

实体类

实体类-左侧树

→ ↺ ⚠ 不安全 | unigraph.xian.algmarket.com/#/mng/class

度一下 P 专利汇-专利查询网... M (14封未读邮件)阿...

知识图谱 Knowledge Graph

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请输入实体名称

查询实体名称 清空查询 实体类可视化

👤 实体类

+ 新增根实体类

📄 Task

📄 清清楚楚

🔍 征兆

📄 实体型号分类

🔍 测试实体类3

📄 故障处置

📄 文本资源

🔍 text

📄 故障

📄 健康状态

📄 Indicator

📄 故障诊断过程

🔍 测试实体类

🔍 测试类

📄 测试-meng2

📄 test

📄 测试实体类4

📄 Method

📄 实体型号

🔍 测试类667

http://unigraph.xian.algmarket.com/entcls/tree?_id=1669555906363

_id=1669555906363

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "entClsID": "02e5bcbb74e2472180bd57f937157c20",
      "entClsName": "Task",
      "clsType": "",
      "childCount": 0,
      "noneCount": 0
    },
    {
      "entClsID": "038b198e290341d19b96316655c94250",
      "entClsName": "清清楚楚",
      "clsType": "",
      "childCount": 0,
      "noneCount": 0
    },
    {

```

```
"entClsID": "1d61182a6ae14c529576078b8ac9384f",
"entClsName": "征兆",
"clsType": "",
"childCount": 0,
"noneCount": 1
},
{
  "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",
  "entClsName": "实体型号分类",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "3e00179ed3c94d5683c05519c52b6516",
  "entClsName": "故障处置",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
  "entClsName": "文本资源",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "4acd17fca4f8473fb8b9343e51e25a39",
  "entClsName": "text",
  "clsType": "",
  "childCount": 0,
  "noneCount": 1
},
{
  "entClsID": "581c9302762e4679a97b7cf23e3fd976",
  "entClsName": "故障",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "5bf596334b1947d7ac3eb84f40435fd7",
  "entClsName": "健康状态",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "6d13e168d4e449c6af67a7ebb858f35c",
  "entClsName": "Indicator",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "7514270c24dd42b08b8e144c409ab30d",
  "entClsName": "故障诊断过程",
```

```
"clsType": "",
"childCount": 0,
"noneCount": 0
},
{
  "entClsID": "79a6dd081eab43af959bd9a642b8445b",
  "entClsName": "测试实体类",
  "clsType": "",
  "childCount": 0,
  "noneCount": 1
},
{
  "entClsID": "885bb3733737443c978ddadd589aaf1e",
  "entClsName": "测试类",
  "clsType": "",
  "childCount": 0,
  "noneCount": 1
},
{
  "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
  "entClsName": "测试-meng2",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "aa621c7627b04f8ebf5693ef4835d64e",
  "entClsName": "test",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "ba8250a7912246838a7b4e106f8d0c3b",
  "entClsName": "Method",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
  "entClsName": "实体型号",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "beb27994605e40e79caa037cb101694a",
  "entClsName": "测试类2",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "d11c264b446e17ac495f48452046895b",
  "entClsName": "国家",
  "clsType": "",
  "childCount": 0,
```

```
"noneCount": 0
},
{
  "entClsID": "e0adf09147f84edf9751d7ce1904851f",
  "entClsName": "故障案例",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "e96990429da644359fd9289c4e4cf352",
  "entClsName": "文档",
  "clsType": "",
  "childCount": 0,
  "noneCount": 1
},
{
  "entClsID": "ea20ccd5bfb41a785a7cac11b230a27",
  "entClsName": "故障起因",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "f7f3d6209eeb4857996d37b7cf679c68",
  "entClsName": "测试2",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "fb977ccb7cf4406e8fc91b1554ec259a",
  "entClsName": "1234",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "fd29b17337a045adad742b6d6ae26a99",
  "entClsName": "测试-meng",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
  "entClsName": "故障诊断模型",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
},
{
  "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
  "entClsName": "指标",
  "clsType": "",
  "childCount": 0,
  "noneCount": 0
}
}
```

```
]
}
```

实体类-点击查询



<http://unigraph.xian.algmarket.com/ent/search/entcls?entName=%E6%B5%8B%E8%AF%95%E5%AE%9E%E4%BD%93%E7%B1%BB3>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "entClsID": "39bbc6feaf9841838230d624c2087413",
      "entClsName": "测试实体类3"
    },
    {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2"
    },
    {
      "entClsID": "885bb3733737443c978ddadd589aaf1e",
      "entClsName": "测试类"
    },
    {
      "entClsID": "e96990429da644359fd9289c4e4cf352",
      "entClsName": "文档"
    },
    {
      "entClsID": "e0adf09147f84edf9751d7ce1904851f",
      "entClsName": "故障案例"
    },
    {
      "entClsID": "581c9302762e4679a97b7cf23e3fd976",
      "entClsName": "故障"
    },
    {
      "entClsID": "1d61182a6ae14c529576078b8ac9384f",
      "entClsName": "征兆"
    },
    {
      "entClsID": "79a6dd081eab43af959bd9a642b8445b",

