

PG-Schema-Bench

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We export information from the queries:

Node Labels + associated properties:

```
CALL db.schema.nodeTypeProperties()
YIELD nodeType, nodeLabels, propertyName, propertyTypes, mandatory
WITH nodeType, nodeLabels,
collect({
  name: propertyName,
  types: propertyTypes,
  mandatory: mandatory
}) AS properties
RETURN
nodeType,
nodeLabels,
properties
ORDER BY nodeType;
```

Edge Labels + associated properties:

```
CALL db.schema.relTypeProperties()
YIELD relType, propertyName, propertyTypes, mandatory
WITH relType,
collect({
  name: propertyName,
  types: propertyTypes,
  mandatory: mandatory
}) AS properties
RETURN
relType,
properties
ORDER BY relType;
```

```
) AS properties  
RETURN  
relType,  
properties  
ORDER BY relType;
```

Node Types + associated properties:

```
CALL apoc.meta.nodeTypeProperties()  
YIELD nodeLabels, propertyName  
  
WITH apoc.coll.sort(nodeLabels) AS labels, propertyName  
WITH apoc.text.join(labels, ":") AS combinedLabels, propertyName  
  
WITH combinedLabels, collect(distinct propertyName) AS properties  
RETURN combinedLabels AS nodeType, properties  
ORDER BY nodeType;
```

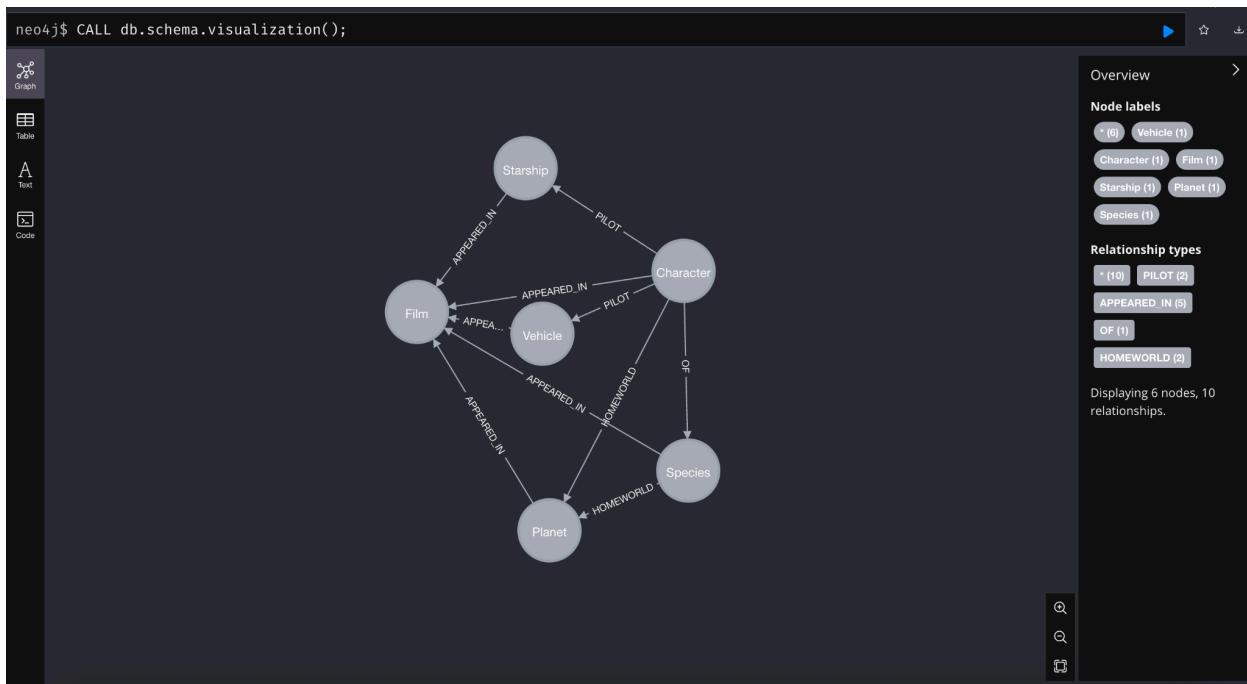
Edge Types + associated properties:

```
MATCH (s)-r->(t)  
WITH type(r) AS relType,  
apoc.text.join(apoc.coll.sort(labels(s)), ":") AS sourceLabelCombo,  
apoc.text.join(apoc.coll.sort(labels(t)), ":") AS targetLabelCombo,  
keys(r) AS props  
  
WITH relType,  
collect(distinct sourceLabelCombo) AS sources,  
collect(distinct targetLabelCombo) AS targets,  
collect(distinct props) AS propsList  
  
RETURN  
relType,  
sources,  
targets,  
apoc.coll.toSet(apoc.coll.flatten(propsList)) AS properties  
ORDER BY relType;
```

Datasets

StarWars

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Character	"created", "edited", "url", "name", "birth_year", "eye_color", "height", "gender", "skin_color", "mass", "hair_color"
Film	"created", "edited", "url", "producer", "title", "release_date", "director", "opening_crawl", "episode_id"
Planet	"created", "edited", "url", "name", "gravity", "terrain", "diameter", "climate", "population", "rotation_period", "orbital_period", "surface_water"
Species	"created", "edited", "url", "name", "average_height", "average_lifespan", "skin_colors", "hair_colors", "eye_colors", "classification", "language", "designation"
Starship	"consumables", "created", "edited", "url", "name", "cargo_capacity", "passengers", "cost_in_credits", "model", "max_atmosphering_speed", "manufacturer", "length", "crew", "starship_class", "MGLT", "hyperdrive_rating"

Vehicle	"consumables", "created", "edited", "url", "name", "cargo_capacity", "passengers", "cost_in_credits", "model", "max_atmosphering_speed", "manufacturer", "length", "crew", "vehicle_class"
---------	--

Edge Labels and associate properties:

Edge Labels	properties
APPEARED_IN	-
HOMeworld	-
OF	-
PILOT	-

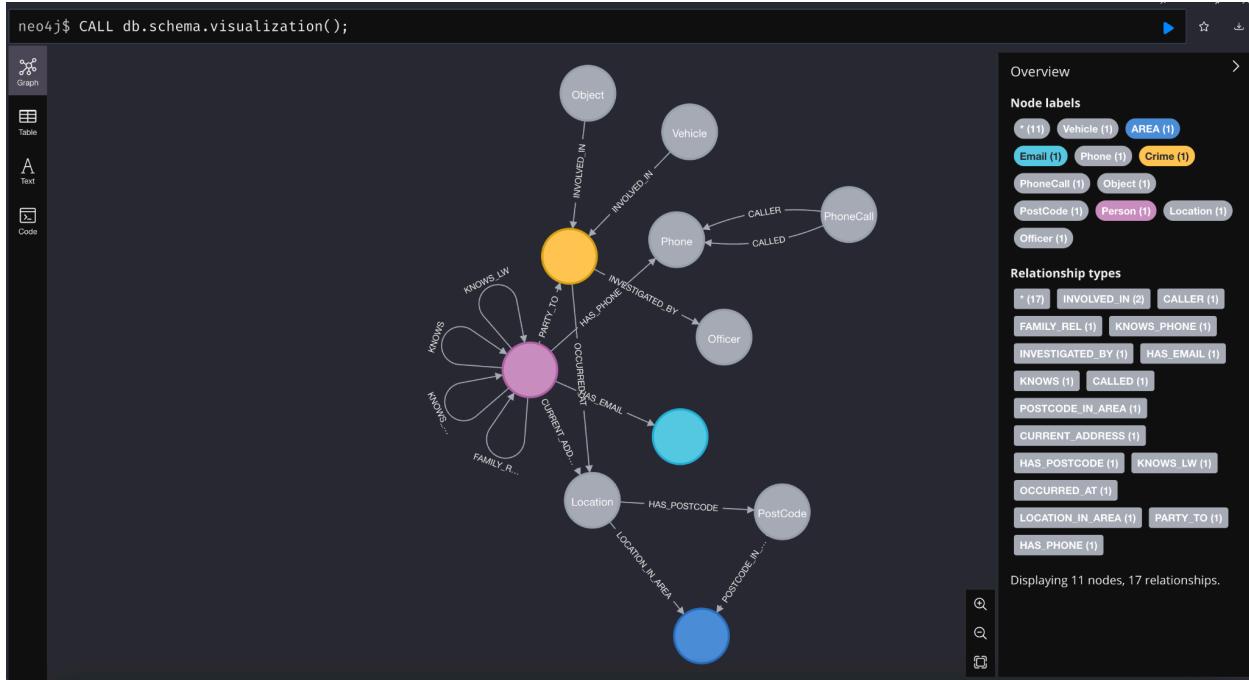
The types and associate properties are:

Node Types	properties
Character	"created", "edited", "url", "name", "birth_year", "eye_color", "height", "gender", "skin_color", "mass", "hair_color"
Film	"created", "edited", "url", "producer", "title", "release_date", "director", "opening_crawl", "episode_id"
Planet	"created", "edited", "url", "name", "gravity", "terrain", "diameter", "climate", "population", "rotation_period", "orbital_period", "surface_water"
Species	"created", "edited", "url", "name", "average_height", "average_lifespan", "skin_colors", "hair_colors", "eye_colors", "classification", "language", "designation"
Starship	"consumables", "created", "edited", "url", "name", "cargo_capacity", "passengers", "cost_in_credits", "model", "max_atmosphering_speed", "manufacturer", "length", "crew", "starship_class", "MGLT", "hyperdrive_rating"
Vehicle	"consumables", "created", "edited", "url", "name", "cargo_capacity", "passengers", "cost_in_credits", "model", "max_atmosphering_speed", "manufacturer", "length", "crew", "vehicle_class"

Edge Type Label	Source	Target	properties
APPEARED_IN	"Vehicle", "Character", "Starship", "Planet", "Species"	"Film"	-
HOMEWORLD	"Character", "Species"	"Planet"	-
OF	"Character"	"Species"	-
PILOT	"Character"	"Starship", "Vehicle"	-

POLE

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
AREA	"id", "areaCode"
Crime	"id", "last_outcome", "type", "date", "source_id", "note", "charge"
Email	"id", "email_address"
Location	"id", "address", "postcode", "latitude", "longitude"
Object	"id", "type", "source_id", "description"
Officer	"id", "rank", "surname", "badge_no", "name"
Person	"id", "surname", "nhs_no", "age", "name"
Phone	"id", "phoneNo"
PhoneCall	"id", "call_type", "call_time", "call_date", "call_duration"
PostCode	"id", "code"
Vehicle	"id", "reg", "model", "year", "make"

Edge Labels and associate properties:

Edge Labels	properties
CALLED	-
CALLER	-
CURRENT_ADDRESS	-
FAMILY_REL	rel_type
HAS_EMAIL	-
HAS_PHONE	-
HAS_POSTCODE	-
INVESTIGATED_BY	-
INVOLVED_IN	-
KNOWS_LW	-
KNOWS_PHONE	-
KNOWS	-
LOCATION_IN_AREA	-
OCCURRED_AT	-
PARTY_TO	-
POSTCODE_IN_AREA	-

The types and associate properties are:

Node Types	properties
AREA	"id", "areaCode"
Crime	"id", "last_outcome", "type", "date", "source_id", "note", "charge"
Email	"id", "email_address"
Location	"id", "address", "postcode", "latitude", "longitude"

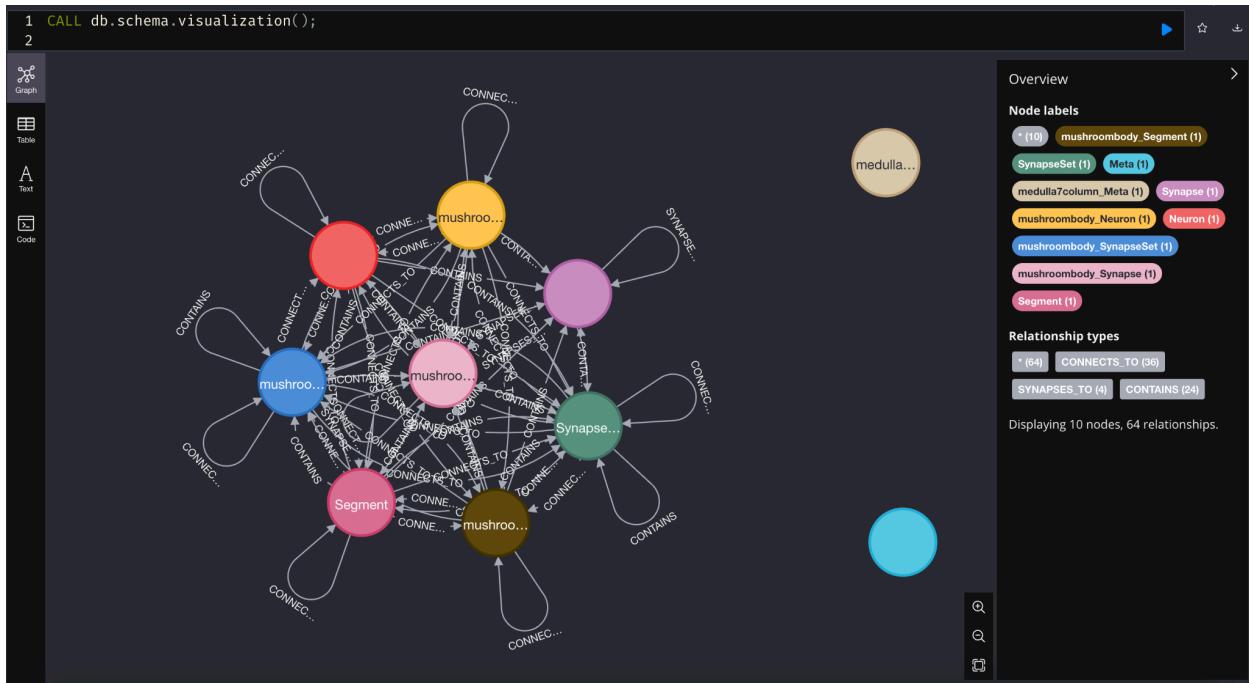
Node Types	properties
Object	"id", "type", "source_id", "description"
Officer	"id", "rank", "surname", "badge_no", "name"
Person	"id", "surname", "nhs_no", "age", "name"
Phone	"id", "phoneNo"
PhoneCall	"id", "call_type", "call_time", "call_date", "call_duration"
PostCode	"id", "code"
Vehicle	"id", "reg", "model", "year", "make"

