NEW API

LOGIN:

request:

```
POST /login/

'username':'...'
'password':'...'
```

success response:

```
{
    'status': 'success',
}
```

fail response:

```
{
    'status': 'error',
    'reason': '<err_reason>',
}
```

LOGOUT:

success request:

```
POST /logout/
```

success response:

```
{
    'status': 'success',
}
```

fail response:

```
{
    'status': 'error',
    'reason': '<err_reason>',
}
```

ADD:

request:

```
POST /api/(node|link)/

info:
{
    'TYPE': 'Gene',
    'NAME': 'trnL',
    ...
}
```

success response:

```
{
    'ref_id': '<ref_id>'
}
```

fail response:

```
{
    'status': 'error',
    'reason': '<err_reason>',
}
```

REF:

request:

```
POST /api/(node|link)/

'info':
{
    'id': '123'
}
```

success response:

```
{
    'ref_id': '<ref_id>'
}
```

fail response:

```
{
    'status': 'error',
    'reason': '<err_reason>',
}
```

DELETE:

request:

```
DELETE /api/(node|link)/<ref_id>/
```

success response:

```
{
    'status': 'success',
}
```

fail response:

```
{
    'status': 'error',
    'reason': '<err_reason>',
}
```

SEARCH_URL

request:

```
POST /api/(node|link)/search/

'spec':{}
'fields':{}
'skip':[INTEGER]
'limit':[INTEGER]
```

response:

```
<results>
    <result>
        <NAME>thrL</NAME>
        <TYPE>Gene</TYPE>
        <_id>53f455e1af4bd63ddccee4a3</_id>
    </result>
    <result>
        <NAME>thrA</NAME>
        <TYPE>Gene</TYPE>
        <_id>53f455e1af4bd63ddccee4a4</_id>
    </result>
</results>
```

ex1

request :

```
POST /api/(node|link)/search/

'spec':
{
    "$and":
    {
        "$or":
        {
            "key1":"abc",
            "key2":123,
            "key3":"sfda"
        },
        "key4":"feiyicheng"
    }
}
```

explanation:

```
(key1 || key2 || key3) && key4
```

ex2

request:

```
POST /api/(node|link)/search/

'spec':
{
    "age":
    {
        "$gt":18
    }
}
```

explain:

```
< : "$lt"
> : "$gt"
<= : "$le"
>= : "$ge"
!= : "$ne"
```

ex3

仅返回NAME和TYPE字段

request:

```
POST /api/(node|link)/search/

'spec':
{
}
'field':
{
    'NAME':True,
    'TYPE':True
}
```

ex4

返回除了_ID以外的所有字段

request:

```
POST /api/(node|link)/search/

'spec':
{
}
'field':
{
    '_ID':False
}
```