```

```
    "entClsName": "测试实体类"
  }
}
}
```

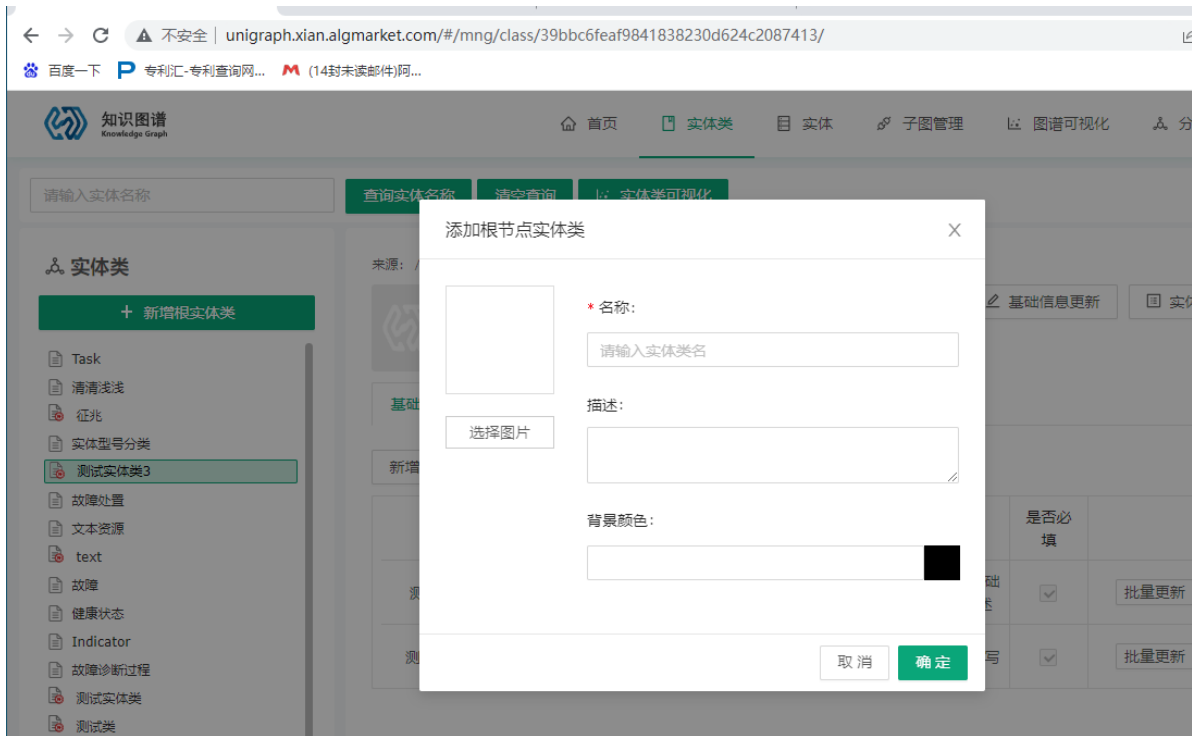
实体类-点击某一实体



<http://unigraph.xian.algmarket.com/entcls/39bbc6feaf9841838230d624c2087413>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "entClsMemo": "测试实体类3的描述",
    "entClsAllowAttrType": "CIDX,ELEM,MIME,NONE",
    "parents": null,
    "isRoot": "T",
    "entClsIcon": null,
    "backgroundColor": "#ff1e02",
    "clsType": null
  }
}
```

实体类-左侧树-上方按钮提交-添加实体类

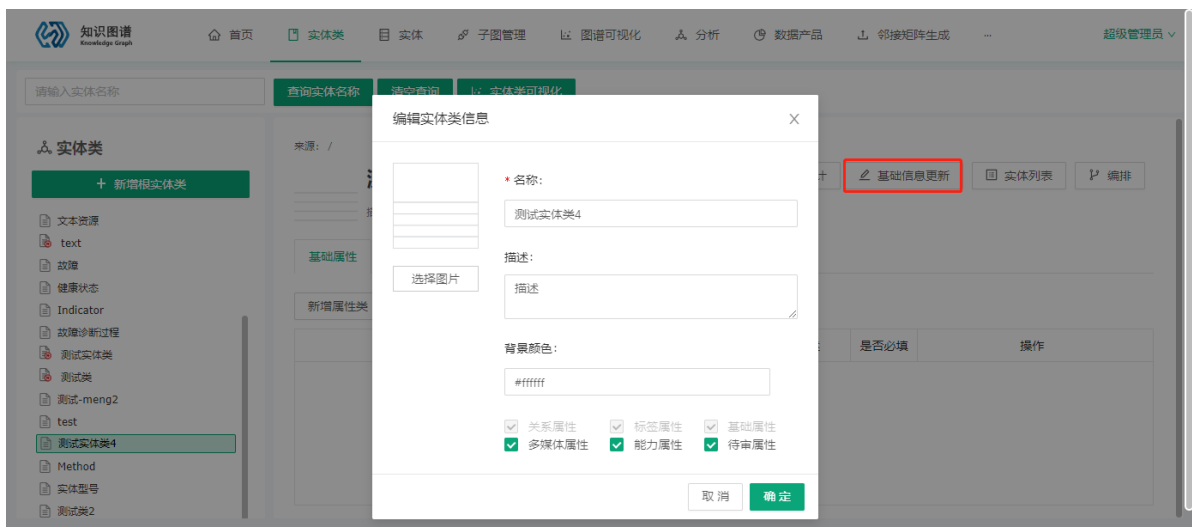


<http://unigraph.xian.algmarket.com/entcls/add>

1. entClsName: 测试实体类3
2. pid:
3. entClsMemo: 测试实体类3的描述
4. entClsIcon:
5. backGroundColor: #ff1e02

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "39bbc6feaf9841838230d624c2087413"
}
```

实体类-基础信息更新



<http://unigraph.xian.algmarket.com/entcls/update>

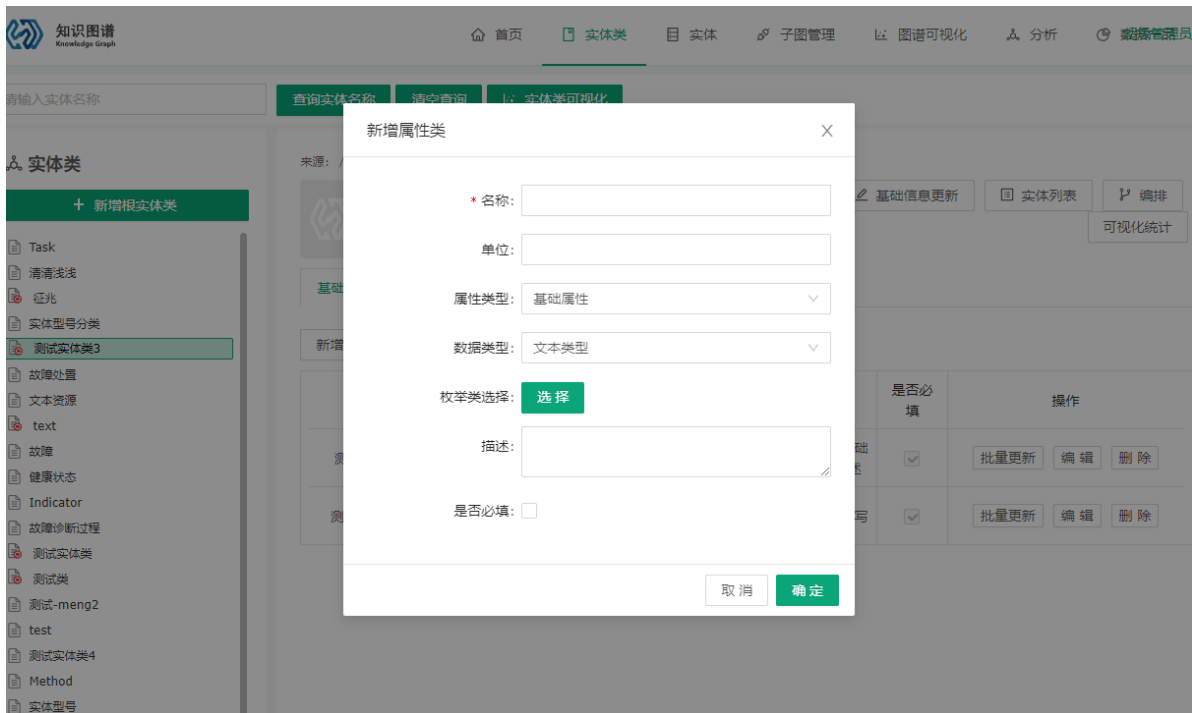
实体类-基础属性

<http://unigraph.xian.algmarket.com/attrcls/39bbc6feaf9841838230d624c2087413/list?id=39bbc6feaf9841838230d624c2087413&attrType=ELEM>

