Calliope·Net Documentation

Network Data

Upload a network data in form of a graph json to create an Annotation Graph. Details are as follows:

```
{
    //all nodes in network
    "nodes":[...],
    //all links in network
    "links":[...]
}
```

Properties for data

1. nodes

An array that records all nodes in the network data, with each item in the array being a **node**.

node is an object containing at least the id property (the unique identifier of the node), as follows.

Property	Type	Description
id	String	**Required**, the unique identifier of the node
*	String/Number	General attributes of the node, unlimited in number, but should be attributes that every node has.

2. links

An array that records all links in the network data, with each item in the array being a **link**.

link is an object that contains at least the source and target properties, as follows:

Property	Type	Description
source	String	**Required**, corresponds to the *id* of a *node*
target	String	**Required**, corresponds to the *id* of a *node*

An Example

A network of actor collaborations, where *name* identifies the actor's name and *movie* indicates the number of movies the actor has appeared in.

```
{
    "nodes": [{
```

```json
        "id": "Jimmy-Wang-Yu",
        "name": "Jimmy Wang Yu",
        "movie": 11
    }, {
        "id": "Chin-Ping",
        "name": "Chin Ping",
        "movie": 10
    }, {
        "id": "Ivy-Ling-Po",
        "name": "Ivy Ling Po",
        "movie": 8
    }, {
        "id": "Lo-Lieh",
        "name": "Lo Lieh",
        "movie": 60
    }, {
        "id": "Tien-Feng",
        "name": "Tien Feng",
        "movie": 25
    }, ...],
    "links": [{
        "source": "Jimmy-Wang-Yu",
        "target": "Tien-Feng"
    }, {
        "source": "Chin-Ping",
        "target": "Tien-Feng"
    }, {
        "source": "Wong-Chung",
        "target": "Fan-Mei-Sheng"
    }, {
        "source": "Ivy-Ling-Po",
        "target": "Lo-Lieh"
    }, {
        "source": "Ivy-Ling-Po",
        "target": "Tien-Feng"
    }, ...]
}
```