Edge Type Label	Source	Target	properties
CALLED	"PhoneCall"	"Phone"	-
CALLER	"PhoneCall"	"Phone"	-
CURRENT_ADDRESS	"Person"	"Location"	-
FAMILY_REL	"Person"	"Person"	"rel_type"
HAS_EMAIL	"Person"	"Email"	-
HAS_PHONE	"Person"	"Phone"	-
HAS_POSTCODE	"Location"	"PostCode"	-
INVESTIGATED_BY	"Crime"	"Officer"	-
INVOLVED_IN	"Object", "Vehicle"	"Crime"	-
KNOWS_LW	"Person"	"Person"	-
KNOWS_PHONE	"Person"	"Person"	-
KNOWS	"Person"	"Person"	-
LOCATION_IN_AREA	"Location"	"AREA"	-
OCCURRED_AT	"Crime"	"Location"	-

Edge Type Label	Source	Target	properties
PARTY_TO	"Person"	"Crime"	-
POSTCODE_IN_AREA	"PostCode"	"AREA"	-

MB6

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Meta	"logo", "postHighAccuracyThreshold", "preHPThreshold", "postHPThreshold", "meshHost", "uuid", "neuroglancerInfo", "neuroglancerMeta", "statusDefinitions", "latestMutationId", "totalPreCount", "totalPostCount", "lastDatabaseEdit", "superLevelRois", "primaryRois", "roiInfo", "roiHierarchy", "dataset"
Neuron	"roiInfo", "type", "alpha3", "alpha2", "alpha1", "bodyId", "pre", "post", "status", "statusLabel", "instance", "size", "cropped"
Segment	"roiInfo", "type", "alpha3", "alpha2", "alpha1", "bodyId", "pre", "post", "status", "statusLabel", "instance", "size", "cropped"
Synapse	"type", "confidence", "location", "alpha3", "alpha2", "alpha1"
SynapseSet	-
medulla7column_Meta	"logo", "postHighAccuracyThreshold", "preHPThreshold", "postHPThreshold", "meshHost", "uuid", "neuroglancerInfo", "neuroglancerMeta", "statusDefinitions", "latestMutationId", "totalPreCount", "totalPostCount", "lastDatabaseEdit", "superLevelRois", "primaryRois", "roiInfo", "roiHierarchy",

	"dataset"
mushroombody_Neuron	"roiInfo", "type", "alpha3", "alpha2", "alpha1", "bodyId", "pre", "post", "status", "statusLabel", "instance", "size", "cropped"
mushroombody_Segment	"roiInfo", "type", "alpha3", "alpha2", "alpha1", "bodyId", "pre", "post", "status", "statusLabel", "instance", "size", "cropped"
mushroombody_Synapse	"type", "confidence", "location", "alpha3", "alpha2", "alpha1
mushroombody_Synapse_Set	-

Edge Labels and associate properties:

Edge Labels	properties
CONNECTS_TO	"roiInfo", "weight", "weightHP"
CONTAINS	-
SYNAPSES_TO	-

The types and associate properties are:

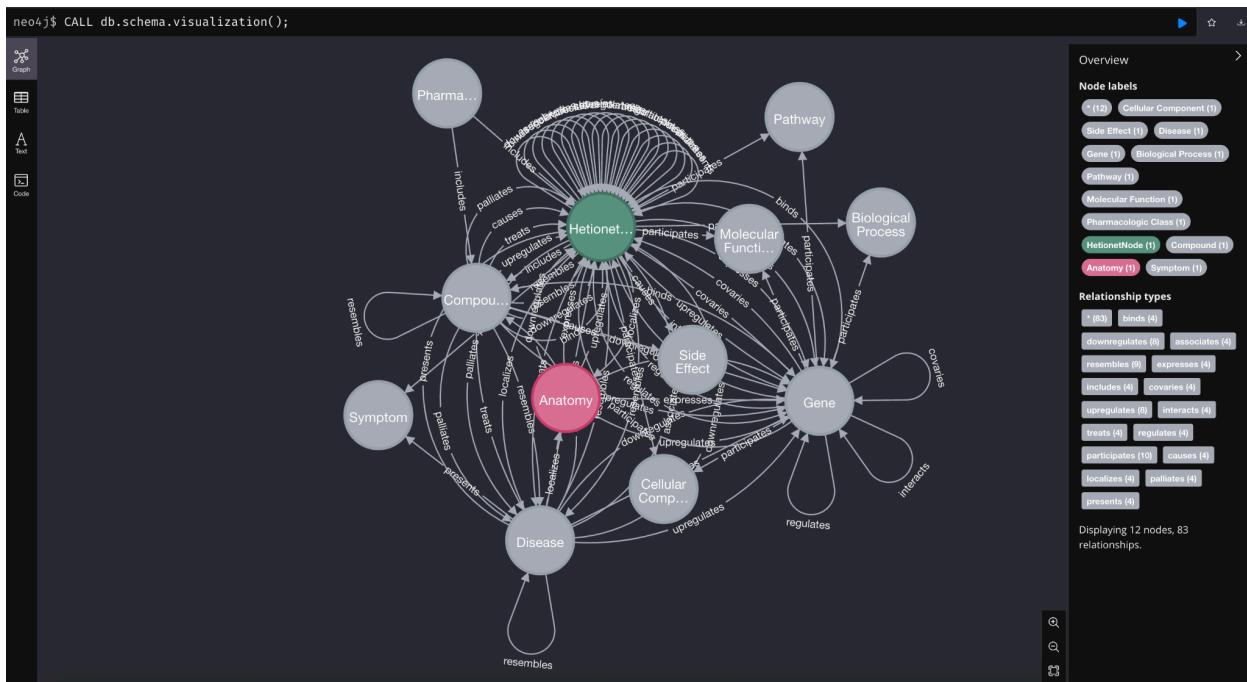
Node Types	properties
Meta:medulla7column_Meta	"primaryRois", "roiInfo", "roiHierarchy", "neuroglancerInfo", "totalPreCount", "lastDatabaseEdit", "uuid", "statusDefinitions", "preHPTThreshold", "totalPostCount", "superLevelRois", "latestMutationId", "logo", "postHighAccuracyThreshold", "meshHost", "dataset", "postHPTThreshold", "neuroglancerMeta"
Neuron:Segment:mushroombody_Neuron:mushroombody_Segment	"roiInfo", "pre", "instance", "type", "statusLabel", "post", "size", "alpha2", "alpha3", "bodyId", "cropped", "status", "alpha1"
Neuron:Segment:mushroombody	"roiInfo", "pre", "instance", "type", "statusLabel", "post", "size", "alpha2", "alpha3", "bodyId", "cropped", "status", "alpha1"

Node Types	properties
_Segment	
Synapse:mushroombody_Synapse	"alpha2", "alpha3", "location", "type", "confidence", "alpha1"
SynapseSet:mushroombody_SynapseSet	-

Edge Type Label	Source	Target	properties
CONNECTS_TO	"SynapseSet: mushroombody_SynapseSet", "Neuron:Segment:mushroombody_Neuron:mushroombody_Segment", "Neuron:Segment:mushroombody_Segment"	"SynapseSet: mushroombody_SynapseSet", "Neuron:Segment:mushroombody_Neuron:mushroombody_Segment", "Neuron:Segment:mushroombody_Segment"	"weight", "weightHP", "roiInfo"
CONTAINS	"SynapseSet: mushroombody_SynapseSet", "Neuron:Segment:mushroombody_Neuron:mushroombody_Segment", "Neuron:Segment:mushroombody_Segment"	"Synapse:mushroombody_Synapse", "SynapseSet: mushroombody_SynapseSet"	-
SYNAPSES_TO	Synapse:mushroombody_Synapse	Synapse:mushroombody_Synapse	-

HET.IO

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Anatomy	"uid", "name", "mesh_id", "license", "source", "url", "bto_id"
Biological Process	"uid", "name", "license", "source", "url"
Cellular Component	"uid", "name", "license", "source", "url"
Compound	"uid", "name", "license", "source", "url", "inchikey", "inchi"
Disease	"uid", "name", "license", "source", "url"
Gene	"uid", "name", "license", "source", "url", "chromosome", "description"
HetionetNode	"uid", "name", "license", "source", "url", "class_type", "chromosome", "description", "inchikey", "inchi", "mesh_id", "bto_id"

Molecular Function	"uid", "name", "license", "source", "url"
Pathway	"uid", "name", "license", "source", "url"
Pharmacological Class	"uid", "name", "license", "source", "url", "class_type"
Side Effect	"uid", "name", "license", "source", "url"
Symptom	"uid", "name", "license", "source", "url"

Edge Labels and associate properties:

Edge Labels	properties
associates	"license", "unbiased", "sources"
binds	"license", "urls", "pubmed_ids", "unbiased", "sources", "affinity_nM", "actions"
causes	"license", "source", "url", "unbiased"
covaries	"source", "unbiased"
downregulates	"license", "source", "method", "z_score", "unbiased", "log2_fold_change"
expresses	"license", "unbiased", "sources"
includes	"license", "source", "unbiased"
interacts	"unbiased", "sources"
localizes	"license", "source", "unbiased"
palliates	"license", "source", "unbiased"
participates	"license", "source", "url", "unbiased"
presents	"license", "source", "unbiased"
regulates	"source", "method", "unbiased", "subtypes"
resembles	"license", "source", "unbiased", "similarity"
treats	"license", "source", "unbiased"
upregulates	"license", "source", "method", "z_score", "unbiased", "log2_fold_change"

The types and associate properties are:

Node Types	properties
Anatomy:HetionetNode	"uid", "license", "name", "mesh_id", "source", "bto_id", "url"
Biological Process:HetionetNode	"name", "uid", "license", "source", "url"
Cellular Component:HetonetNode	"name", "uid", "license", "source", "url"
Compound:HetionetNode	"uid", "license", "inchikey", "inchi", "name", "source", "url"
Disease:HetionetNode	"name", "uid", "license", "source", "url"
Gene:HetonetNode	"uid", "license", "chromosome", "name", "description", "source", "url"
HetionetNode:Molecular Function	"name", "uid", "license", "source", "url"
HetionetNode:Pathway	"name", "uid", "license", "source", "url"
HetionetNode:Pharmacologic Class	"name", "license", "uid", "source", "class_type", "url"
HetionetNode:Side Effect	"name", "uid", "license", "source", "url"
HetionetNode:Symptom	"name", "uid", "license", "source", "url"

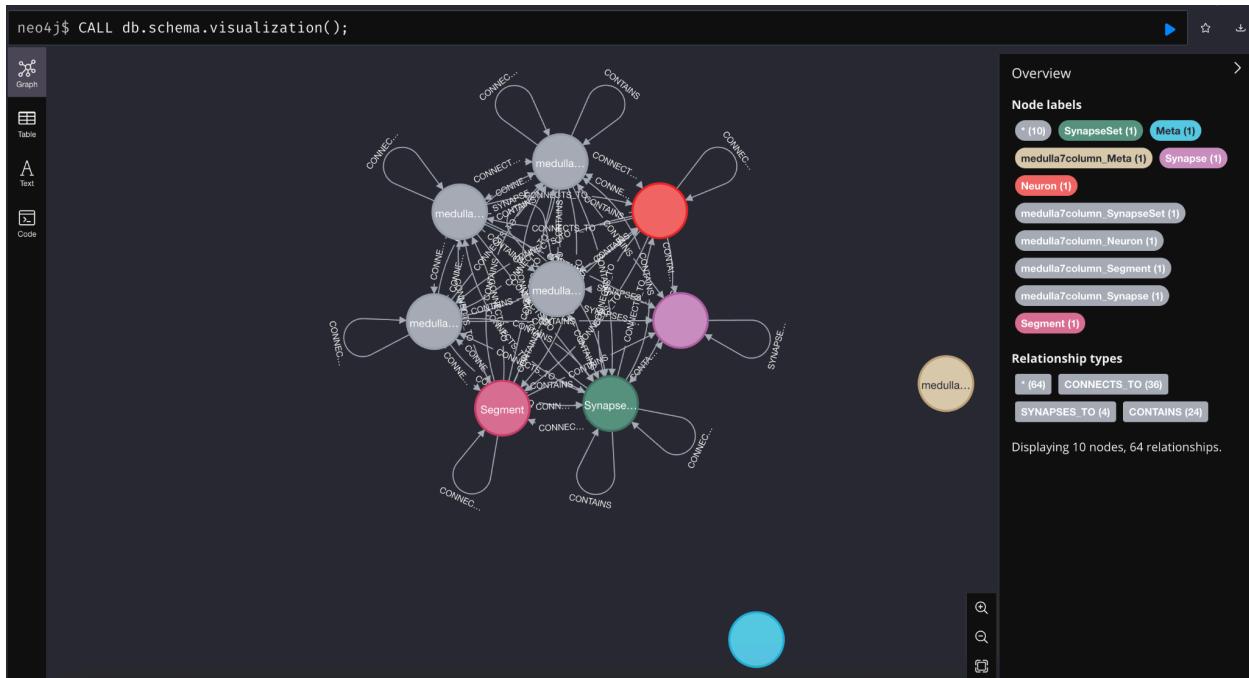
Edge Type Label	Source	Target	properties
associates	"Disease:HetionetNode"	"Gene:HetionetNode"	"unbiased", "sources", "license"
binds	"Compound:HetonetNode"	"Gene:HetionetNode"	"license", "unbiased", "sources", "pubmed_ids", "actions", "urls",