id: 39bbc6feaf9841838230d624c2087413
attrType: ELEM

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "c6f27bba700d4ec6b650228ea1f4ab7f",
      "attrClsName": "测试实体类基础属性",
      "attrType": "ELEM",
      "attrValueType": "TEXT",
      "isEdit": "T",
      "attrUnit": "实体类基础属性单位",
      "attrClsMemo": "实体类基础属性描述",
      "domain": null,
      "entUseCount": null,
      "notNull": true
    },
    {
      "attrClsID": "03cbdaf78f3d4f06a1829a528ff2293e",
      "attrClsName": "测试实体类基础属性2",
      "attrType": "ELEM",
      "attrValueType": "TEXT",
      "isEdit": "T",
      "attrUnit": "实体类基础属性单位2",
      "attrClsMemo": "描述，没写",
      "domain": null,
      "entUseCount": null,
      "notNull": true
    }
  ]
}
```

实体类-基础属性-添加



<http://unigraph.xian.algmarket.com/attrcls/add>

1. attrClsName: 测试实体类基础属性
2. attrUnit: 实体类基础属性单位
3. entAndAttrType: ELEM
4. entClsID: 39bbc6feaf9841838230d624c2087413
5. attrClsMemo: 实体类基础属性描述
6. valueType: TEXT
7. domainKey:
8. isPublic: 0
9. maxValue:
10. minValue:
11. notNull: true

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "c6f27bba700d4ec6b650228ea1f4ab7f"
}
```

实体类-基础属性-更新



<http://unigraph.xian.algmarket.com/attrcls/update>

```
attrClsID: 877600f7431748c1939c02188128d6ad
attrClsName: 基础属性名称
attrUnit: 基础属性单位
attrClsMemo: 基础属性描述
valueType: TEXT
attrType: ELEM
domainKey:
isPublic: 0
maxValue:
minValue:
notNull: true
```

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "877600f7431748c1939c02188128d6ad"
}
```

实体类-基础属性-删除



<http://unigraph.xian.algmarket.com/attrcls/del/877600f7431748c1939c02188128d6ad>

id: 877600f7431748c1939c02188128d6ad

```
{
  "code": 200,
  "msg": "成功删除该属性类和其实例化",
  "duration": null,
  "data": null
}
```

实体-能力属性list

查询实体名称

清空查询

实体类可视化

来源: /

测试实体类3

测试实体类3的描述

基础信息更新

实体列表

编排

可视化统计

基础属性

能力属性

多媒体属性

待审属性

关系属性

标签属性

新增属性类

名称	单位	数据类型	值范围	描述	是否必填	操作
添加能力属性	能力属性单位	文本类型		能力属性描述	☐	编辑 删除

注：基础属性，能力属性，多媒体属性结构，接口都一致，只是attrType不一样

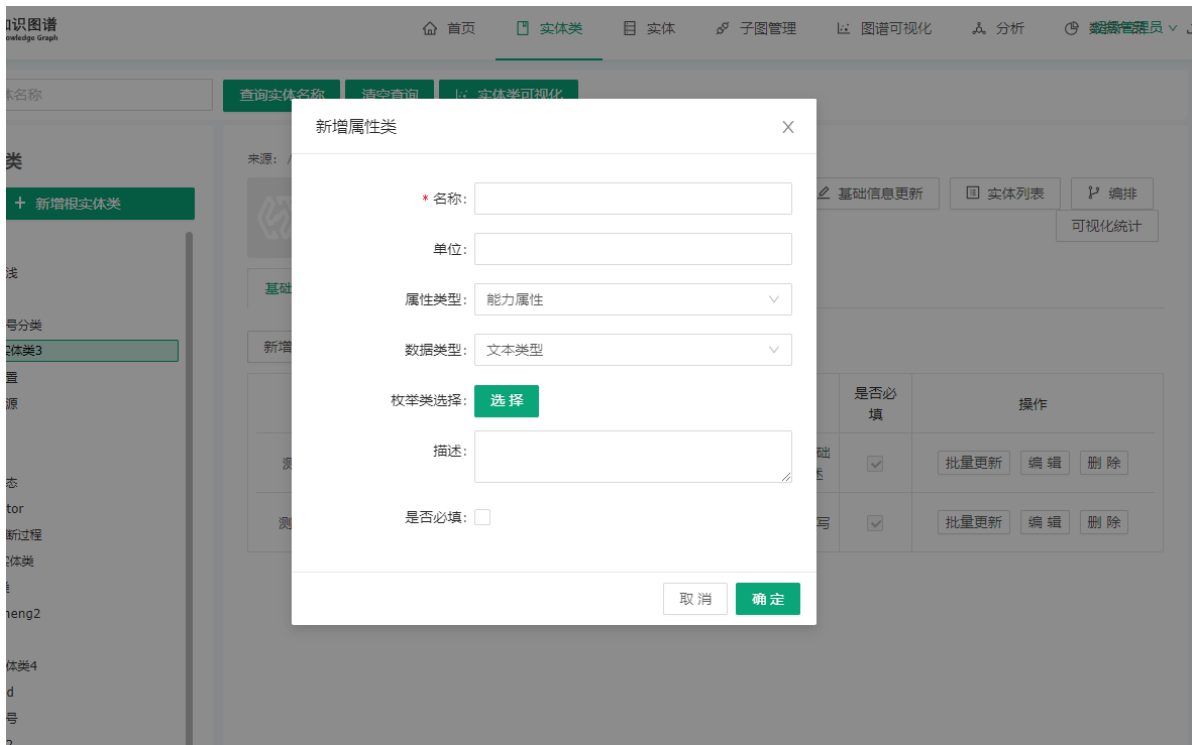
多媒体的attrType: MIME

<http://unigraph.xian.algmarket.com/attrcls/39bbc6feaf9841838230d624c2087413/list?id=39bbc6feaf9841838230d624c2087413&attrType=CIDX>

id: 39bbc6feaf9841838230d624c2087413
attrType: CIDX

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "c0bf47cf3842425fb4cb660ee7d14aaa",
      "attrClsName": "添加能力属性",
      "attrType": "CIDX",
      "attrValueType": "TEXT",
      "isEdit": "T",
      "attrUnit": "能力属性单位",
      "attrClsMemo": "能力属性描述",
      "domain": null,
      "entUseCount": null,
      "notNull": false
    }
  ]
}
```

