

SoNAR API Demo

entity

GET

/api/v0/entity/list/{label}.json

Find a entities by label

Implementation Notes

Returns entities (limit 300 nodes) and it properties

Response Class (Status 200)

Properties of a entity

Model

Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
  "VariantName": "string"
}
```

Response Content Type

application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
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Parameter	Value	Description	Parameter Type	Data Type
label1	<input type="text" value="(required)"/>	label for node (PerName, CorpName, GeoName etc.)	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	entity not found		

Try it out!

GET

/api/v0/entity/{id}.json

Find a entity by id

Implementation Notes

Returns a entity and it properties

Response Class (Status 200)

Properties of a entity

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
}
```

```
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	<input type="text" value="(required)"/>	id of node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	entity not found		

[Try it out!](#)

GET /api/v0/entity/{label}/{id}.json

[Find a entity by label and id](#)

Implementation Notes

Returns a entity and it properties

Response Class (Status 200)

Properties of a entity

Model | **Example Value**

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
}
```

```
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
label1	<input type="text" value="(required)"/>	label for node (PerName, CorpName, GeoName etc.)	path	undefined
id	<input type="text" value="(required)"/>	id of node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	entity not found		

Try it out!

export

POST

/api/v0/export/{path}

Export a data via API

Implementation Notes

Export a data via API

Response Class (Status 201)

export data

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
}
```

```
"Info": "string",
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"Source": "string",
"SourcePath": "string",
"SourceType": "string",
"SpecType": "string",
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
path	<input type="text" value="(required)"/>	path of source	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Error message(s)		

[Try it out!](#)

network

GET `/api/v0/network/all/{id}.json` Find network of first degree by id of a person

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | **Example Value**

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
}
```

```
"GenType": "string",
"Gender": "string",
"Genre": "string",
"GeoArea": "string",
"Id": "string",
"IdGeonames": "string",
"Info": "string",
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"Source": "string",
"SourcePath": "string",
"SourceType": "string",
"SpecType": "string",
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	<input type="text" value="(required)"/>	id of source node (person)	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

[Try it out!](#)

GET /api/v0/network/friends/{id}.json

Find network of friends by id of a person

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | [Example Value](#)

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",

```

```
"DateOriginal": "string",
"DateStrictBegin": "string",
"DateStrictEnd": "string",
"DateStrictOriginal": "string",
"GenSubdiv": "string",
"GenType": "string",
"Gender": "string",
"Genre": "string",
"GeoArea": "string",
"Id": "string",
"IdGeonames": "string",
"Info": "string",
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"Source": "string",
"SourcePath": "string",
"SourceType": "string",
"SpecType": "string",
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	<input type="text" value="(required)"/>	id of source node (person)	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

[Try it out!](#)

GET `/api/v0/network/resources/{id}.json` Find network of friends and resources by id of a person

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
  "VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	<input type="text" value="(required)"/>	id of source node (person)	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

Try it out!

relation

GET

/api/v0/relation/list/{label}.json

Find relations by label

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
  "VariantName": "string"
}
```

Response Content Type

Parameters

Parameter	Value	Description	Parameter Type	Data Type
label	<input type="text" value="(required)"/>	label for node (RelationToPerName, RelationToCorpName, RelationToGeoName etc.)	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

Try it out!

GET /api/v0/relation/{id}.json Find relations by id of source or target

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
  "VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	(required)	id of source node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		
<div>Try it out!</div>			