Edge Type Label	Source	Target	properties
	"		"affinity_nM"
causes	"Compound:HetonetNode"	"HetionetNode:Side Effect"	"source", "url", "unbiased", "license"
covaries	"Gene:HetonetNode"	"Gene:Hetione tNode"	"unbiased", "source"
downregulates	"Anatomy:HetonetNode", "Compound:HetonetNode", "Disease:HetonetNode"	"Gene:Hetione tNode"	"unbiased", "source", "z_score", "method", "log2_fold_change", "license"
expresses	"Anatomy:HetonetNode"	"Gene:Hetione tNode"	"unbiased", "sources", "license"
includes	"HetionetNode:Pharmacologic Class"	"Compound:HetonetNode"	"source", "unbiased", "license"
interacts	"Gene:HetonetNode"	"Gene:Hetione tNode"	"unbiased", "sources"
localizes	"Disease:HetonetNode"	"Anatomy:HetonetNode"	"source", "unbiased", "license"
palliates	"Compound:HetonetNode"	"Disease:HetonetNode"	"source", "unbiased", "license"
participates	"Gene:HetonetNode"	"Biological Process:HetonetNode", "HetionetNode:Pathway", "HetionetNode:Molecular Function", "Cellular Component:HetonetNode"	"source", "unbiased", "license", "url"
presents	"Disease:HetonetNode"	"HetionetNode:Symptom"	"source", "unbiased", "license"

Edge Type Label	Source	Target	properties
regulates	"Gene:HetionetNode"	"Gene:Hetione tNode"	"source", "unbiased", "method", "subtypes"
resembles	"Compound: HetionetNode", "Disease:HetionetNode"	"Compound:HetionetNode", "Disease:HetionetNode"	"source", "similarity", "unbiased", "license"
treats	"Compound: HetionetNode"	"Disease:HetionetNode"	"source", "unbiased", "license"
upregulates	"Anatomy:HetionetNode", "Compound: HetionetNode", "Disease:HetionetNode"	"Gene:Hetione tNode"	"unbiased", "source", "z_score", "method", "log2_fold_change", "license"

FIB25

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Meta	"logo", "postHighAccuracyThreshold", "preHPThreshold", "postHPThreshold", "meshHost", "uuid", "neuroglancerInfo", "neuroglancerMeta", "statusDefinitions", "latestMutationId", "totalPreCount", "totalPostCount", "lastDatabaseEdit", "superLevelRois", "primaryRois", "roiInfo", "roiHierarchy", "dataset"
Neuron	"roiInfo", "type", "distal", "proximal", "bodyId", "pre", "post", "status", "statusLabel", "cropped", "instance", "size"
Segment	"roiInfo", "type", "distal", "proximal", "bodyId", "pre", "post", "status", "statusLabel", "cropped", "instance", "size"
Synapse	"type", "confidence", "location", "distal", "proximal"
SynapseSet	-
medulla7column_Meta	"logo", "postHighAccuracyThreshold", "preHPThreshold", "postHPThreshold", "meshHost", "uuid", "neuroglancerInfo", "neuroglancerMeta", "statusDefinitions", "latestMutationId", "totalPreCount", "totalPostCount", "lastDatabaseEdit", "superLevelRois", "primaryRois", "roiInfo", "roiHierarchy", "dataset"

medulla7column_Neuron	"roiInfo", "type", "distal", "proximal", "bodyId", "pre", "post", "status", "statusLabel", "cropped", "instance", "size"
medulla7column_Segment	"roiInfo", "type", "distal", "proximal", "bodyId", "pre", "post", "status", "statusLabel", "cropped", "instance", "size"
medulla7column_Synapse	"type", "confidence", "location", "distal", "proximal
medulla7column_Synapse_Set	-

Edge Labels and associate properties:

Edge Labels	properties
CONNECTS_TO	"roiInfo", "weight", "weightHP"
CONTAINS	-
SYNAPSES_TO	-

The types and associate properties are:

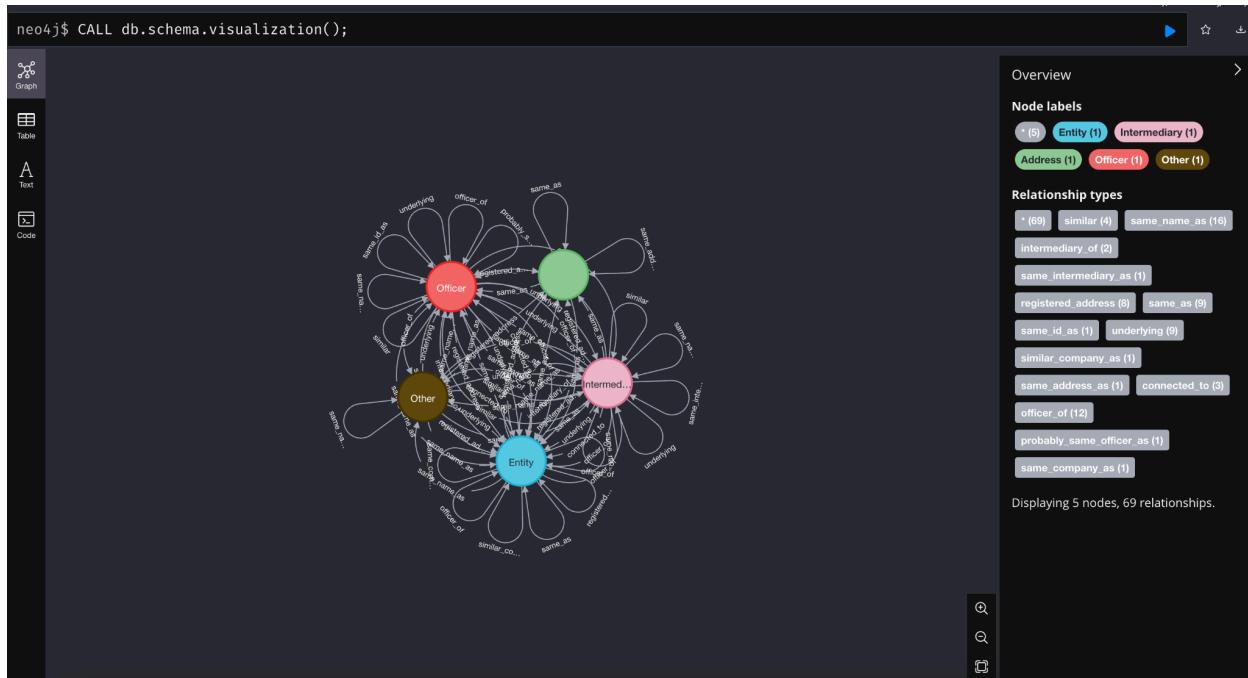
Node Types	properties
Meta:medulla7column_Meta	"primaryRois", "roiInfo", "roiHierarchy", "neuroglancerInfo", "totalPreCount", "lastDatabaseEdit", "uuid", "statusDefinitions", "preHPTThreshold", "totalPostCount", "superLevelRois", "latestMutationId", "logo", "postHighAccuracyThreshold", "meshHost", "dataset", "postHPTThreshold", "neuroglancerMeta"
Neuron:Segment:medulla7column_Neuron:medulla7column_Segment	"roiInfo", "pre", "instance", "distal", "post", "size", "proximal", "bodyId", "type", "cropped", "statusLabel", "status"
Neuron:Segment:medulla7column_N_Segment	"roiInfo", "pre", "distal", "instance", "post", "size", "proximal", "bodyId", "cropped", "statusLabel", "status"
Synapse:medulla7column_Synapse	"location", "proximal", "distal", "type", "confidence"

Node Types	properties
SynapseSet:medulla7column_SynapseSet	-

Edge Type Label	Source	Target	properties
CONNECTS_TO	"SynapseSet:medulla7column_SynapseSet", "Neuron:Segment:medulla7column_Neuron:medulla7column_Segment", "Neuron:Segment:medulla7column_Segment"	"SynapseSet:medulla7column_SynapseSet", "Neuron:Segment:medulla7column_Segment", "Neuron:Segment:medulla7column_Neuron:medulla7column_Segment"	"weight", "weightHP", "roiInfo"
CONTAINS	"SynapseSet:medulla7column_SynapseSet", "Neuron:Segment:medulla7column_Neuron:medulla7column_Segment", "Neuron:Segment:medulla7column_Segment"	"Synapse:medulla7column_Synapse", "SynapseSet:medulla7column_SynapseSet"	-
SYNAPSES_TO	"Synapse:medulla7column_Synapse"	"Synapse:medulla7column_Synapse"	-

ICIJ

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Address	"node_id", "sourceID", "name", "status", "address", "valid_until", "icij_id", "note", "countries", "country_codes", "original_address", "addressID", "country", "country_code", "lastEditTimestamp"
Entity	"node_id", "sourceID", "internal_id", "name", "original_name", "jurisdiction", "jurisdiction_description", "incorporation_date", "inactivation_date", "struck_off_date", "status", "service_provider", "address", "ibcRUC", "valid_until", "former_name", "note", "dorm_date", "company_type", "tax_stat_description", "countries", "country_codes", "company_number", "type", "registration_date", "closed_date", "comments", "lastEditTimestamp", "entity_number"
Intermediary	"node_id", "sourceID", "internal_id", "name", "status", "address", "valid_until", "note", "countries", "country_codes", "registered_office", "lastEditTimestamp"
Officer	"node_id", "sourceID", "name", "status", "address", "valid_until", "icij_id", "note", "end_date", "countries", "country_codes", "lastEditTimestamp"
Other	"node_id", "sourceID", "name", "jurisdiction", "jurisdiction_description", "incorporation_date", "struck_off_date", "valid_until", "note", "countries", "country_codes", "closed_date", "type", "lastEditTimestamp"

Edge Labels and associate properties:

Edge Labels	properties
connected_to	"sourceID", "valid_until", "link"
intermediary_of	"sourceID", "valid_until", "link", "start_date", "end_date", "lastEditTimestamp"
officer_of	"sourceID", "status", "valid_until", "link", "start_date", "end_date", "lastEditTimestamp"
probably_same_officer_as	"sourceID", "valid_until", "link"
registered_address	"sourceID", "valid_until", "link", "lastEditTimestamp"
same_address_as	"sourceID", "valid_until", "link"
same_as	"link"
same_company_as	"sourceID", "valid_until", "link"
same_id_as	"sourceID", "valid_until", "link"
same_intermediary_as	"sourceID", "valid_until", "link"
same_name_as	"sourceID", "valid_until", "link", "lastEditTimestamp"
similar_company_as	"sourceID", "valid_until", "link"
similar	"link"
underlying	"sourceID", "valid_until", "link", "lastEditTimestamp"

The types and associate properties are:

Node Types	properties
Address	"sourceID", "country", "address", "icij_id", "countries", "addressID", "country_code", "lastEditTimestamp", "valid_until", "name",

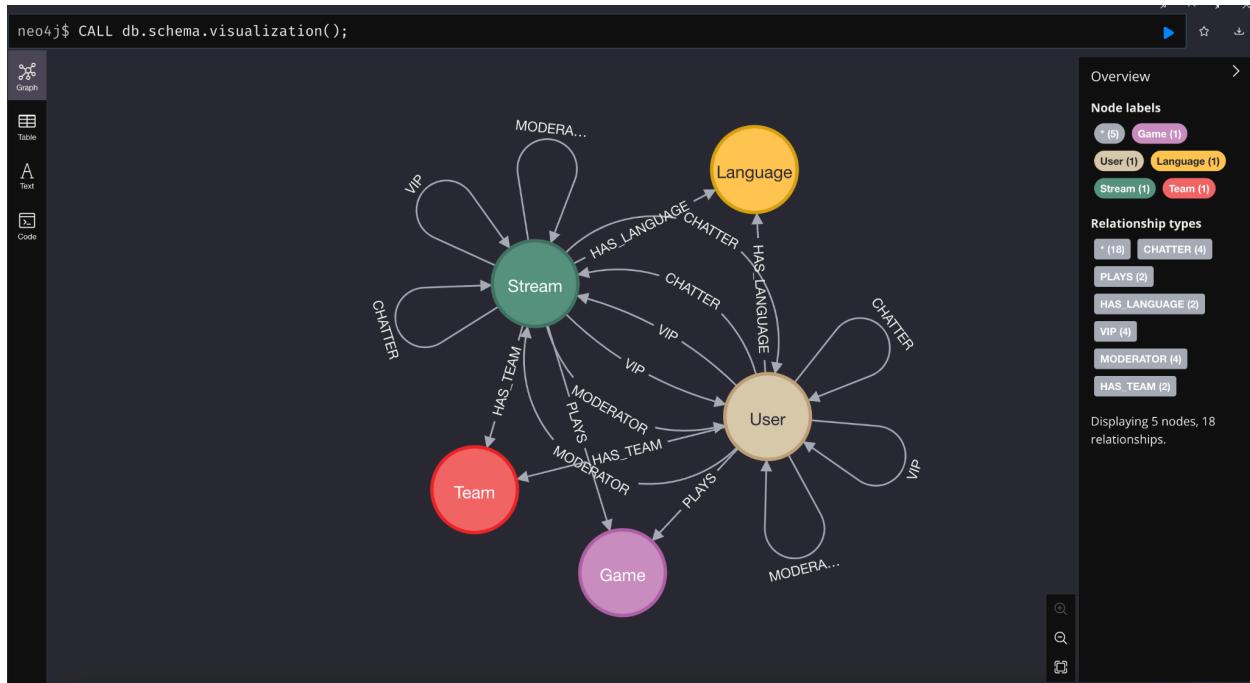
Node Types	properties
	"original_address", "country_codes", "node_id"
Entity	"company_type", "note", "closed_date", "former_name", "jurisdiction", "dorm_date", "type", "country_codes", "incorporation_date", "sourceID", "address", "comments", "internal_id", "entity_number", "struck_off_date", "tax_stat_description", "service_provider", "countries", "jurisdiction_description", "lastEditTimestamp", "company_number", "valid_until", "ibcRUC", "original_name", "name", "inactivation_date", "status", "node_id"
Intermediary	"sourceID", "lastEditTimestamp", "address", "valid_until", "internal_id", "name", "country_codes", "countries", "registered_office", "status", "node_id"
Intermediary:Officer	"sourceID", "lastEditTimestamp", "valid_until", "name", "country_codes", "countries", "node_id"
Officer	"sourceID", "note", "lastEditTimestamp", "valid_until", "name", "icij_id", "country_codes", "countries", "node_id"
Other	"sourceID", "note", "closed_date", "jurisdiction", "struck_off_date", "countries", "jurisdiction_description", "type", "lastEditTimestamp", "valid_until", "name", "country_codes", "incorporation_date", "node_id"