实体类能力属性添加



<http://unigraph.xian.algmarket.com/attrcls/add>

1. attrClsName: 添加能力属性
2. attrUnit: 能力属性单位
3. entAndAttrType: CIDX
4. entClsID: 39bbc6feaf9841838230d624c2087413
5. attrClsMemo: 能力属性描述
6. valueType: TEXT
7. domainKey:
8. isPublic: 0
9. maxValue:
10. minValue:
11. notNull: false

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "c6f27bba700d4ec6b650228ea1f4ab7f"
}
```

实体类-待审属性-list---待审属性是实体的其他属性--待审属性可以迁移到基础属性或能力属性

<http://unigraph.xian.algmarket.com/attrcls/none/list>

```
entClsID:
39bbc6feaf9841838230d624c2087413
```

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
```

```
"pageCount": 1,
"count": 1,
"attrClsVOList": [
  {
    "attrClsID": "0e0e76ab8d2d4e80b249dbf646815f6e",
    "attrClsName": "其他属性",
    "attrType": null,
    "attrValueType": "TEXT",
    "isEdit": null,
    "attrUnit": null,
    "attrClsMemo": null,
    "domain": null,
    "entUseCount": 1,
    "notNull": null
  }
]
}
```

实体类-关系属性list

查询实体名称

清空查询

实体类可视化

来源: /



测试实体类3

测试实体类3的描述

基础信息更新

实体列表

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基础属性

能力属性

多媒体属性

待审属性

关系属性

标签属性

以此为起点

以此为终点

添加

测试类2->关系名称 -> 测试实体类3

start

<http://unigraph.xian.algmarket.com/relcls/39bbc6feaf9841838230d624c2087413/list?entClsType=START>

entClsType: START

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": []
}
```

end

<http://unigraph.xian.algmarket.com/relcls/39bbc6feaf9841838230d624c2087413/list?entClsType=ENT>

entClsType: ENT

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
      "relClsName": "关系名称",
      "relClsMemo": null,
      "backgroundColor": "#00afee",
      "endEntCls": {
        "entClsID": "beb27994605e40e79caa037cb101694a",
        "entClsName": "测试类2",
        "pid": null
      },
      "startEntClsID": "39bbc6feaf9841838230d624c2087413",
      "startEntClsName": "测试实体类3"
    }
  ]
}
```

实体类-标签属性-list

来源: /



测试实体类3

测试实体类3的描述

[基础信息更新](#) [实体列表](#) [编排](#) [可视化统计](#)

[基础属性](#) [能力属性](#) [多媒体属性](#) [待审属性](#) [关系属性](#) [标签属性](#)

[添加标签属性](#) [+ 新建标签](#)

<http://unigraph.xian.algmarket.com/tag/39bbc6feaf9841838230d624c2087413/taglist>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "tagID": "be25e32953914276a6836a7723489292",
      "tagName": "添加标签属性",
      "tagMemo": null,
      "createTime": "2022-11-27T13:56:43.967+0000",
      "visualType": "HIDE",
      "confidence": null,
      "isIntegrated": "T"
    }
  ]
}
```

```
]
}
```

实体类-关系属性-添加关系



<http://unigraph.xian.algmarket.com/relcls/add>

1. startID: beb27994605e40e79caa037cb101694a
2. endID: 39bbc6feaf9841838230d624c2087413
3. backGroundColor: #00afee
4. relClsName: 关系名称

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "1d017437eef14d6280d13ee7f143fcbf"
}
```

实体类-关系属性-添加关系（自己新建关系）

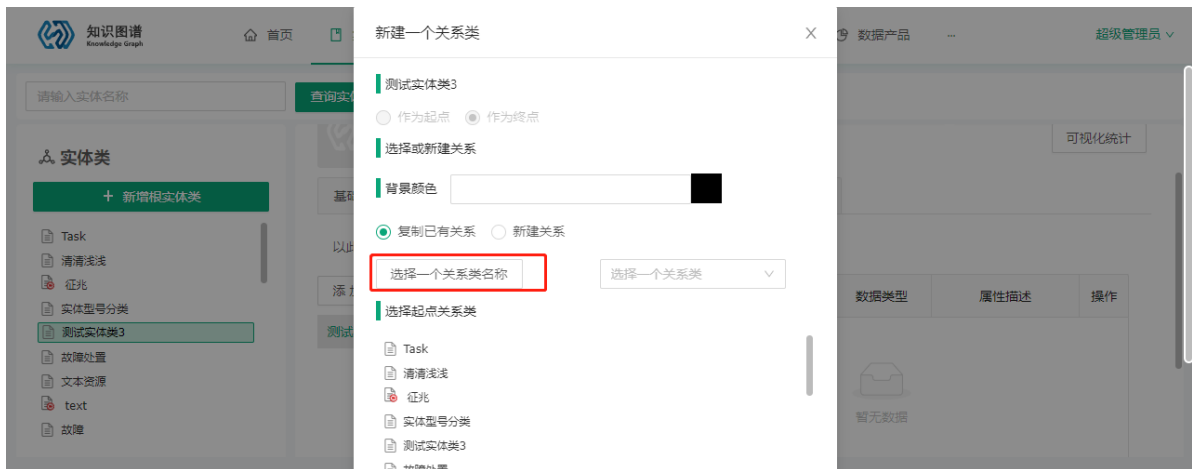


<http://unigraph.xian.algmarket.com/relcls/add>

startID: b3bd503088ae4a30b2dba4c61172d3cf
endID: 038b198e290341d19b96316655c94250
backGroundColor: #ff1e02
relClsName: 自己新建的关系

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "93bba3d205b449b988417c1f6cf9b905"
}
```

实体类-新建关系-选择一个关系类名称



<http://unigraph.xian.algmarket.com/relcls/list?name=输入&size=10&isModel=false>

```
{
  "records": [
    {
      "relClsID": "01ec78b5f6104df2bcc5cb2c73bc2be7",
      "relClsName": "输入",
      "relClsMemo": null,
      "startEntCls": {
        "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
        "entClsName": "指标",

```

```
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
    "entClsName": "故障诊断模型",
    "pid": null
  }
},
{
  "relClsID": "0938dbfca79a454b8e5cae15cec108c6",
  "relClsName": "对应",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  }
},
{
  "relClsID": "0a357d14b7cf4713bf7ed9d8d47291e1",
  "relClsName": "可导致",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  }
},
{
  "relClsID": "0d695d4eca7d4c5b906703db5433e853",
  "relClsName": "出现",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  }
},
{
  "relClsID": "105bdd7d51514c1cbb3552fbd6bf0319",
  "relClsName": "引起",
  "relClsMemo": null,
  "startEntCls": {
```

```
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  }
},
{
  "relClsID": "16f3cf5d89084ecbb53496e21c80aa13",
  "relClsName": "对应",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  }
},
{
  "relClsID": "1cb53b4c108e41929a7cb0f72ea33dcc",
  "relClsName": "处置",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "3e00179ed3c94d5683c05519c52b6516",
    "entClsName": "故障处置",
    "pid": null
  }
},
{
  "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
  "relClsName": "关系名称",
  "relClsMemo": null,
  "startEntCls": {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "pid": null
  }
},
{
  "relClsID": "20393124d0bf4de1af2c4577e9721008",
  "relClsName": "关联",
```