GET

/api/v0/relation/{label}/{id}.json

Find relations by label and id of source or target

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model

Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
  "TypeAddInfo": "string",
  "Uri": "string",
  "VariantName": "string"
}
```

Response Content Type

application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
-----------	-------	-------------	----------------	-----------

Parameter	Value	Description	Parameter Type	Data Type
label	<input type="text" value="(required)"/>	label for node (RelationToPerName, RelationToCorpName, RelationToGeoName etc.)	path	undefined
id	<input type="text" value="(required)"/>	id of source node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

Try it out!

GET

/api/v0/relation/{label}/{source}:{target}.json

Find a relations by label, source and target ids

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
  "Lang": "string",
  "Medium": "string",
  "Name": "string",
  "OldId": "string",
  "Place": "string",
  "Source": "string",
  "SourcePath": "string",
  "SourceType": "string",
  "SpecType": "string",
  "SubUnit": "string",
  "TempValidity": "string",
```

```
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
label	<input type="text" value="(required)"/>	label for node (RelationToPerName, RelationToCorpName, RelationToGeoName etc.)	path	undefined
source_id	<input type="text" value="(required)"/>	id of source node	path	undefined
target_id	<input type="text" value="(required)"/>	id of target node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
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404	relation not found		
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[Try it out!](#)

GET /api/v0/relation/{source}:{target}.json

[Find a relations by source and target ids](#)

Implementation Notes

Returns relations, source and target entities and it properties (limit 300)

Response Class (Status 200)

Relation, entities and properties

Model | **Example Value**

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",
  "Gender": "string",
  "Genre": "string",
  "GeoArea": "string",
  "Id": "string",
  "IdGeonames": "string",
  "Info": "string",
}
```

```
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"Source": "string",
"SourcePath": "string",
"SourceType": "string",
"SpecType": "string",
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
source_id	<input type="text" value="(required)"/>	id of source node	path	undefined
target_id	<input type="text" value="(required)"/>	id of target node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

Try it out!

search

GET /api/v0/search/{name}.json Search a entity by name

Implementation Notes

Returns a list of entities (limit 300) and it properties

Response Class (Status 200)

Properties of a entity

Model | Example Value

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
}
```

```
"GenSubdiv": "string",
"GenType": "string",
"Gender": "string",
"GeoArea": "string",
"Id": "string",
"IdGeonames": "string",
"Info": "string",
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"SpecType": "string",
"SubUnit": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
name	<input type="text" value="(required)"/>	name of node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	entity not found		

[Try it out!](#)

GET /api/v0/search/{source}:{target}.json

Search a relation by name of source and target nodes

Implementation Notes

Returns a list of relations (limit 300), entities and it properties

Response Class (Status 200)

Relation, entities and properties

Model | **Example Value**

```
{
  "Coordinates": "string",
  "Creator": "string",
  "DateApproxBegin": "string",
  "DateApproxEnd": "string",
  "DateApproxOriginal": "string",
  "DateOriginal": "string",
  "DateStrictBegin": "string",
  "DateStrictEnd": "string",
  "DateStrictOriginal": "string",
  "GenSubdiv": "string",
  "GenType": "string",

```

```
"Gender": "string",
"Genre": "string",
"GeoArea": "string",
"Id": "string",
"IdGeonames": "string",
"Info": "string",
"Lang": "string",
"Medium": "string",
"Name": "string",
"OldId": "string",
"Place": "string",
"Source": "string",
"SourcePath": "string",
"SourceType": "string",
"SpecType": "string",
"SubUnit": "string",
"TempValidity": "string",
"TypeAddInfo": "string",
"Uri": "string",
"VariantName": "string"
}
```

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
source	<input type="text" value="(required)"/>	name of source node	path	undefined
target	<input type="text" value="(required)"/>	name of target node	path	undefined

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	relation not found		

Try it out!

stats

GET /api/v0/stats.json

Return statistics of a graph database

Implementation Notes

Returns informations of labels, nodes, edges

Response Class (Status 200)

Statistics

Model | Example Value

```
{
  "labelCount": "string",
  "labels": "string",
  "nodeCount": "string",
}
```



```
"propertyKeyCount": "string",
"relCount": "string",
"relTypeCount": "string",
"relTypes": "string",
"status": "string"
}
```

Response Content Type application/json ▼

Response Messages

HTTP Status Code	Reason	Response Model	Headers
404	statistic not found		

Try it out!

[BASE URL: , API VERSION: 0.0.10]