Edge Type Label	Source	Target	properties
connected_to	"Other", "Officer", "Intermediary"	"Entity"	"sourceID", "link", "valid_until"
intermediary_of	"Intermediary", "Intermediary:Officer"	"Entity"	"valid_until", "sourceID", "link", "end_date", "start_date", "lastEditTimestamp"
officer_of	"Officer", "Intermediary:Officer", "Entity", "Intermediary"	"Entity", "Intermediary", "Officer", "Other"	"valid_until", "link", "end_date", "sourceID", "start_date", "status", "lastEditTimestamp"
probably_same_of_ficer_as	"Officer"	"Officer"	"link", "valid_until", "sourceID"
registered_addresses	"Entity",	"Address",	"link", "sourceID", "valid_until",

Edge Type Label	Source	Target	properties
s	"Officer", "Intermediary: Officer", "Intermediary ", "Other"	"Entity"	"lastEditTimestamp"
same_address_as	"Address"	"Address"	"valid_until", "sourceID", "link"
same_as	"Entity", "Address", "Intermediary "	"Entity", "Address", "Officer"	"link"
same_company_a s	"Entity"	"Entity"	"valid_until", "sourceID", "link"
same_id_as	"Officer"	"Officer"	"sourceID", "link", "valid_until"
same_intermediar y_as	"Intermediary "	"Intermediary"	"link", "valid_until", "sourceID"
same_name_as	"Intermediary ", "Officer", "Entity", "Other"	"Intermediary", "Officer", "Intermediary: Officer", "Entity", "Other"	"valid_until", "sourceID", "link", "lastEditTimestamp"
similar_company_ as	"Intermediary ", "Officer", "Intermediary: Officer"	"Intermediary", "Officer", "Intermediary: Officer"	"link"
similar	"Entity"	"Entity"	"valid_until", "sourceID", "link"
underlying	"Officer", "Intermediary: Officer", "Other"	"Officer", "Intermediary: Officer", "Entity"	"link", "valid_until", "sourceID", "lastEditTimestamp"

Twitch

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Game	"name"
Language	"name"
Stream	"name", "followers", "url", "createdAt", "id", "total_view_count", "description"
Team	"name", "createdAt", "id"
User	"name", "followers", "url", "createdAt", "id", "total_view_count", "description"

Edge Labels and associate properties:

Edge Labels	properties
CHATTER	-
HAS_LANGUAGE	-

Edge Labels	properties
HAS_TEAM	-
MODERATOR	-
PLAYS	-
VIP	-

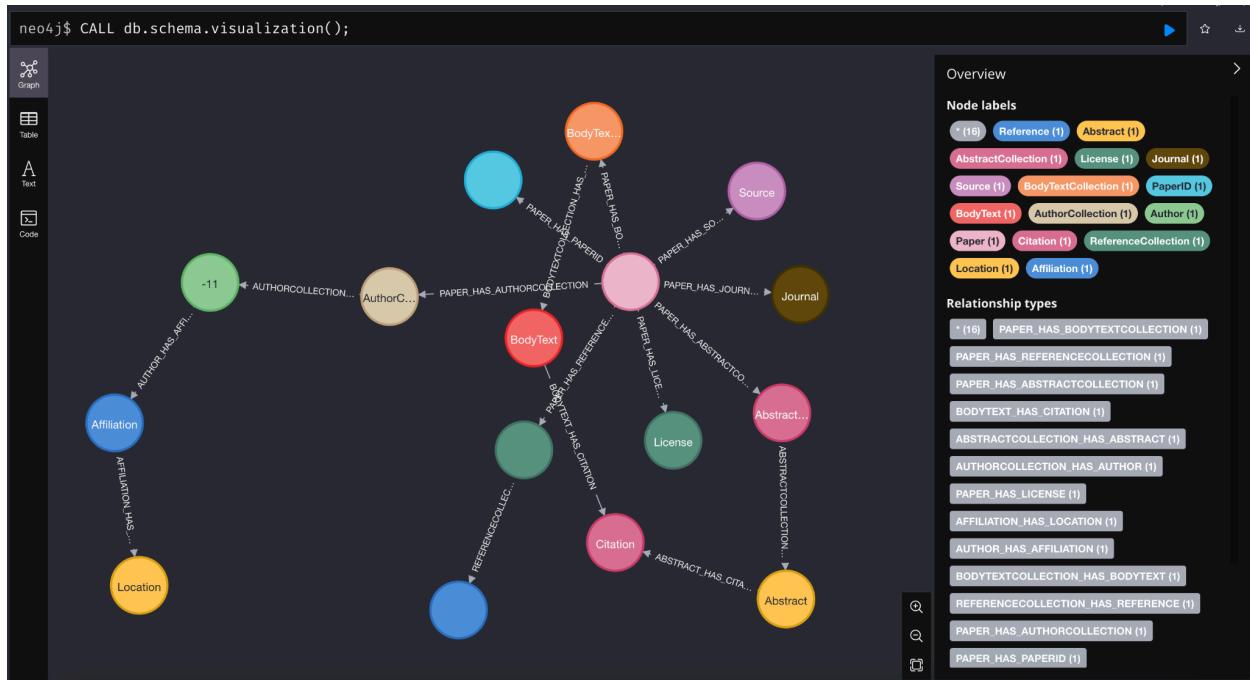
The types and associate properties are:

Node Types	properties
Game	"name"
Language	"name"
Stream:User	"createdAt", "followers", "name", "description", "id", "total_view_count", "url"
Team	"name", "createdAt", "id"
User	"name"

Edge Type Label	Source	Target	properties
CHATTER	"User", "Stream:User" "	"Stream:User"	-
HAS_LANGUAGE	"Stream:User" "	"Language"	-
HAS_TEAM	"Stream:User" "	"Team"	-
MODERATOR	"User", "Stream:User" "	"Stream:User"	-
PLAYS	"Stream:User" "	"Game"	-
VIP	"User", "Stream:User" "	"Stream:User"	-

Cord19

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Abstract	"abstractId", "text"
AbstractCollection	"absCollId"
Affiliation	"laboratory", "institution", "affId"
Author	"authorId", "first", "middle", "last", "email", "suffix"
AuthorCollection	"acId"
BodyText	"text", "bodyId", "section"
BodyTextCollection	"bodyCollId"
Citation	"text", "citId"
Journal	"name", "journalId"
License	"name", "licenseId"

Location	"locId", "region", "country", "postcode", "settlement"
Paper	"title", "paperId", "cord_uid", "doi", "pmcid", "pubmed_id", "publish_time", "journal", "source_x", "url"
PaperID	"paperRefId", "type", "value"
Reference	"refId", "name", "title", "year", "venue"
ReferenceCollection	"refColId"
Source	"name", "sourceId"

Edge Labels and associate properties:

Edge Labels	properties
ABSTRACTCOLLECTION_HAS_ABSTRACT	-
ABSTRACT_HAS_CITATION	-
AFFILIATION_HAS_LOCATION	-
AUTHORCOLLECTION_HAS_AUTHOR	-
AUTHOR_HAS_AFFILIATION	-
BODYTEXTCOLLECTION_HAS_BODYTEXT	-
BODYTEXT_HAS_CITATION	-
PAPER_HAS_ABSTRACT_COLLECTION	-
PAPER_HAS_AUTHORTCOLLECTION	-
PAPER_HAS_BODYTEXT_COLLECTION	-
PAPER_HAS_JOURNAL	-

Edge Labels	properties
PAPER_HAS_LICENSE	-
PAPER_HAS_PAPERID	-
PAPER_HAS_REFERENCECOLLECTION	-
PAPER_HAS_SOURCE	-
REFERENCECOLLECTION_HAS_REFERENCE	-

The types and associate properties are:

Node Types	properties
Abstract	"abstractId", "text"
AbstractCollection	"absCollId"
Affiliation	"laboratory", "institution", "affId"
Author	"authorId", "first", "middle", "last", "email", "suffix"
AuthorCollection	"acId"
BodyText	"text", "bodyId", "section"
BodyTextCollection	"bodyCollId"
Citation	"text", "citId"
Journal	"name", "journalId"
License	"name", "licenseId"
Location	"locId", "region", "country", "postcode", "settlement"
Paper	"title", "paperId", "cord_uid", "doi", "pmcid", "pubmed_id", "publish_time", "journal", "source_x", "url"
PaperID	"paperRefId", "type", "value"
Reference	"refId", "name", "title", "year", "venue"

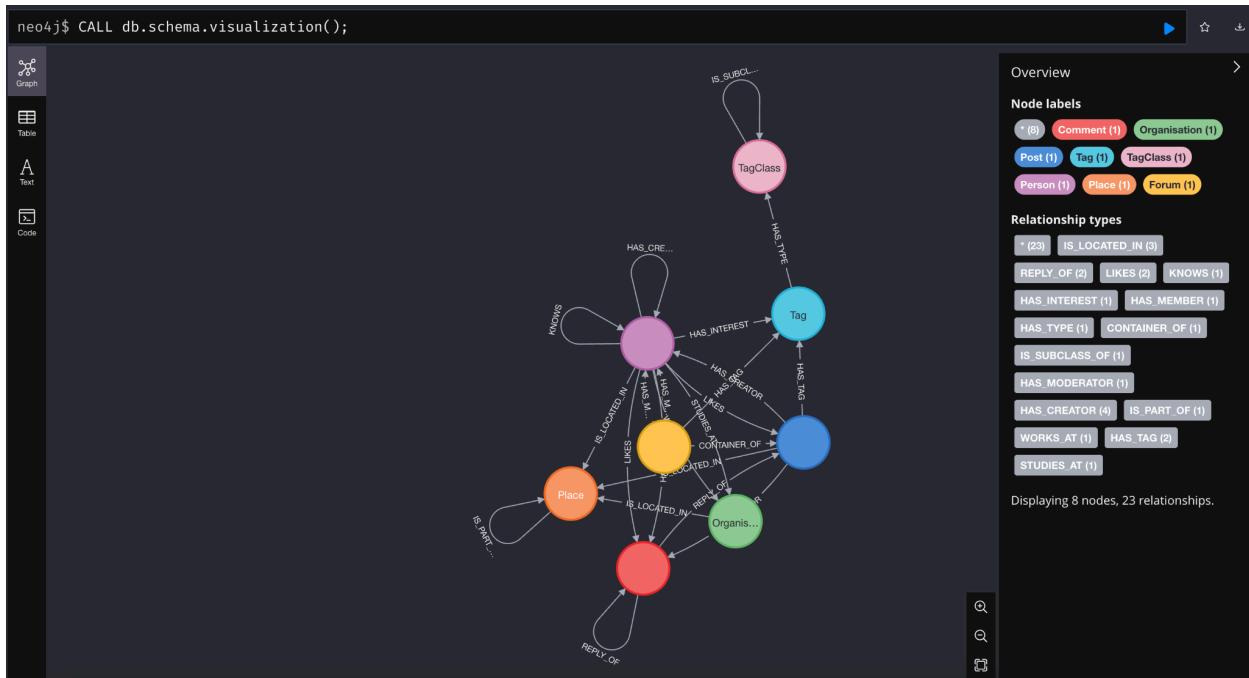
Node Types	properties
ReferenceCollection	"refCollId"
Source	"name", "sourceId"

Edge Type Label	Source	Target	properties
ABSTRACTCOLLECTION_HAS_ABSTRACT	"AbstractCollection"	"Abstract"	-
ABSTRACT_HAS_CITATION	"Abstract"	"Citation"	-
AFFILIATION_HAS_LOCATION	"Affiliation"	"Location"	-
AUTHORCOLLECTION_HAS_AUTHOR	"AuthorCollection"	"Author"	-
AUTHOR_HAS_AFFILIATION	"Author"	"Affiliation"	-
BODYTEXTCOLLECTION_HAS_BODYTEXT	"BodyTextCollection"	"BodyText"	-
BODYTEXT_HAS_CITATION	"BodyText"	"Citation"	-
PAPER_HAS_ABSTRACTCOLLECTION	"Paper"	"AbstractCollection"	-
PAPER_HAS_AUTHORCOLLECTION	"Paper"	"AuthorCollection"	-
PAPER_HAS_BODYTEXTCOLLECTION	"Paper"	"BodyTextCollection"	-
PAPER_HAS_JOURNAL	"Paper"	"Journal"	-
PAPER_HAS_LICENSE	"Paper"	"License"	-

Edge Type Label	Source	Target	properties
ENSE			
PAPER_HAS_PA PERID	"Paper"	"PaperID"	-
PAPER_HAS_RE FERENCECOLLE CTION	"Paper"	"ReferenceCol lection"	-
PAPER_HAS_SO URCE	"Paper"	"Source"	-
REFERENCECOL LECTION_HAS_R EFERENCE	"ReferenceC ollection"	"Reference"	-

LDBC

The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
Comment	"id", "creationDate", "locationIP", "browserUsed", "content", "length"
Forum	"id", "creationDate", "title"
Organisation	"id", "type", "name", "url"
Person	"id", "creationDate", "locationIP", "browserUsed", "firstName", "lastName", "gender", "birthday"
Place	"id", "type", "name", "url"
Post	"id", "creationDate", "locationIP", "browserUsed", "content", "length", "language", "imageFile"
Tag	"id", "name", "url"
TagClass	"id", "name", "url"

Edge Labels and associate properties:

Edge Labels	properties
CONTAINER_OF	-
HAS_CREATOR	-
HAS_INTEREST	-
HAS_MEMBER	"joinDate"
HAS_MODERATOR	-
HAS_TAG	-
HAS_TYPE	-
IS_LOCATED_IN	-
IS_PART_OF	-
IS_SUBCLASS_OF	-
KNOWS	"creationDate"
LIKES	"creationDate"
REPLY_OF	-
STUDIES_AT	"classYear"
WORKS_AT	"workFrom"