```

    "relClsMemo": null,
    "startEntCls": {
      "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
      "entClsName": "文本资源",
      "pid": null
    },
    "endEntCls": {
      "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
      "entClsName": "文本资源",
      "pid": null
    }
  },
  {
    "relClsID": "2cac65cb7b6b400f9ee7fa1e6aee774a",
    "relClsName": "起因",
    "relClsMemo": null,
    "startEntCls": {
      "entClsID": "e0adf09147f84edf9751d7ce1904851f",
      "entClsName": "故障案例",
      "pid": null
    },
    "endEntCls": {
      "entClsID": "ea20ccd5bfb41a785a7cac11b230a27",
      "entClsName": "故障起因",
      "pid": null
    }
  }
],
"total": 35,
"size": 10,
"current": 1,
"headers": null,
"searchCount": true,
"pages": 4
}

```

选择对应后 右边的下拉框



<http://unigraph.xian.algmarket.com/relcls/list?name=%E5%AF%B9%E5%BA%94>

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,

```

```
"data": {
  "records": [
    {
      "relClsID": "16f3cf5d89084ecbb53496e21c80aa13",
      "relClsName": "对应",
      "relClsMemo": null,
      "startEntCls": {
        "entClsID": "1d61182a6ae14c529576078b8ac9384f",
        "entClsName": "征兆",
        "pid": null
      },
      "endEntCls": {
        "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
        "entClsName": "实体型号",
        "pid": null
      }
    },
    {
      "relClsID": "0938dbfca79a454b8e5cae15cec108c6",
      "relClsName": "对应",
      "relClsMemo": null,
      "startEntCls": {
        "entClsID": "e0adf09147f84edf9751d7ce1904851f",
        "entClsName": "故障案例",
        "pid": null
      },
      "endEntCls": {
        "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
        "entClsName": "实体型号",
        "pid": null
      }
    },
    {
      "relClsID": "aa44e654e1df47f1b28cb6e25c74f708",
      "relClsName": "对应",
      "relClsMemo": null,
      "startEntCls": {
        "entClsID": "1d61182a6ae14c529576078b8ac9384f",
        "entClsName": "征兆",
        "pid": null
      },
      "endEntCls": {
        "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
        "entClsName": "指标",
        "pid": null
      }
    },
    {
      "relClsID": "90ba782449c04eae9af5b5c8ba33d211",
      "relClsName": "对应",
      "relClsMemo": null,
      "startEntCls": {
        "entClsID": "e0adf09147f84edf9751d7ce1904851f",
        "entClsName": "故障案例",
        "pid": null
      },
      "endEntCls": {
        "entClsID": "581c9302762e4679a97b7cf23e3fd976",
```

```
        "entClsName": "故障",
        "pid": null
    }
},
"total": 4,
"size": 20,
"current": 1,
"headers": null,
"searchCount": true,
"pages": 1
}
```

实体类-关系属性-选择一个关系

<http://unigraph.xian.algmarket.com/relcls/1d017437eef14d6280d13ee7f143fcbf/attrs?id=1d017437eef14d6280d13ee7f143fcbf>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "26e26501662246dd9e57019c239a86f5",
      "attrClsName": "测试关系类属性3",
      "attrUnit": null,
      "attrClsMemo": null,
      "attrValueType": "TEXT"
    }
  ]
}
```

实体类-关系属性-修改关系

The screenshot shows the 'Test Entity Class 4' configuration page in the Unigraph Xian Algmarket system. The page has a top navigation bar with various icons and a '超级管理员' (Super Admin) dropdown. The main content area is divided into a left sidebar and a main panel. The sidebar contains a search bar and a list of entity classes, including '文本资源', 'text', '故障', '健康状态', 'Indicator', '故障诊断过程', '测试实体类', '测试类', '测试-meng2', and 'test'. The main panel displays the configuration for '测试实体类4'. It includes a '来源: /' (Source: /) field, a '描述' (Description) field, and a '关系属性' (Relationship Attribute) tab. The '关系属性' tab shows a configuration for '测试实体类4->输入 -> Task'. The configuration includes a '新增关系类属性' (Add Relationship Class Attribute) button and a table with columns: '属性名称' (Attribute Name), '属性单位' (Attribute Unit), '数据类型' (Data Type), '属性描述' (Attribute Description), and '操作' (Action). The table is currently empty.

<http://unigraph.xian.algmarket.com/relcls/update>

relClsID: 0da12bd90ebb495aac0d91481ce8d5d8

relClsName: 输入

backgroundColor: #808080

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": null
}
```

实体类-关系属性-删除关系



<http://unigraph.xian.algmarket.com/relcls/del/0da12bd90ebb495aac0d91481ce8d5d8>

```
{
  "code": 200,
  "msg": "删除成功",
  "duration": null,
  "data": null
}
```

实体类-关系属性-选择一个关系-新增关系类属性



<http://unigraph.xian.algmarket.com/relcls/attrcls/add>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": "26e26501662246dd9e57019c239a86f5"
}
```

实体类-标签-添加标签

来源: /



测试实体类3

测试实体类3的描述

[基础信息更新](#)[实体列表](#)[编排](#)[可视化统计](#)

[基础属性](#)[能力属性](#)[多媒体属性](#)[待审属性](#)[关系属性](#)[标签属性](#)

[添加标签属性](#) ×

<http://unigraph.xian.algmarket.com/tag/add>

1. vertexId: 39bbc6feaf9841838230d624c2087413
2. tagName: 添加标签属性

```
{
  "code": 200,
  "msg": "已新建标签与顶点间的关联",
  "duration": null,
  "data": true
}
```

实体

实体-点击左侧实体类查询实体

<http://unigraph.xian.algmarket.com/ent/entquery?searchStr=&entClsIDs=39bbc6feaf9841838230d624c2087413&pagenum=1&pagesize=9&isModel=false&isIcon=true>

```
searchStr:
entClsIDs: 39bbc6feaf9841838230d624c2087413
pagenum: 1
pagesize: 9
isModel: false
isIcon: true
```

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
```

```

"pageSize": 9,
"count": 2,
"pageCount": 1,
"entList": [
  {
    "entID": "680ffb1a9af742f98bae6e98f83f7c43",
    "entName": "测试实体类3-实体2",
    "entIcon": "",
    "lastTime": "2022-12-02 15:35:23.902",
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "dataSrc": ""
  },
  {
    "entID": "5542d913782c4e71a71a7b410611ea8f",
    "entName": "测试新增实体",
    "entIcon": "",
    "lastTime": "2022-11-27 22:05:44.683",
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "dataSrc": ""
  }
]
}

```

实体-查看实体图

ph.xian.algmarket.com/#/mng/class/39bbc6feaf9841838230d624c2087413/entity_v2?clsName=测试实体类3

(14封未读邮件)阿...

