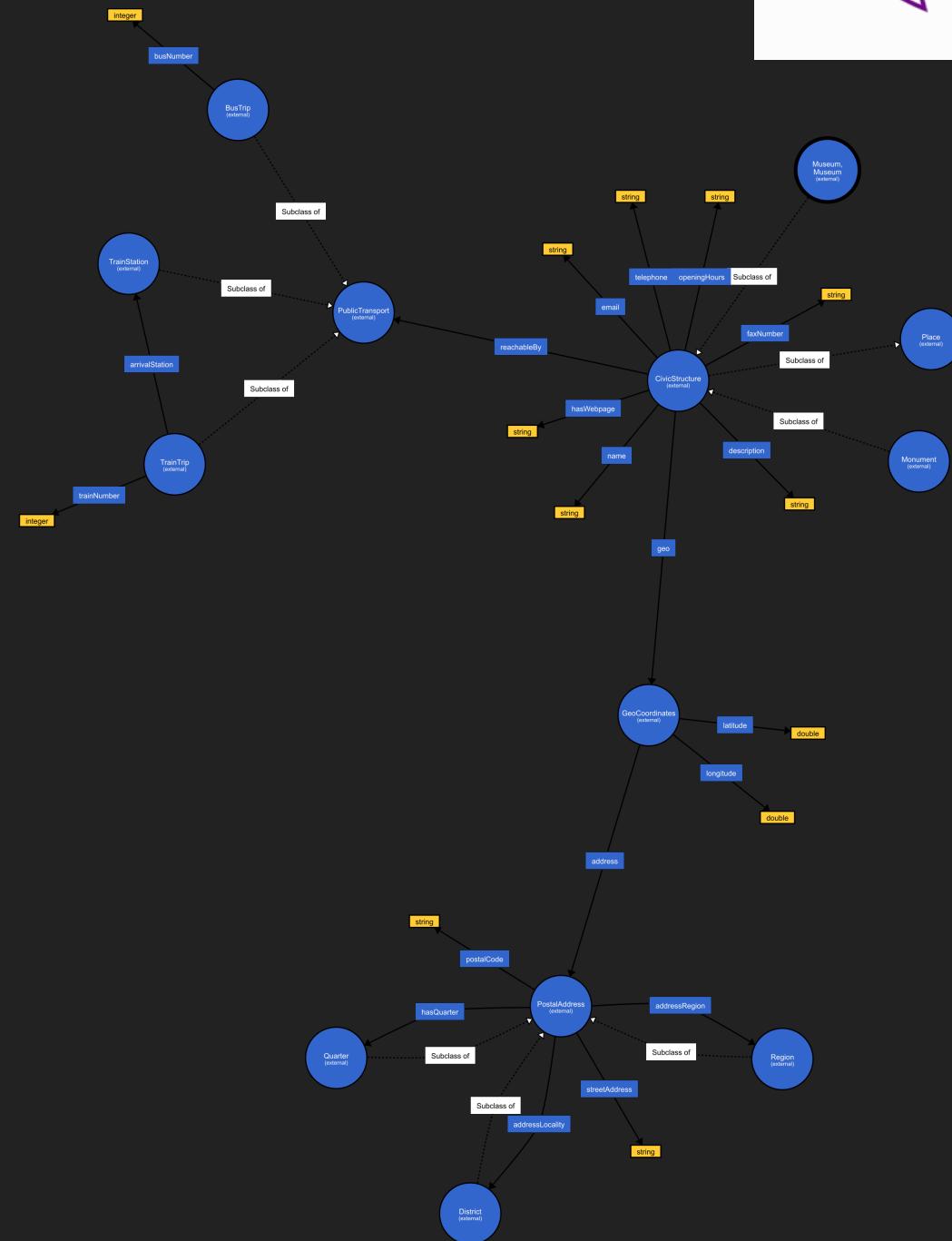
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## DEVELOP ONTOLOGY