The types and associate properties are:

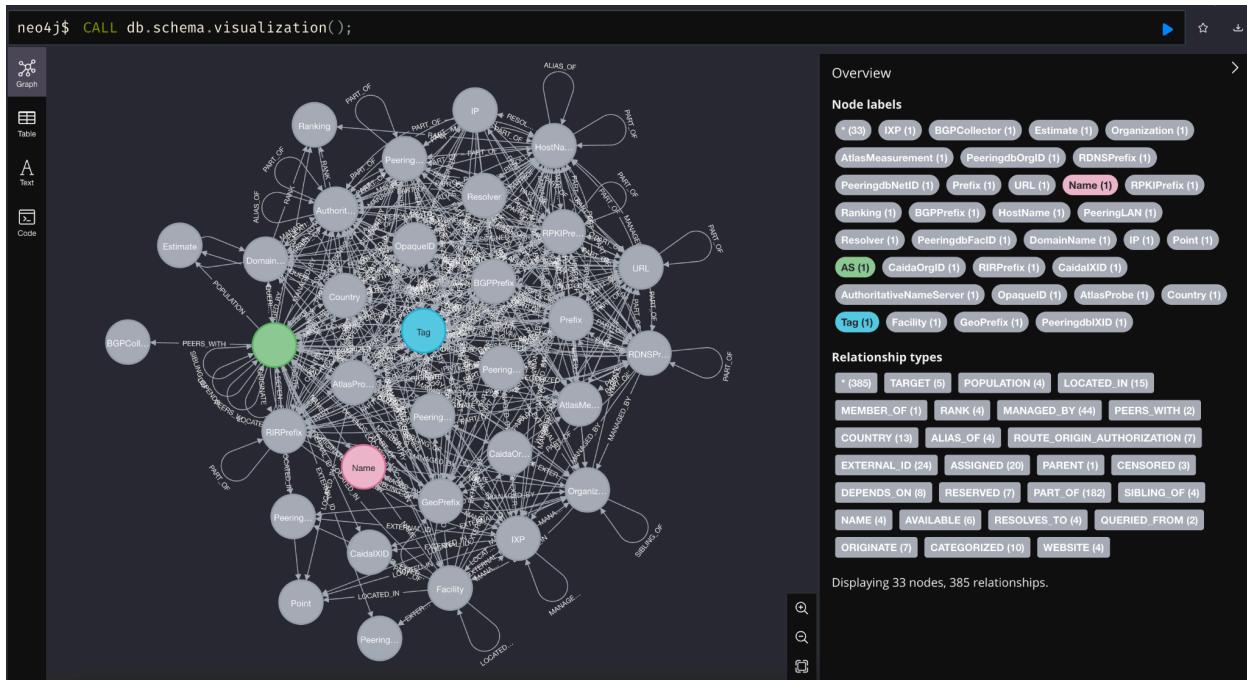
Node Types	properties
Comment	"id", "creationDate", "locationIP", "browserUsed", "content", "length"
Forum	"id", "creationDate", "title"
Organisation	"id", "type", "name", "url"
Person	"id", "creationDate", "locationIP", "browserUsed", "firstName", "lastName", "gender", "birthday"

Node Types	properties
Place	"id", "type", "name", "url"
Post	"id", "creationDate", "locationIP", "browserUsed", "content", "length", "language", "imageFile"
Tag	"id", "name", "url"
TagClass	"id", "name", "url"

Edge Type Label	Source	Target	properties
CONTAINER_OF	"Forum"	"Post"	-
HAS_CREATOR	"Post", "Person"	"Person", "Comment"	-
HAS_INTEREST	"Person"	"Tag"	-
HAS_MEMBER	"Forum"	"Person"	"joinDate"
HAS_MODERATOR	"Forum"	"Person"	-
HAS_TAG	"Post", "Forum"	"Tag"	-
HAS_TYPE	"Tag"	"TagClass"	-
IS_LOCATED_IN	"Organisation", "Post", "Person"	"Place"	-
IS_PART_OF	"Place"	"Place"	-
IS_SUBCLASS_OF	"TagClass"	"TagClass"	-
KNOWS	"Person"	"Person"	"creationDate"
LIKES	"Person"	"Comment", "Post"	"creationDate"
REPLY_OF	"Comment"	"Post", "Comment"	-
STUDIES_AT	"Person"	"Organisation"	"classYear"
WORKS_AT	"Person"	"Organisation"	"workFrom"



The Schema visualization from the neo4j.



Node Labels and associated properties:

Node Labels	Properties
AS	"asn"
AtlasMeasurement	"target_prefix", "target_asn", "target_resolved_ips_17", "description", "dont_fragment", "query_argument", "resolve_on_probe", "id", "target_resolved_ips_14", "tags_3", "target_resolved_ips_2", "target_resolved_ips_21", "target_resolved_ips_4", "response_timeout", "in_wifi_group", "target_resolved_ips_13", "af", "tags_5", "version", "target_resolved_ips_1", "status_id", "target_hostname", "interval", "method", "port", "set_cd_bit", "target_resolved_ips_19", "use_probe_resolver", "target_ip", "include_probe_id", "duplicate_timeout", "status_name", "destination_option_size", "probes_scheduled", "extended_timing", "max_hops", "stop_time", "packets", "set_nsid_bit", "max_bytes_read", "tags_2", "paris", "target_resolved_ips_3", "packet_interval", "is_oneoff", "tags_1", "probes_requested", "more_extended_timing", "udp_payload_size", "target_resolved_ips_7", "first_hop", "timeout", "retry", "group_id", "prepend_probe_id", "credits_per_result", "target_resolved_ips_9", "spread", "protocol", "type", "target_resolved_ips_11", "user_agent", "target_resolved_ips_16", "target_resolved_ips_15", "hop_by_hop_option_size", "estimated_results_per_day", "group_value", "include_qbuf", "set_rd_bit", "target_resolved_ips_8", "header_bytes",

Node Labels	Properties
	"is_all_scheduled", "query_string", "target_resolved_ips_20", "target_resolved_ips_6", "set_do_bit", "is_public", "target_resolved_ips_18", "include_abuf", "tags_0", "query_type", "target_resolved_ips_12", "result", "start_time", "participant_count", "tags_4", "use_macros", "target_resolved_ips_0", "creation_time", "target_resolved_ips_5", "query_class", "hostname", "size", "path", "target_resolved_ips_10"
AtlasProbe	"country_code", "tags_36_slug", "tags_34_name", "tags_28_slug", "tags_4_name", "tags_18_slug", "tags_41_slug", "asn_v4", "tags_7_name", "tags_25_slug", "tags_45_name", "description", "status_since", "tags_23_slug", "id", "tags_48_name", "tags_32_name", "tags_14_name", "tags_6_slug", "tags_30_name", "tags_16_slug", "status_id", "tags_36_name", "tags_5_name", "tags_27_name", "tags_33_name", "tags_35_slug", "tags_48_slug", "tags_15_slug", "tags_46_name", "geometry_coordinates_1", "tags_42_slug", "tags_33_slug", "tags_4_slug", "tags_9_name", "status_name", "tags_17_name", "tags_40_name", "tags_3_slug", "geometry_coordinates_0", "prefix_v6", "last_connected", "tags_9_slug", "prefix_v4", "first_connected", "tags_17_slug", "tags_29_slug", "tags_43_name", "tags_6_name", "tags_39_slug", "tags_44_name", "tags_21_slug", "address_v6", "tags_39_name", "tags_1_name", "tags_20_slug", "tags_10_slug", "tags_16_name", "tags_24_slug", "tags_27_slug", "tags_22_slug", "tags_45_slug", "type", "asn_v6", "tags_0_name", "tags_24_name", "tags_26_slug", "tags_18_name", "tags_1_slug", "tags_0_slug", "tags_37_name", "tags_44_slug", "tags_14_slug", "tags_2_name", "tags_37_slug", "tags_23_name", "tags_28_name", "tags_11_name", "tags_22_name", "tags_3_name", "tags_19_name", "tags_30_slug", "tags_20_name", "tags_12_slug", "geometry_type", "tags_7_slug", "total_uptime", "tags_46_slug", "tags_13_name", "is_public", "tags_38_name", "is_anchor", "tags_19_slug", "tags_25_name", "tags_11_slug", "tags_38_slug", "tags_47_slug", "address_v4", "tags_35_name", "tags_43_slug", "tags_21_name", "tags_29_name", "tags_13_slug", "tags_12_name", "tags_42_name", "tags_31_slug", "tags_2_slug", "tags_8_name", "tags_47_name", "tags_41_name", "tags_31_name", "tags_40_slug", "tags_8_slug", "tags_5_slug", "tags_10_name", "tags_15_name", "firmware_version", "tags_26_name", "tags_34_slug", "tags_32_slug"
Authoritative NameServer	"name"
BGPCollector	"name", "project"
BGPPrefix	"prefix", "prefixlen", "network", "af"
CaidaIXID	"id"
CaidaOrgID	"id"
Country	"name", "country_code", "alpha3"

Node Labels	Properties
DomainName	"name"
Estimate	"name"
Facility	"name"
GeoPrefix	"prefix", "prefixlen", "network", "af"
HostName	"name"
IP	"ip", "af"
IXP	"name"
Name	"name"
OpaqueID	"id"
Organization	"name"
PeeringLAN	"prefix", "prefixlen", "network", "af"
PeeringdbFacID	"id"
PeeringdbIXID	"id"
PeeringdbNetID	"id"
PeeringdbOrgID	"id"
Point	"position"
Prefix	"prefix", "prefixlen", "network", "af"
RDNSPrefix	"prefix", "prefixlen", "network", "af"
RIRPrefix	"prefix", "prefixlen", "network", "af"
RPKIPrefix	"prefix", "prefixlen", "network", "af"
Ranking	"name"
Resolver	"ip", "af"
Tag	"label"

Node Labels	Properties
URL	"url"

Edge Labels and associate properties:

Edge Labels	properties
ALIAS_OF	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data"
ASSIGNED	"reference_org", "registry", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "reference_url_info"
AVAILABLE	"registry", "reference_org", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "reference_url_info"
CATEGORIZED	"reference_org", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "reference_url_info", "layer", "ratio", "visibility", "af", "prefix", "moas", "hege", "delegated_asn_status", "asn_id", "descr", "irr_status", "timebin", "delegated_prefix_status", "rpki_status", "originasn_id", "id", "country_id"
CENSORED	"percentage_total_blocked", "reference_org", "percentage_tcp_ok", "count_no_request_line_capitalization", "reference_url_data", "percentage_web_none", "count_no_total", "percentage_http_ok", "count_endpoint_ok", "count_http_blocked", "percentage_header_field_number", "percentage_both_blocked", "percentage_unblocked", "count_web_none", "percentage_working", "count_no_header_field_number", "percentage_no_total", "percentage_failure", "percentage_web_ok", "reference_url_info", "percentage_endpoint_ok", "count_endpoint_blocked", "percentage_blocked", "count_dns_blocking", "percentage_no_header_field_number", "percentage_registration_server_ok", "count_http_ok", "count_usage_error", "count_blocked", "country_code", "count_registration_server_ok", "percentage_dns_blocking", "percentage_header_name_capitalization", "percentage_http_blocked", "percentage_tampering", "percentage_ok", "count_working", "reference_name", "count_web_blocked", "count_no_header_field_value", "count_total", "percentage_tcp_blocking", "count_tampering", "count_registration_server_blocked", "count_web_ok", "count_tcp_ok", "count_tcp_blocked", "count_failure", "percentage_no_header_name_capitalization", "count_no_header_name_capitalization", "percentage_endpoint_blocked", "percentage_total_ok", "percentage_no_header_field_value", "percentage_invalid", "count_request_line_capitalization", "count_no_tampering", "count_header_name_capitalization",

Edge Labels	properties
	"percentage_registration_server_blocked", "percentage_tcp_blocked", "percentage_request_line_capitalization", "percentage_no_request_line_capitalization", "percentage_total", "count_unblocked", "count_ok", "reference_time_fetch", "total_count", "count_header_field_number", "percentage_web_blocked", "count_total_ok", "count_bootstrapping_error", "count_header_field_value", "percentage_bootstrapping_error", "count_invalid", "count_total_blocked", "percentage_header_field_value", "count_both_blocked", "percentage_usage_error", "percentage_no_tampering", "count_tcp_blocking", "count_confirmed", "percentage_anomaly", "count_anomaly", "percentage_confirmed"
COUNTRY	"reference_org", "registry", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "reference_url_info", "continent_name", "continent", "country", "country_name", "start_ip", "end_ip", "org_ids"
DEPENDS_ON	"reference_org", "reference_name", "reference_time_fetch", "timebin", "af", "reference_url_data", "originasn", "reference_time_modification", "hege", "asn", "reference_url_info", "visibility", "prefix", "moas", "delegated_asn_status", "asn_id", "descr", "irr_status", "delegated_prefix_status", "rpki_status", "originasn_id", "id", "country_id"
EXTERNAL_ID	"reference_org", "notes", "reference_url_data", "netixlan_updated", "info_never_via_route_servers", "allow_ixp_update", "status_dashboard", "info_ratio", "info_unicast", "reference_time_modification", "id", "reference_url_info", "social_media_linkedin", "created", "info_multicast", "info_scope", "poc_updated", "info_prefixes4", "info_prefixes6", "org_id", "social_media_tiktok", "name_long", "looking_glass", "name", "netfac_updated", "info_ipv6", "updated", "irr_as_set", "status", "reference_name", "info_type", "policy_general", "rir_status_updated", "social_media_facebook", "social_media_x", "social_media_instagram", "route_server", "policy_ratio", "rir_status", "website", "policy_url", "info_types", "policy_locations", "reference_time_fetch", "policy_contracts", "info_traffic", "social_media_website", "ix_count", "aka", "fac_count", "asn", "country", "city", "latitude", "state", "floor", "longitude", "address2", "address1", "zipcode", "require_2fa", "suite", "clli", "sales_phone", "rencode", "property", "available_voltage_services", "org_name", "tech_phone", "npanxx", "diverse_serving_substations", "region_continent", "campus_id", "tech_email", "sales_email", "net_count"
LOCATED_IN	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data", "fac_id", "country", "city", "created", "local_asn", "net_id", "name", "id", "updated", "status", "af"
MANAGED_BY	"reference_org", "reference_name", "info_type", "notes", "policy_general", "reference_url_data", "netixlan_updated", "rir_status_updated",