首页 实体类 实体 子图管理 图谱可视化 分析 数据产品 邻接矩阵生成 查询

请输入实体名称 查询实体名称 清空查询

人 实体类

- Task
- 清除记录
- 征北
- 实体型号分类
- 测试实体类3
- 故障处置
- 文本资源
- text
- 故障

模板 实体

名称 搜索

测试实体类3-实体2	2022-12-02
------------	------------

查看/编辑 参照创建 删除

图谱预览: 测试实体类3-实体2

2022-11-2 删除

<http://unigraph.xian.algmarket.com/show/graph>

```

{
  "entId": "680ffb1a9af742f98bae6e98f83f7c43",
  "degree": 2,
  "delEntIds": "",
  "direction": "BOTH",
  "isModel": false,
  "limitNum": 3,
  "entConditionQueries": []
}

```

```

{
  "code": 200,

```

```
"msg": "请求成功",
"duration": null,
"data": {
  "entID": "680ffb1a9af742f98bae6e98f83f7c43",
  "entName": null,
  "entListVO": [
    {
      "entClsID": "39bbc6feaf9841838230d624c2087413",
      "entClsName": "测试实体类3",
      "backgroundColor": "#ff1e02",
      "entID": "680ffb1a9af742f98bae6e98f83f7c43",
      "entName": "测试实体类3-实体2",
      "entIcon": null,
      "createTime": null,
      "updateTime": null,
      "entClsIcon": null,
      "unionID": null,
      "relNum": 2
    },
    {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2",
      "backgroundColor": "#00afee",
      "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
      "entName": "测试类2实体",
      "entIcon": null,
      "createTime": null,
      "updateTime": null,
      "entClsIcon": null,
      "unionID": null,
      "relNum": 3
    },
    {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2",
      "backgroundColor": "#00afee",
      "entID": "4aeb7f1897d543fd86f621ef07236c03",
      "entName": "新增关联实体",
      "entIcon": null,
      "createTime": null,
      "updateTime": null,
      "entClsIcon": null,
      "unionID": null,
      "relNum": 3
    },
    {
      "entClsID": "39bbc6feaf9841838230d624c2087413",
      "entClsName": "测试实体类3",
      "backgroundColor": "#ff1e02",
      "entID": "5542d913782c4e71a71a7b410611ea8f",
      "entName": "测试新增实体",
      "entIcon": null,
      "createTime": null,
      "updateTime": null,
      "entClsIcon": null,
      "unionID": null,
      "relNum": 2
    }
  ],
}
```

```
{
  "entClsID": "885bb3733737443c978ddadd589aaf1e",
  "entClsName": "测试类",
  "backgroundColor": "#c21401",
  "entID": "7e1a3eead9f445b6bd8a4e6628ea3258",
  "entName": "测试类实体",
  "entIcon": null,
  "createTime": null,
  "updateTime": null,
  "entClsIcon": null,
  "unionID": null,
  "relNum": 2
}
],
"relListVO": [
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "0b08356a65e946a1ba8c52dd1b5edc90",
    "relName": "",
    "endEntID": "680ffb1a9af742f98bae6e98f83f7c43",
    "startEntID": "ee78b08123cf4cc59fb8115ef8e0354c"
  },
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "2e74dbe1aa504d2c9a6f64323be795b3",
    "relName": "",
    "endEntID": "680ffb1a9af742f98bae6e98f83f7c43",
    "startEntID": "4aeb7f1897d543fd86f621ef07236c03"
  },
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "6bf57c0d157b4369bf8ed78a10e1120e",
    "relName": "",
    "endEntID": "5542d913782c4e71a71a7b410611ea8f",
    "startEntID": "ee78b08123cf4cc59fb8115ef8e0354c"
  },
  {
    "relClsID": "b452894470b24ddcb322693b06d6a3bd",
    "relClsName": "测试类关系",
    "backgroundColor": null,
    "relID": "652da808eae24c19b585f30f8b24baed",
    "relName": "",
    "endEntID": "ee78b08123cf4cc59fb8115ef8e0354c",
    "startEntID": "7e1a3eead9f445b6bd8a4e6628ea3258"
  },
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "1fe2ab45b56b48c6b0bd7a532eaa4094",
    "relName": "",
    "endEntID": "5542d913782c4e71a71a7b410611ea8f",
```

```
    "startEntID": "4aeb7f1897d543fd86f621ef07236c03"
  },
  {
    "relClsID": "b452894470b24ddcb322693b06d6a3bd",
    "relClsName": "测试类关系",
    "backgroundColor": null,
    "relID": "1b5d0810828c4c6aae10560b8b857136",
    "relName": "",
    "endEntID": "4aeb7f1897d543fd86f621ef07236c03",
    "startEntID": "7e1a3eead9f445b6bd8a4e6628ea3258"
  }
],
"entClsListVO": [
  {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "backgroundColor": null
  },
  {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
    "backgroundColor": null
  },
  {
    "entClsID": "885bb3733737443c978ddadd589aaf1e",
    "entClsName": "测试类",
    "backgroundColor": null
  }
],
"relClsListVO": [
  {
    "startEntCls": {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2",
      "backgroundColor": null
    },
    "entEntCls": {
      "entClsID": "39bbc6feaf9841838230d624c2087413",
      "entClsName": "测试实体类3",
      "backgroundColor": null
    },
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": null
  },
  {
    "startEntCls": {
      "entClsID": "885bb3733737443c978ddadd589aaf1e",
      "entClsName": "测试类",
      "backgroundColor": null
    },
    "entEntCls": {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2",
      "backgroundColor": null
    },
    "relClsID": "b452894470b24ddcb322693b06d6a3bd",
    "relClsName": "测试类关系",
```

```
    "backgroundColor": null
  }
]
}
}
```

实体-查看编辑实体



<http://unigraph.xian.algmarket.com/relcls/all/list/39bbc6feaf9841838230d624c2087413>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "relClsId": "1d017437eef14d6280d13ee7f143fcbf",
      "relClsName": "关系名称",
      "direction": "ENT",
      "otherVName": "测试类2",
      "otherVID": "beb27994605e40e79caa037cb101694a"
    }
  ]
}
```

<http://unigraph.xian.algmarket.com/ent/680ffb1a9af742f98bae6e98f83f7c43?isModel=false>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "entID": "680ffb1a9af742f98bae6e98f83f7c43",
    "entName": "测试实体类3-实体2",
    "entMemo": "",
    "entIcon": null,
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "entClsAllowAttrType": "CIDX,ELEM,MIME,NONE",
    "entClsMemo": "测试实体类3的描述",
    "entClsIcon": null,
    "isModel": false
  }
}
```