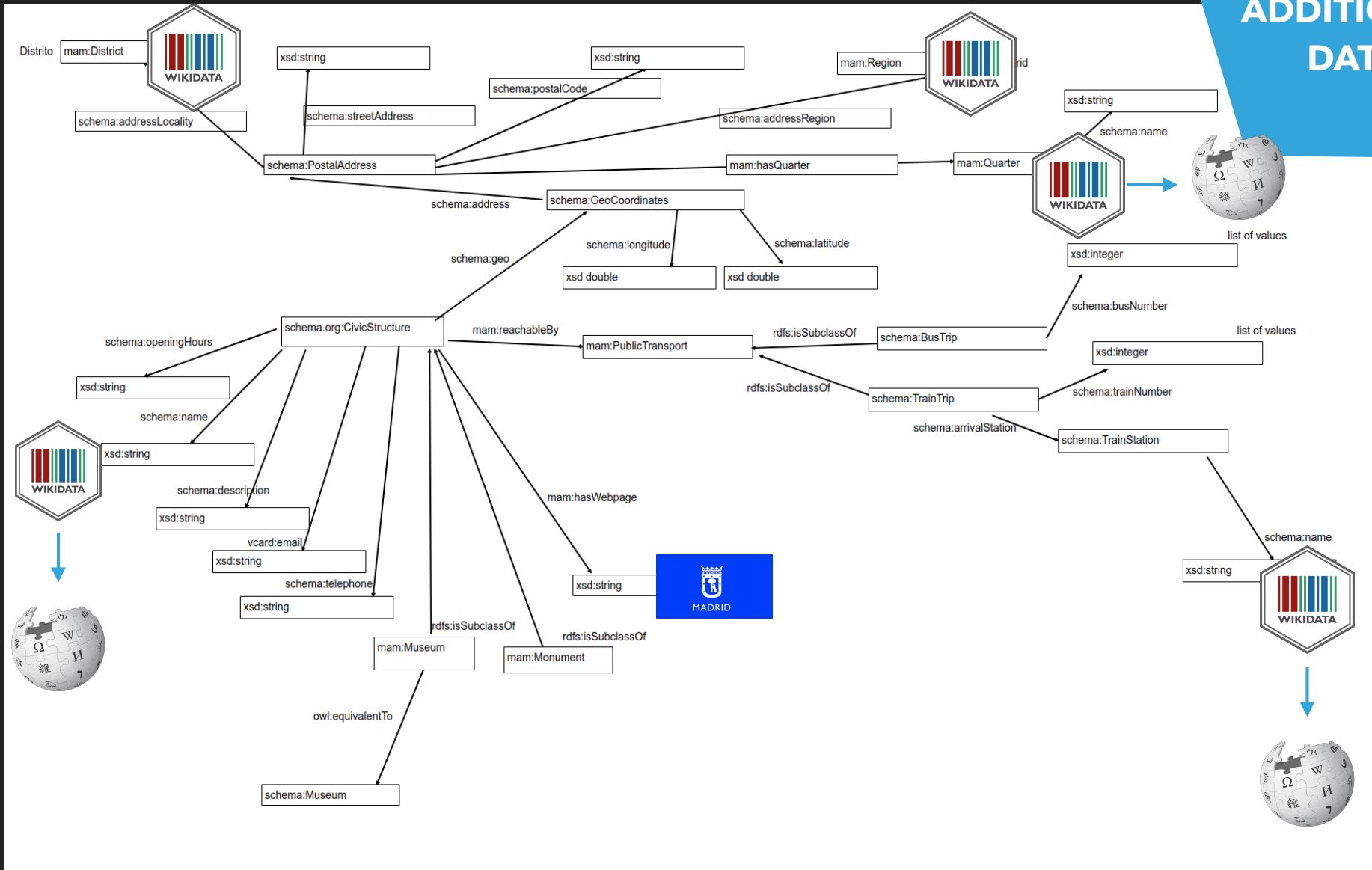
## HOW DID WE DO IT?



# OPEN Refine



LINK  
ADDITIONAL  
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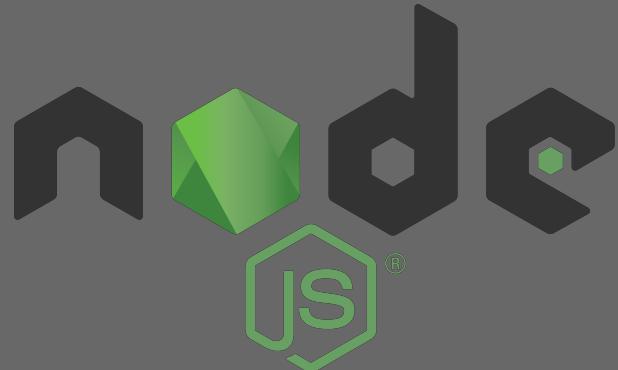
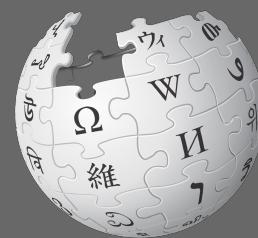
## HOW DID WE DO IT?



## ▶ Apache Jena Fuseki



Google Maps



**LINK TO OUR GITHUB REPOSITORY:**

**HTTPS://GITHUB.COM/  
MORITZMEISTER/OLBD-PROJECT**

**THANK YOU!**

**ANY QUESTIONS?**