Edge Labels	properties
	"social_media_facebook", "info_never_via_route_servers", "allow_ixp_update", "status_dashboard", "route_server", "policy_ratio", "info_ratio", "info_unicast", "reference_time_modification", "id", "reference_url_info", "rir_status", "website", "policy_url", "info_types", "policy_locations", "reference_time_fetch", "social_media_linkedin", "created", "policy_contracts", "info_multicast", "info_traffic", "info_scope", "poc_updated", "info_prefixes4", "social_media_website", "ix_count", "info_prefixes6", "org_id", "aka", "name_long", "looking_glass", "name", "netfac_updated", "fac_count", "info_ipv6", "updated", "irr_as_set", "asn", "status", "source", "ttl", "should_follow_glue_v4", "should_follow_glue_v6"
MEMBER_OF	"details:preference", "netixlan_updated", "routes_preferred", "details:routes:accepted", "info_never_via_route_servers", "routes_accepted", "details:route_limit", "info_unicast", "details:restart_time", "reference_time_modification", "id", "state", "details:export_limit", "details:route_changes:import_updates:received", "info_multicast", "details:state_changed", "details:bird_protocol", "details:route_changes:export_withdraws:accepted", "info_scope", "poc_updated", "details:source_address", "details:rx", "name_long", "details:bgp_next_hop", "irr_as_set", "status", "details:af_announced", "reference_name", "details:protocol", "info_type", "details:keepalive_timer", "details:neighbor_caps", "details:route_changes:export_updates:filtered", "details:neighbor_id", "details:route_changes:import_withdraws:accepted", "details:af_supported", "details:table", "details:route_changes:import_updates:filtered", "details:import_limit", "details:route_changes:import_withdraws:received", "last_error", "details:route_change_stats", "details:route_changes:export_updates:rejected", "website", "info_types", "policy_locations", "address", "details:route_changes:import_withdraws:ignored", "details:neighbor_as", "policy_contracts", "details:route_changes:import_updates:ignored", "details:input_filter", "details:local_as", "info_traffic", "social_media_website", "aka", "fac_count", "asn", "details:bgp_state", "reference_org", "notes", "details:routes:filtered", "reference_url_data", "allow_ixp_update", "routes_filtered", "status_dashboard", "details:action", "info_ratio", "details:output_filter", "routes_received", "reference_url_info", "details:session", "details:routes:preferred", "details:route_changes:import_updates:accepted", "social_media_linkedin", "details:routes:imported", "created", "info_prefixes4", "details:route_changes:export_withdraws:received", "info_prefixes6", "org_id", "details:route_changes:import_updates:rejected", "looking_glass", "name", "routes_exported", "netfac_updated", "info_ipv6", "updated", "details:neighbor_address", "details:receive_limit", "details:hostname", "details:hold_timer", "policy_general", "rir_status_updated", "social_media_facebook", "description", "details:connection", "ipv4", "ix_id", "ipv6", "route_server", "policy_ratio", "rir_status", "policy_url", "details:state", "reference_time_fetch",

Edge Labels	properties
	"details:route_changes:import_withdraws:rejected", "details:send_hold_timer", "uptime", "details:route_changes:export_updates:received", "details:routes:exported", "details:tx", "routeserver_id", "ix_count", "details:route_changes:export_updates:accepted", "details:description"
NAME	"reference_org", "reference_name", "info_type", "notes", "policy_general", "reference_url_data", "netixlan_updated", "rir_status_updated", "info_never_via_route_servers", "allow_ixp_update", "status_dashboard", "route_server", "policy_ratio", "info_ratio", "info_unicast", "reference_time_modification", "id", "reference_url_info", "rir_status", "website", "policy_url", "info_types", "policy_locations", "reference_time_fetch", "created", "policy_contracts", "info_multicast", "info_traffic", "info_scope", "poc_updated", "info_prefixes4", "social_media_website", "ix_count", "info_prefixes6", "org_id", "aka", "name_long", "looking_glass", "name", "netfac_updated", "fac_count", "info_ipv6", "updated", "irr_as_set", "asn", "status", "org_ids"
ORIGINATE	"reference_org", "reference_name", "reference_time_fetch", "visibility", "af", "prefix", "reference_url_data", "moas", "count", "seen_by_collectors", "hege", "delegated_asn_status", "asn_id", "descr", "irr_status", "timebin", "delegated_prefix_status", "originasn_id", "rpki_status", "reference_time_modification", "id", "asn", "reference_url_info", "country_id"
PARENT	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data"
PART_OF	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data", "prefix_types"
PEERS_WITH	"paths_count", "reference_org", "reference_name", "reference_time_fetch", "af", "reference_url_data", "rel", "asn1", "reference_time_modification", "asn2", "peers_count", "reference_url_info", "num_connected_asns", "ip", "num_v6_pfxs", "num_v4_pfxs", "asn"
POPULATION	"cc", "reference_org", "reference_name", "reference_time_fetch", "v6preferred", "reference_url_data", "autnum", "cumulative", "percent", "samples", "as", "rank", "v6capable", "reference_url_info", "as-descr", "reference_time_modification", "value"
QUERIED_FROM	"clientASN", "reference_org", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "clientASName", "value", "reference_url_info", "clientCountryAlpha2", "clientCountryName"
RANK	"reference_org", "country", "reference_name", "asnDegree:customer", "v6preferred", "latitude", "reference_url_data", "asnName", "source", "transitonly", "asnDegree:total", "percent", "seen", "asn_name",

Edge Labels	properties
	"country:iso", "cone:numberAsns", "rank", "reference_time_modification", "v6capable", "reference_url_info", "longitude", "organization:orgId", "as-descr", "cc", "asnDegree:peer", "cone:numberPrefixes", "reference_time_fetch", "cone:numberAddresses", "af", "weight", "autnum", "hege", "cumulative", "samples", "cliqueMember", "as", "timebin", "weightscheme", "asnDegree:provider", "asn", "country_code", "origin"
RESERVED	"registry", "reference_org", "reference_name", "reference_time_fetch", "reference_url_data", "reference_time_modification", "reference_url_info"
RESOLVES_TO	"reference_org", "reference_name", "reference_time_fetch", "glue", "reference_url_data", "reference_time_modification", "source", "ttl", "reference_url_info"
ROUTE_ORIGIN_AUTHORISATION	"reference_org", "reference_name", "notAfter", "reference_time_fetch", "reference_url_data", "reference_time_modification", "uri", "reference_url_info", "notBefore", "maxLength"
SIBLING_OF	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data"
TARGET	"reference_org", "reference_name", "reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_url_data"
WEBSITE	"reference_org", "notes", "reference_url_data", "netixlan_updated", "info_never_via_route_servers", "allow_ixp_update", "status_dashboard", "info_ratio", "info_unicast", "reference_time_modification", "id", "reference_url_info", "social_media_linkedin", "created", "info_multicast", "info_scope", "poc_updated", "info_prefixes4", "info_prefixes6", "org_id", "social_media_tiktok", "name_long", "looking_glass", "name", "netfac_updated", "info_ipv6", "updated", "irr_as_set", "status", "reference_name", "info_type", "policy_general", "rir_status_updated", "social_media_facebook", "social_media_x", "social_media_instagram", "route_server", "policy_ratio", "rir_status", "website", "policy_url", "info_types", "policy_locations", "reference_time_fetch", "policy_contracts", "info_traffic", "social_media_website", "ix_count", "aka", "fac_count", "asn"

The node types and associate properties are:

Node Types	Properties
AS	"asn"
AtlasMeasurement	"creation_time", "use_probe_resolver", "max_hops", "type", "packets", "more_extended_timing", "path", "include_qbuf", "protocol", "hostname", "status_id", "set_nsid_bit", "id", "query_class", "max_bytes_read", "duplicate_timeout", "target_prefix", "udp_payload_size", "method", "af",

Node Types	Properties
	"include_abuf", "query_type", "version", "is_oneoff", "estimated_results_per_day", "start_time", "size", "port", "header_bytes", "set_do_bit", "interval", "probes_requested", "credits_per_result", "hop_by_hop_option_size", "target_resolved_ips_8", "stop_time", "query_argument", "target_resolved_ips_6", "target_resolved_ips_7", "packet_interval", "target_resolved_ips_4", "target_resolved_ips_5", "first_hop", "target_resolved_ips_2", "description", "target_resolved_ips_3", "target_resolved_ips_0", "is_all_scheduled", "target_asn", "target_resolved_ips_1", "timeout", "result", "set_rd_bit", "paris", "extended_timing", "include_probe_id", "retry", "user_agent", "response_timeout", "group_value", "destination_option_size", "in_wifi_group", "status_name", "probes_scheduled", "spread", "target_hostname", "tags_1", "participant_count", "tags_0", "tags_3", "group_id", "tags_2", "target_ip", "tags_4", "dont_fragment", "is_public", "resolve_on_probe", "query_string"
AtlasProbe	"is_anchor", "tags_21_slug", "tags_17_name", "tags_20_name", "tags_8_name", "tags_2_name", "tags_13_slug", "type", "tags_26_name", "tags_18_slug", "tags_3_slug", "status_since", "tags_12_name", "status_id", "total_uptime", "tags_16_name", "id", "tags_9_slug", "tags_1_name", "tags_14_slug", "tags_22_slug", "tags_4_name", "tags_17_slug", "tags_7_name", "tags_2_slug", "tags_8_slug", "tags_5_slug", "tags_0_slug", "asn_v6", "tags_26_slug", "asn_v4", "country_code", "tags_15_slug", "tags_23_slug", "tags_25_name", "tags_12_slug", "tags_20_slug", "tags_11_name", "tags_22_name", "tags_14_name", "address_v6", "tags_7_slug", "tags_24_slug", "address_v4", "tags_5_name", "description", "tags_0_name", "firmware_version", "tags_10_slug", "tags_23_name", "tags_6_slug", "geometry_type", "tags_15_name", "prefix_v4", "prefix_v6", "geometry_coordinates_0", "tags_19_name", "tags_25_slug", "first_connected", "tags_24_name", "tags_11_slug", "tags_13_name", "status_name", "tags_21_name", "geometry_coordinates_1", "tags_10_name", "tags_9_name", "tags_6_name", "tags_18_name", "tags_3_name", "tags_16_slug", "is_public", "tags_19_slug", "tags_1_slug", "tags_4_slug", "last_connected"
Authoritative NameServer: HostName	"name"
BGPCollector	"name", "project"
BGPPrefix:GeoPrefix:PeeringLAN:Prefix :RDNSPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:GeoPrefix:Peer	"prefixlen", "af", "prefix", "network"

Node Types	Properties
ingLAN:Prefix :RDNSPrefix: RIRPrefix	
BGPPrefix:Ge oPrefix:Peer ingLAN:Prefix :RDNSPrefix: RIRPrefix:RP KIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Peer ingLAN:Prefix :RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Peer ingLAN:Prefix :RIRPrefix:R PKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Peer ingLAN:Prefix :RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Prefi x	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Prefi x:RDNSPrefi x	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Prefi x:RDNSPrefi x:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Prefi x:RDNSPrefi x:RIRPrefix:R PKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Ge oPrefix:Prefi x	"prefixlen", "af", "prefix", "network"

Node Types	Properties
x:RDNSPrefi x:RPKIPrefix	
BGPPrefix:GeoPrefix:Prefix x:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:GeoPrefix:Prefix x:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:GeoPrefix:Prefix x:RPKIPrefi	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RDNSPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:PeeringLAN:Prefix:RIRPrefix	"prefixlen", "af", "prefix", "network"

Node Types	Properties
:RPKIPrefix	
BGPPrefix:PeeringLAN:Prefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RDNSPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RDNSPrefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
BGPPrefix:Prefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
CaidaXID	"id"
CaidaOrgID	"id"
Country	"name", "country_code", "alpha3"
DomainName	"name"
Estimate	"name"
Facility	"name"

Node Types	Properties
GeoPrefix:PeeringLAN:Prefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RDNSPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:PeeringLAN:Prefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix:RDNSPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix:RDNSPrefix:RIRPrefix	"prefixlen", "af", "prefix", "network"

Node Types	Properties
GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
GeoPrefix:Prefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
HostName	"name"
IP	"af", "ip"
IP:Resolver	"af", "ip"
IXP	"name"
Name	"name"
OpaqueID	"id"
Organization	"name"
PeeringLAN:Prefix	"prefixlen", "af", "prefix", "network"
PeeringLAN:Prefix:RDNSPrefix	"prefixlen", "af", "prefix", "network"
PeeringLAN:Prefix:RDNSPrefix:RIRPrefix	"prefixlen", "af", "prefix", "network"
PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
PeeringLAN:Prefix:RDNS	"prefixlen", "af", "prefix", "network"

Node Types	Properties
Prefix:RPKIP refix	
PeeringLAN: Prefix:RIRPre fix	"prefixlen", "af", "prefix", "network"
PeeringLAN: Prefix:RIRPre fix:RPKIPrefi x	"prefixlen", "af", "prefix", "network"
PeeringLAN: Prefix:RPKIP refix	"prefixlen", "af", "prefix", "network"
PeeringdbFa cID	"id"
PeeringdbIXI D	"id"
PeeringdbNet ID	"id"
PeeringdbOr gID	"id"
Point	"position"
Prefix:RDNS Prefix	"prefixlen", "af", "prefix", "network"
Prefix:RDNS Prefix:RIRPre fix	"prefixlen", "af", "prefix", "network"
Prefix:RDNS Prefix:RIRPre fix:RPKIPrefi x	"prefixlen", "af", "prefix", "network"
Prefix:RDNS Prefix:RPKIP refix	"prefixlen", "af", "prefix", "network"
Prefix:RIRPre fix	"prefixlen", "af", "prefix", "network"