<http://unigraph.xian.algmarket.com/ent/680ffb1a9af742f98bae6e98f83f7c43/attrs?attrType=ELEM&id=680ffb1a9af742f98bae6e98f83f7c43&isModel=false>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "03cbdaf78f3d4f06a1829a528ff2293e",
      "attrClsName": "测试实体类基础属性2",
      "attrClsMemo": "描述，没写",
      "attrUnit": "实体类基础属性单位2",
      "attrValueType": "TEXT",
      "notNull": true,
      "domain": null,
      "entAttrValueVO": {
        "attrID": "ce2ab3d1e43b47ac9ef5ec64dc5f8acd",
        "attrValue": "10",
        "attrMemo": ""
      }
    },
    {
      "attrClsID": "c6f27bba700d4ec6b650228ea1f4ab7f",
      "attrClsName": "测试实体类基础属性",
      "attrClsMemo": "实体类基础属性描述",
      "attrUnit": "实体类基础属性单位",
      "attrValueType": "TEXT",
      "notNull": true,
      "domain": null,
      "entAttrValueVO": {
        "attrID": "de356b2334294575b93802ba7d88337b",
        "attrValue": "2",
        "attrMemo": ""
      }
    }
  ]
}
```

<http://unigraph.xian.algmarket.com/all/680ffb1a9af742f98bae6e98f83f7c43/list?degree=1>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "entID": "680ffb1a9af742f98bae6e98f83f7c43",
    "entName": null,
    "entListVO": [
      {
        "entClsID": "39bbc6feaf9841838230d624c2087413",
        "entClsName": "测试实体类3",
        "backgroundColor": "#ff1e02",
        "entID": "680ffb1a9af742f98bae6e98f83f7c43",
        "entName": "测试实体类3-实体2",

```

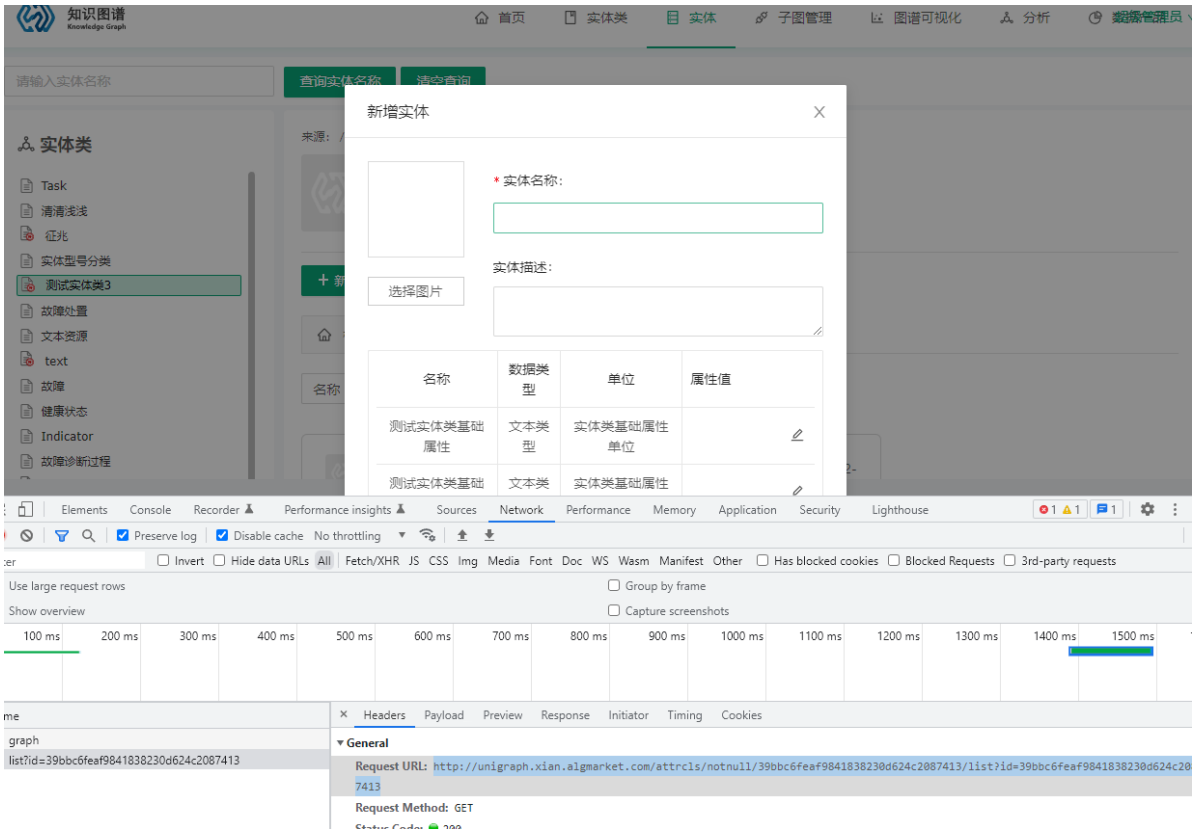
```
"entIcon": null,
"createTime": "2022-12-02 15:00:49.182",
"updateTime": "2022-12-02 15:35:23.902",
"entClsIcon": null,
"unionID": null,
"relNum": 2
},
{
  "entClsID": "beb27994605e40e79caa037cb101694a",
  "entClsName": "测试类2",
  "backgroundColor": "#00afee",
  "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
  "entName": "测试类2实体",
  "entIcon": null,
  "createTime": "2022-11-27 13:49:50.312",
  "updateTime": "2022-11-27 13:49:50.312",
  "entClsIcon": null,
  "unionID": null,
  "relNum": 1
},
{
  "entClsID": "beb27994605e40e79caa037cb101694a",
  "entClsName": "测试类2",
  "backgroundColor": "#00afee",
  "entID": "4aeb7f1897d543fd86f621ef07236c03",
  "entName": "新增关联实体",
  "entIcon": null,
  "createTime": "2022-11-27 13:51:20.955",
  "updateTime": "2022-11-27 13:51:20.955",
  "entClsIcon": null,
  "unionID": null,
  "relNum": 1
}
],
"relListVO": [
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "0b08356a65e946a1ba8c52dd1b5edc90",
    "relName": "关系名称",
    "endEntID": "680ffb1a9af742f98bae6e98f83f7c43",
    "startEntID": "ee78b08123cf4cc59fb8115ef8e0354c"
  },
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "2e74dbe1aa504d2c9a6f64323be795b3",
    "relName": "关系名称",
    "endEntID": "680ffb1a9af742f98bae6e98f83f7c43",
    "startEntID": "4aeb7f1897d543fd86f621ef07236c03"
  }
],
"entClsListVO": [
  {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
```

```

        "backgroundColor": "#00afee"
    },
    ],
    "relClsListVo": [
        {
            "startEntCls": {
                "entClsID": "beb27994605e40e79caa037cb101694a",
                "entClsName": "测试类2",
                "backgroundColor": "#00afee"
            },
            "entEntCls": {
                "entClsID": "39bbc6feaf9841838230d624c2087413",
                "entClsName": "测试实体类3",
                "backgroundColor": "#ff1e02"
            },
            "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
            "relClsName": "关系名称",
            "backgroundColor": "#00afee"
        }
    ]
}
}
}