Node Types	Properties
Prefix:RIRPrefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
Prefix:RPKIPrefix	"prefixlen", "af", "prefix", "network"
Ranking	"name"
Tag	"label"
URL	"url"

Edge Types and associate properties:

Edge Type Label	Source	Target	properties
ALIAS_OF	"HostName", "Authoritative NameServer: HostName"	"HostName", "Authoritative NameServer:H ostName"	"reference_time_modification", "reference_time_fetch", "reference_org", "reference_url_info", "reference_name", "reference_url_data"
ASSIGNED	"AS", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:RIRPrefix", , "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Peeri ngLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:"	"OpaqueID", "AtlasProbe"	"reference_url_info", "reference_url_data", "reference_time_modification", "reference_org", "reference_time_fetch", "registry", "reference_name"

Edge Type Label	Source	Target	properties
	RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix" , "Prefix:RIRPrefix", "Prefix:RIRPrefix:RPKIPrefix" , "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RIRPrefix", "BGPPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RIRPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPK		

Edge Type Label	Source	Target	properties
	"IPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "IP"		

Edge Type Label	Source	Target	properties
	"IP:Resolver"		
AVAILABLE	"AS", "GeoPrefix:Prefix:RIRPrefix", , "Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix :RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "Prefix:RDNS Prefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RIRPrefix"	"OpaqueID"	"reference_url_info", "reference_url_data", "reference_time_modification", "reference_org", "reference_time_fetch", "registry", "reference_name"
CATEGORIZED	"AS", "BGPPrefix:GeoPrefix:Prefix :RIRPrefix", "BGPPrefix:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix :RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix", , "BGPPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix", "BGPPrefix:GeoPrefix:Prefix ", "BGPPrefix:G	"Tag"	"reference_url_info", "reference_url_data", "reference_time_fetch", "reference_name", "reference_org", "country_id", "id", "af", "prefix", "reference_time_modification", "rpki_status", "irr_status", "delegated_prefix_status", "delegated_asn_status", "descr", "originasn_id", "visibility", "moas", "asn_id", "hege", "timebin", "ratio", "layer"

Edge Type Label	Source	Target	properties
	eoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Geo"		

Edge Type Label	Source	Target	properties
	eoPrefix:Prefix :RDNSPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix: RPKIPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix: RIRPrefix:RPK IPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix: RIRPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix" , "BGPPrefix:Ge oPrefix:Peeri ngLAN:Prefix: RDNSPrefix:R IPRPrefix:RPKI Prefix", "BGPPrefix:Ge oPrefix:Peeri ngLAN:Prefix: RPKIPrefix", "BGPPrefix:Ge oPrefix:Peeri ngLAN:Prefix: RDNSPrefix:R IPRPrefix", "BGPPrefix:Ge oPrefix:Peeri ngLAN:Prefix: RDNSPrefix:R PKIPrefix", "BGPPrefix:Ge oPrefix:Peeri ngLAN:Prefix: RDNSPrefix", "URL", "IP"		
CENSORED	"AS"	"Tag", "URL", "IP"	"reference_url_info", "reference_url_data", "reference_time_fetch", "reference_name",

Edge Type Label	Source	Target	properties
			"count_tcp_blocking", "country_code", "reference_org", "count_dns_blocking", "count_unblocked", "percentage_both_blocked", "percentage_dns_blocking", "percentage_tcp_blocking", "percentage_unblocked", "count_both_blocked", "total_count", "percentage_request_line_capitalization", , "percentage_no_request_line_capitalization", "percentage_header_name_capitalization", "percentage_total", "count_request_line_capitalization", "percentage_no_total", "count_header_name_capitalization", "percentage_header_field_value", "percentage_no_header_field_value", "percentage_no_header_name_capitalization", "count_no_header_name_capitalization", "count_no_header_field_number", "percentage_no_header_field_number", "percentage_header_field_number", "count_no_request_line_capitalization", "count_header_field_number", "count_no_total", "count_header_field_value", "count_no_header_field_value", "count_total", "percentage_tampering", "count_no_tampering", "percentage_no_tampering", "count_tampering", "count_blocked", "count_ok", "percentage_blocked", "percentage_ok", "percentage_bootstrapping_error", "count_usage_error", "count_bootstrapping_error", "count_invalid", "percentage_invalid", "percentage_usage_error", "count_working", "percentage_working", "percentage_failure", "count_failure", "count_web_ok", "count_tcp_ok", "count_tcp_blocked", "percentage_http_ok", "count_http_blocked", "count_http_ok", "percentage_web_blocked",

Edge Type Label	Source	Target	properties
			"percentage_web_none", "percentage_total_blocked", "percentage_tcp_ok", "count_total_ok", "count_web_blocked", "percentage_web_ok", "percentage_http_blocked", "percentage_tcp_blocked", "count_total_blocked", "percentage_total_ok", "count_web_none", "percentage_anomaly", "percentage_confirmed", "count_anomaly", "count_confirmed", "percentage_registration_server_blocked", "percentage_endpoint_ok", "percentage_endpoint_blocked", "percentage_registration_server_ok", "count_registration_server_blocked", "count_registration_server_ok", "count_endpoint_blocked", "count_endpoint_ok"
COUNTRY	"AS", "Ranking", "Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix", , "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix"	"Country"	"reference_time_modification", "reference_url_data", "reference_time_fetch", "reference_url_info", "reference_name", "reference_org", "registry", "org_ids", "country_name", "end_ip", "continent_name", "start_ip", "continent", "country"

Edge Type Label	Source	Target	properties
	RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix" , "Prefix:RIRPrefix:RPKIPrefix" , "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RIRPrefix", "BGPPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Pe		

Edge Type Label	Source	Target	properties
	"eringLAN:Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RPKIPrefi"		

Edge Type Label	Source	Target	properties
	x", "BGPPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:Prefix", "BGPPrefix:GeoPrefix:Prefix", ", "BGPPrefix:PeerInG:LAN:Prefix", "BGPPrefix:PeerInG:LAN:Prefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix", "BGPPrefix:PeerInG:LAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:PeerInG:LAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeerInG:LAN:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeerInG:LAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeerInG:LAN:Prefix"		

Edge Type Label	Source	Target	properties
	RDNSPrefix", "Organization", "Facility", "IXP", "AtlasProbe", "GeoPrefix:Prefix", "GeoPrefix:Prefix:RDNSPrefix", "GeoPrefix:Prefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix", "GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix", , "GeoPrefix:PeeringLAN:Prefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix"		
DEPENDS_ON	"AS", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:Pr	"AS"	"reference_time_modification", "reference_time_fetch", "reference_url_info", "reference_name", "reference_url_data", "timebin", "af", "reference_org", "originasn", "hege", "asn", "country_id", "id", "prefix", "rpki_status", "irr_status", "delegated_prefix_status", "delegated_asn_status", "descr", "originasn_id", "visibility", "moas", "asn_id"

Edge Type Label	Source	Target	properties
	<pre> efix:RIRPrefix" , "BGPPrefix:Pr efix:RIRPrefix: RPKIPrefix", "BGPPrefix:Pr efix", "BGPPrefix:G eoPrefix:Prefix ", "BGPPrefix:G eoPrefix:Peeri ngLAN:Prefix: RIRPrefix:RPK IPrefix", "BGPPrefix:G eoPrefix:Peeri ngLAN:Prefix: RIRPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RIRPrefix:R PKIPrefix", "BGPPrefix:Pe eringLAN:Prefi x", "BGPPrefix:Pe eringLAN:Prefi x:RPKIPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RIRPrefix", "BGPPrefix:Pr efix:RDNSPref ix:RIRPrefix", "BGPPrefix:Pr efix:RDNSPref ix:RPKIPrefix", "BGPPrefix:Pr efix:RDNSPref ix", "BGPPrefix:G eoPrefix:Prefix :RDNSPrefix: RIRPrefix:RPK IPrefix", "BGPPrefix:G eoPrefix:Prefix </pre>		

Edge Type Label	Source	Target	properties
	":RDNSPrefix: "RIRPrefix", "BGPPrefix:GeoPrefix:Prefix ":RDNSPrefix: "RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix", "BGPPrefix:Prefix:PeeringLAN:Prefix:RDNSPrefix: "BGPPrefix:Prefix:PeeringLAN:Prefix:RDNSPrefix: "BGPPrefix:Prefix:PeeringLAN:Prefix:RDNSPrefix: "BGPPrefix:Prefix:PeeringLAN:Prefix:RDNSPrefix", ", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix: "		

Edge Type Label	Source	Target	properties
	RDNSPrefix:R PKIPrefix", "BGPPrefix:G eoPrefix:Peeri ngLAN:Prefix: RDNSPrefix"		
EXTERNAL_ID	"Organization" , "Facility", "IXP", "AS"	"PeeringdbOrgI D", "PeeringdbFacI D", "PeeringdbIXID ", "PeeringdbNetI D", "CaidaIXID", "CaidaOrgID"	"longitude", "id", "updated", "floor", "latitude", "status", "social_media_website", "state", "zipcode", "aka", "name_long", "created", "city", "address1", "website", "suite", "reference_time_modification", "require_2fa", "reference_url_data", "address2", "reference_time_fetch", "notes", "reference_org", "reference_url_info", "country", "name", "reference_name", "social_media_linkedin", "social_media_facebook", "social_media_x", "social_media_instagram", "social_media_tiktok", "sales_email", "tech_email", "ix_count", "org_id", "net_count", "npanxx", "region_continent", "org_name", "tech_phone", "campus_id", "clli", "rencode", "available_voltage_services", "sales_phone", "property", "status_dashboard", "diverse_serving_substations", "rir_status_updated", "netixlan_updated", "info_type", "fac_count", "policy_general", "poc_updated", "looking_glass", "info_prefixes6", "netfac_updated", "info_ipv6", "irr_as_set", "info_traffic", "info_scope", "info_prefixes4", "asn", "policy_contracts", "info_multicast", "info_types", "policy_url", "policy_locations", "info_ratio", "info_unicast", "rir_status", "info_never_via_route_servers", "allow_ixp_update", "route_server", "policy_ratio"
LOCATED_IN	"AS", "Organization" , "Facility",	"Point", "Facility", "AS"	"reference_url_info", "reference_time_modification", "reference_time_fetch",

Edge Type Label	Source	Target	properties
	"IXP", "AtlasProbe"		"reference_name", "reference_org", "reference_url_data", "created", "city", "local_asn", "id", "fac_id", "country", "status", "net_id", "name", "updated", "af"
MANAGED_BY	"Facility", "IXP", "PeeringLAN:Prefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix", ", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", ", "PeeringLAN:Prefix:RDNSPrefix", "PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "PeeringLAN:Prefix:RPKIPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPK"	"Organization", "IXP", "AuthoritativeNameServer:HostName"	"reference_time_modification", "reference_url_data", "reference_time_fetch", "reference_url_info", "reference_name", "reference_org", "rir_status_updated", "netixlan_updated", "info_type", "ix_count", "org_id", "fac_count", "policy_general", "poc_updated", "updated", "aka", "name_long", "status", "looking_glass", "created", "notes", "social_media_website", "info_prefixes6", "website", "netfac_updated", "info_ipv6", "irr_as_set", "id", "name", "info_traffic", "info_scope", "info_prefixes4", "asn", "policy_contracts", "info_multicast", "info_types", "policy_url", "policy_locations", "info_ratio", "info_unicast", "rir_status", "info_never_via_route_servers", "allow_ixp_update", "route_server", "policy_ratio", "status_dashboard", "social_media_instagram", "social_media_facebook", "social_media_tiktok", "social_media_x", "social_media_linkedin", "ttl", "source", "should_follow_glue_v4", "should_follow_glue_v6"

Edge Type Label	Source	Target	properties
	"IPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix", , "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:"		

Edge Type Label	Source	Target	properties
	Prefix:RDNSP refix:RPKIPrefi x", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix: RDNSPrefix:R IRPrefix:RPKI Prefix", "GeoPrefix:Pe eringLAN:Prefi x:RDNSPrefix: RIRPrefix:RPK IPrefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix", "GeoPrefix:Pe eringLAN:Prefi x:RPKIPrefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix: RDNSPrefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix: RDNSPrefix:R PKIPrefix", "GeoPrefix:Pe eringLAN:Prefi x:RDNSPrefix: RPKIPrefix", "AS", "DomainName ", "Prefix:RDNS Prefix", "BGPPrefix:Ge eoPrefix:Prefix :RDNSPrefix: RIRPrefix:RPK IPrefix", "BGPPrefix:Pr efix:RDNSPref ix", "BGPPrefix:Ge eoPrefix:Prefix		

Edge Type Label	Source	Target	properties
	":RDNSPrefix: "RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix", "BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix"		
MEMBER_OF	"AS"	"IXP"	"rir_status_updated", "netixlan_updated", "info_type", "ix_count", "org_id", "fac_count", "policy_general", "poc_updated", "updated", "aka", "name_long", "status", "looking_glass", "created", "notes", "social_media_website",

Edge Type Label	Source	Target	properties
			"info_prefixes6", "website", "netfac_updated", "info_ipv6", "irr_as_set", "id", "reference_time_modification", "reference_url_info", "reference_time_fetch", "reference_url_data", "reference_name", "reference_org", "name", "info_traffic", "info_scope", "info_prefixes4", "asn", "policy_contracts", "info_multicast", "info_types", "policy_url", "policy_locations", "info_ratio", "info_unicast", "rir_status", "info_never_via_route_servers", "allow_ixp_update", "route_server", "policy_ratio", "status_dashboard", "social_media_instagram", "social_media_facebook", "social_media_tiktok", "social_media_x", "social_media_linkedin", "ipv4", "ix_id", "ipv6", "details:source_address", "details:rx", "details:route_changes:export_withdraws:accepted", "details:state_changed", "details:route_changes:export_withdraws:received", "details:route_changes:import_updates:accepted", "details:routes:imported", "details:route_changes:import_updates:received", "details:bird_protocol", "routes_received", "details:session", "details:routes:preferred", "routes_accepted", "details:restart_time", "details:output_filter", "routes_filtered", "routes_preferred", "description", "details:preference", "details:routes:filtered", "details:description", "state", "details:bgp_state", "routeserver_id", "details:route_changes:export_updates:accepted", "uptime", "details:route_changes:export_updates:received", "details:routes:exported", "details:route_changes:import_updates:ignored", "details:input_filter", "details:local_as", "details:neighbor_as", "details:route_changes:import_withdraw"

Edge Type Label	Source	Target	properties
			s:rejected", "details:send_hold_timer", "address", "details:state", "details:route_changes:import_withdraw s:ignored", "details:route_changes:import_withdraw s:received", "last_error", "details:route_change_stats", "details:route_changes:export_updates:r ejected", "details:af_supported", "details:table", "details:route_changes:import_updates:f iltered", "details:neighbor_id", "details:route_changes:import_withdraw s:accepted", "details:keepalive_timer", "details:connection", "details:protocol", "details:hold_timer", "details:neighbor_address", "details:af_announced", "details:route_changes:export_updates:f iltered", "details:route_changes:import_updates:r ejected", "routes_exported", "details:bgp_next_hop", "details:last_error", "details:import_limit", "details:action", "details:routes:accepted", "details:role", "details:ll_stale_time", "details:hostname", "details:af_preserved", "details:ipv6_nexthop", "details:tx", "details:message", "details:receive_limit", "details:export_limit", "details:error_wait", "details:connect_delay", "details:igp_ipv4_table", "details:neighbor_gr", "details:route_limit", "details:neighbor_caps"
NAME	"AS", "Organization" , "Facility", "IXP"	"Name"	"reference_time_modification", "reference_url_data", "reference_time_fetch", "reference_url_info", "reference_name", "reference_org", "rir_status_updated", "netixlan_updated", "info_type", "ix_count", "org_id", "fac_count", "policy_general", "poc_updated", "updated", "aka", "name_long", "status",

Edge Type Label	Source	Target	properties
			"looking_glass", "created", "notes", "social_media_website", "info_prefixes6", "website", "netfac_updated", "info_ipv6", "irr_as_set", "id", "name", "info_traffic", "info_scope", "info_prefixes4", "asn", "policy_contracts", "info_multicast", "info_types", "policy_url", "policy_locations", "info_ratio", "info_unicast", "rir_status", "info_never_via_route_servers", "allow_ixp_update", "route_server", "policy_ratio", "status_dashboard", "social_media_instagram", "social_media_facebook", "social_media_tiktok", "social_media_x", "social_media_linkedin", "org_ids", "contributor"
ORIGINATE	"AS"	"BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:IRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:IRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix", , "BGPPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RPKIPrefix",	"prefix", "reference_time_modification", "reference_time_fetch", "reference_org", "reference_url_info", "count", "asn", "reference_name", "reference_url_data", "country_id", "id", "af", "rpki_status", "rir_status", "delegated_prefix_status", "delegated_asn_status", "descr", "originasn_id", "visibility", "moas", "asn_id", "hege", "timebin", "seen_by_collectors"

Edge Type Label	Source	Target	properties
		"BGPPrefix:GeoPrefix:Prefix", "BGPPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:RDNSPrefix", "BGPPrefix:GeoPrefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIPrefix"	

Edge Type Label	Source	Target	properties
		"BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix"	
PARENT	"DomainName"	"DomainName"	"reference_url_info", "reference_time_modification", "reference_time_fetch", "reference_org", "reference_name", "reference_url_data"
PART_OF	"Tag", "HostName", "AuthoritativeNameServer:HostName", "AtlasProbe",	"Tag", "DomainName", "AtlasMeasurement", "URL", "BGPPrefix:Ge	"reference_url_info", "reference_time_modification", "reference_time_fetch", "reference_url_data", "reference_name", "reference_org", "prefix_types"

Edge Type Label	Source	Target	properties
	"IP", "IP:Resolver", "BGPPrefix:Prefix:RPKIPrefix", "Prefix:RPKIPrefix", "GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:RDNSPrefix", "Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "Prefix:RPKIPrefix", "Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix"	oPrefix:Prefix:RIPrefix:RPKIPrefix", "Prefix:RDNSPrefix:GeoPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "GeoPrefix:Prefix:RIRPrefix", "Prefix:RIRPrefix:GeoPrefix:Prefix", "BGPPrefix:Prefix:RIRPrefix:RIRPrefix:GeoPrefix", "Prefix:RIRPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix", "GeoPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix", "GeoPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix:RDNSPrefix", "Prefix:RDNSPrefix:RIRPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:GeoPrefix:Prefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:GeoPrefix:Prefix", "Prefix:RPKIPrefix:GeoPrefix:Prefix:RIRPrefix", "Prefix:RDNSPrefix:RPKIPrefix:GeoPrefix:Prefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix:GeoPrefix:Prefix"	

Edge Type Label	Source	Target	properties
	":RIRPrefix:RP "KIPrefix", "GeoPrefix:Pr efix:RIRPrefix: "RPKIPrefix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix: "RPKIPrefix", "GeoPrefix:Pe eringLAN:Prefi x:RDNSPrefix: "RPKIPrefix", "Prefix:RDNS Prefix:RIRPrefi x:RPKIPrefix", "BGPPrefix:Ge eoPrefix:Prefix :RDNSPrefix: "RIRPrefix:RPK IPrefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix: "RPKIPrefix", "PeeringLAN: Prefix:RIRPrefi x:RPKIPrefix", "PeeringLAN: Prefix", "PeeringLAN: Prefix:RDNSP refix", "BGPPrefix:Pe eringLAN:Prefi x:RDNSPrefix" , "BGPPrefix:Pe eringLAN:Prefi x", "GeoPrefix:Pe eringLAN:Prefi x:RDNSPrefix" , "GeoPrefix:Pe eringLAN:Prefi x:RIRPrefix:R PKIPrefix",	"BGPPrefix:Pre fix:RDNSPrefix: "RPKIPrefix", "BGPPrefix:Pre fix:RDNSPrefix: "RIRPrefix:RPKI Prefix", "BGPPrefix:Ge eoPrefix:Prefix:R DNSPrefix:RPK IPrefix", "GeoPrefix:Pref ix:RIRPrefix:RP KIPrefix", "Prefix:RDNSPr efix:RIRPrefix", "BGPPrefix:Pre fix:RDNSPrefix: "RIRPrefix", "BGPPrefix:Ge eoPrefix:Prefix:R DNSPrefix:RIR Prefix:RPKIPref ix", "BGPPrefix:Ge eoPrefix:Prefix:R DNSPrefix:RIR Prefix", "GeoPrefix:Pref ix:RDNSPrefix: "RPKIPrefix", "GeoPrefix:Pref ix:RDNSPrefix: "RIRPrefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix:RD NSPrefix:RIRPr efix:RPKIPrefix ", "GeoPrefix:Pref ix:RDNSPrefix: "RIRPrefix:RPKI Prefix", "BGPPrefix:Ge eoPrefix:Peeri ngLAN:Prefix:RIR Prefix:RPKIPref	

Edge Type Label	Source	Target	properties
	"GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", ", "GeoPrefix:PeeringLAN:Prefix", "BGPPrefix:Prefix:RDNSPrefix", "Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix"	ix", "PeeringLAN:Prefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RPKIPrefix", "PeeringLAN:Prefix:RIRPrefix", "GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix"	

Edge Type Label	Source	Target	properties
	"IPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "IPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:Prefix", "BGPPrefix:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "HostName", "AuthoritativeNameServer:HostName"	LAN:Prefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix", "PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "PeeringLAN:Prefix:RDNSPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "PeeringLAN:Prefix:RPKIPrefix", "PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RIRPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "HostName", "AuthoritativeNameServer:HostName"	

Edge Type Label	Source	Target	properties
	"BGPPrefix:PeeringLAN:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "URL"		
PEERS_WITH	"AS"	"AS", "BGPCollector"	"rel", "af", "reference_time_modification", "reference_url_info", "reference_time_fetch", "reference_url_data", "reference_name", "reference_org", "asn1", "asn2", "peers_count", "paths_count", "ip", "num_connected_asns", "num_v6_pfxs", "num_v4_pfxs", "asn"
POPULATION	"AS", "Country"	"Country", "Estimate"	"percent", "v6capable", "autnum", "cumulative", "v6preferred", "rank", "reference_url_data", "reference_url_info", "cc", "as", "reference_org", "reference_time_fetch", "samples", "as-descr", "reference_name", "reference_time_modification", "value"
QUERIED_FROM	"DomainName"	"Country", "AS"	"reference_time_modification", "reference_time_fetch", "reference_org", "value", "reference_name", "reference_url_info", "clientCountryAlpha2", "clientCountryName", "reference_url_data", "clientASN", "clientASName"
RANK	"AS", "DomainName", "HostName", "AuthoritativeNameServer:HostName"	"Ranking"	"percent", "v6capable", "autnum", "cumulative", "v6preferred", "rank", "reference_url_data", "reference_url_info", "cc", "as", "reference_org", "reference_time_fetch", "samples", "as-descr", "reference_name", "organization:orgId",

Edge Type Label	Source	Target	properties
			"cone:numberAsns", "asnDegree:provider", "longitude", "asnDegree:total", "seen", "country:iso", "cliqueMember", "latitude", "asnName", "cone:numberPrefixes", "cone:numberAddresses", "asnDegree:customer", "source", "asnDegree:peer", "reference_time_modification", "asn", "origin", "country_code", "weightscheme", "asn_name", "country", "weight", "transitonly", "timebin", "hege", "af"
RESERVED	"AS", "Prefix:RIRPrefix", "GeoPrefix:Prefix:RIRPrefix", , "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix", "BGPPrefix:Prefix:RIRPrefix", , "GeoPrefix:PeeringLAN:Prefix:RIRPrefix", "PeeringLAN:Prefix:RIRPrefix", "Prefix:RDNSPrefix:RIRPrefix", "GeoPrefix:Prefix:RDNSPrefix:RIRPrefix", "BGPPrefix:PeeringLAN:Prefix:RIRPrefix"	"OpaqueID"	"reference_url_info", "reference_url_data", "reference_time_modification", "reference_org", "reference_time_fetch", "registry", "reference_name"
RESOLVES_TO	"HostName", "AuthoritativeNameServer:HostName"	"IP", "IP:Resolver"	"reference_time_modification", "reference_time_fetch", "reference_org", "reference_url_info", "source", "reference_name", "reference_url_data",

Edge Type Label	Source	Target	properties
			"ttl", "glue"
ROUTE_ORIGIN_AUTHORIZATION	"AS"	"BGPPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RPKIPrefix", "Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "Prefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RIRPrefix:RPKIPrefix", "BGPPrefix:Prefix:RIRPrefix:RPKIPrefix", "Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RPKIPrefix", "BGPPrefix:GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "GeoPrefix:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix:RPKIPrefix", "Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:Prefix"	"reference_url_info", "reference_time_modification", "reference_url_data", "reference_time_fetch", "reference_org", "notBefore", "reference_name", "notAfter", "uri", "maxLength"

Edge Type Label	Source	Target	properties
		ix:RDNSPrefix: RIRPrefix:RPKI Prefix", "BGPPrefix:Pe eringLAN:Prefix :RDNSPrefix:R PKIPrefix", "BGPPrefix:Ge oPrefix:Peering LAN:Prefix:RIR Prefix:RPKIPref ix", "BGPPrefix:Ge oPrefix:Peering LAN:Prefix:RD NSPrefix:RIRPr efix:RPKIPrefix ", "GeoPrefix:Pee ringLAN:Prefix: RDNSPrefix:RI RPrefix:RPKIPr efix", "GeoPrefix:Pee ringLAN:Prefix: RIRPrefix:RPKI Prefix", "PeeringLAN:Pr efix:RIRPrefix: RPKIPrefix", "BGPPrefix:Pe eringLAN:Prefix :RPKIPrefix", "PeeringLAN:Pr efix:RDNSPrefi x:RPKIPrefix", "PeeringLAN:Pr efix:RPKIPrefix ", "BGPPrefix:Pe eringLAN:Prefix :RIRPrefix:RPK IPrefix", "BGPPrefix:Ge oPrefix:Peering LAN:Prefix:RP KIPrefix", "GeoPrefix:Pee	

Edge Type Label	Source	Target	properties
		ringLAN:Prefix:RPKIPrefix", "PeeringLAN:Prefix:RDNSPrefix:RIRPrefix:RPKIPrefix", "GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:GeoPrefix:PeeringLAN:Prefix:RDNSPrefix:RPKIPrefix", "BGPPrefix:PeeringLAN:Prefix:RDNSPrefix:RIPrefix:RPKIPrefix"	
SIBLING_OF	"AS", "Organization"	"AS", "Organization"	"reference_time_modification", "reference_time_fetch", "reference_org", "reference_name", "reference_url_data", "reference_url_info"
TARGET	"AtlasMeasurement"	"AuthoritativeNameServer:HostName", "IP", "HostName", "AS", "IP:Resolver"	"reference_time_modification", "reference_time_fetch", "reference_org", "reference_url_info", "reference_name", "reference_url_data"
WEBSITE	"Organization", "Facility", "IXP", "AS"	"URL"	"reference_time_modification", "reference_url_data", "reference_time_fetch", "reference_url_info", "reference_name", "reference_org", "rir_status_updated", "netixlan_updated", "info_type", "ix_count", "org_id", "fac_count", "policy_general", "poc_updated", "updated", "aka", "name_long", "status", "looking_glass", "created", "notes", "social_media_website", "info_prefixes6", "website", "netfac_updated", "info_ipv6", "irr_as_set", "id", "name", "info_traffic", "info_scope", "info_prefixes4", "asn", "policy_contracts", "info_multicast", "info_types", "policy_url",

Edge Type Label	Source	Target	properties
			"policy_locations", "info_ratio", "info_unicast", "rir_status", "info_never_via_route_servers", "allow_ixp_update", "route_server", "policy_ratio", "status_dashboard", "social_media_instagram", "social_media_facebook", "social_media_tiktok", "social_media_x", "social_media_linkedin"