```

实体-点击新增按钮-弹出表单查询



<http://unigraph.xian.algmarket.com/attrcls/notnull/39bbc6feaf9841838230d624c2087413/list?id=39bbc6feaf9841838230d624c2087413>

id: 39bbc6feaf9841838230d624c2087413

```
{
```

```

"code": 200,
"msg": "请求成功",
"duration": null,
"data": [
  {
    "attrClsID": "c6f27bba700d4ec6b650228ea1f4ab7f",
    "attrClsName": "测试实体类基础属性",
    "attrType": "ELEM",
    "attrValueType": "TEXT",
    "isEdit": "T",
    "attrUnit": "实体类基础属性单位",
    "attrClsMemo": "实体类基础属性描述",
    "domain": null,
    "entUseCount": null,
    "notNull": true
  },
  {
    "attrClsID": "03cbdaf78f3d4f06a1829a528ff2293e",
    "attrClsName": "测试实体类基础属性2",
    "attrType": "ELEM",
    "attrValueType": "TEXT",
    "isEdit": "T",
    "attrUnit": "实体类基础属性单位2",
    "attrClsMemo": "描述, 没写",
    "domain": null,
    "entUseCount": null,
    "notNull": true
  }
]
}

```

实体-新增实体

图片同上, 点击确认时提交服务

<http://unigraph.xian.algmarket.com/ent/add>

```

{
  "entClsID": "39bbc6feaf9841838230d624c2087413",
  "entMemo": "新增实体描述",
  "entName": "测试新增实体",
  "entIcon": "",
  "notNullAttrVOList": [
    {
      "attrClsID": "c6f27bba700d4ec6b650228ea1f4ab7f",
      "attrValue": "100"
    }
  ],
  "isModel": false
}

```

其中notNullAttrVOList应该是取得实体类属性的id, value是自己输入

notNullAttrVOList是实体类里添加的基础属性, 不包括能力和多媒体属性等

实体-基本属性-list

测试实体类3-实体2

测试实体类3

基础信息更新

基本属性

其他属性

关联关系

基础属性

*测试实体类基础属性2:

10

实体类基础属性单位2

*测试实体类基础属性:

2

实体类基础属性单位

能力属性

添加能力属性:

能力属性单位

多媒体属性

多媒体属性:

7dd1bb04771f46d59bb562be2bd2a3a

上传

下载

筛选

可视化

测试实体类3-实体2

基本属性

<http://unigraph.xian.algmarket.com/ent/680ffb1a9af742f98bae6e98f83f7c43/attrs?attrType=CIDX&id=680ffb1a9af742f98bae6e98f83f7c43&isModel=false>

id: ac99baf8c1e14d3bb51e2b8ba7121e28,3957d62927d149baa23273a9c6258008
isModel: false

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "c0bf47cf3842425fb4cb660ee7d14aaa",
      "attrClsName": "添加能力属性",
      "attrClsMemo": "能力属性描述",
      "attrUnit": "能力属性单位",
      "attrValueType": "TEXT",
      "notNull": false,
      "domain": null,
      "entAttrValueVO": null
    }
  ]
}
```

能力属性

<http://unigraph.xian.algmarket.com/ent/680ffb1a9af742f98bae6e98f83f7c43/attrs?attrType=ELEM&id=680ffb1a9af742f98bae6e98f83f7c43&isModel=false>

attrType: ELEM
id: 680ffb1a9af742f98bae6e98f83f7c43
isModel: false

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "03cbdaf78f3d4f06a1829a528ff2293e",
      "attrClsName": "测试实体类基础属性2",
      "attrClsMemo": "描述，没写",
      "attrUnit": "实体类基础属性单位2",
      "attrValueType": "TEXT",
      "notNull": true,
      "domain": null,
      "entAttrValueVO": {
        "attrID": "ce2ab3d1e43b47ac9ef5ec64dc5f8acd",
        "attrValue": "10",
        "attrMemo": ""
      }
    },
    {
      "attrClsID": "c6f27bba700d4ec6b650228ea1f4ab7f",
      "attrClsName": "测试实体类基础属性",
      "attrClsMemo": "实体类基础属性描述",
      "attrUnit": "实体类基础属性单位",
      "attrValueType": "TEXT",
      "notNull": true,
      "domain": null,
      "entAttrValueVO": {
        "attrID": "de356b2334294575b93802ba7d88337b",
        "attrValue": "2",
        "attrMemo": ""
      }
    }
  ]
}

```

这里实体基础属性为什么要单独弄一个entAttrValueVO

多媒体属性

<http://unigraph.xian.algmarket.com/ent/680ffb1a9af742f98bae6e98f83f7c43/attrs?attrType=MIME&id=680ffb1a9af742f98bae6e98f83f7c43&isModel=false>

```

attrType: MIME
id: 680ffb1a9af742f98bae6e98f83f7c43
isModel: false

```

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "attrClsID": "88a72ae30fd943ffb7aeb7df1a502593",
      "attrClsName": "多媒体属性",
      "attrClsMemo": null,
      "attrUnit": null,

```

```
    "attrValueType": "TEXT",
    "notNull": false,
    "domain": null,
    "entAttrValuevo": {
      "attrID": "1bbb3cc5eb654f02b49b64696a53723e",
      "attrValue": "7dd1bb04771f46d59bbb562be2bd2a3a",
      "attrMemo": ""
    }
  }
}
```

实体-添加实体属性

<http://unigraph.xian.algmarket.com/ent/update/batch>

- 1. entId: 5542d913782c4e71a71a7b410611ea8f
- 2. isModel: false
- 3. list[0].attrClsId: c0bf47cf3842425fb4cb660ee7d14aaa
- 4. list[0].attrValue: 添加能力属性单位
- 5. list[0].entAndAttrType: CIDX

实体-实体基础属性-修改了一个基础属性的值

<http://unigraph.xian.algmarket.com/ent/update/batch>

```
entId: 680ffb1a9af742f98bae6e98f83f7c43
isModel: false
list[0].attrClsId: 03cbdaf78f3d4f06a1829a528ff2293e
list[0].attrValue: 10
list[0].entAndAttrType: ELEM
```

实体-其他属性-新增 (待审属性)

知识图谱Knowledge Graph

首页 实体类 实体 子图管理 图谱可视化 分析

测试实体类3-实体2 测试实体类3 基础信息更新

基本属性 其他属性 关联关系

待审属性

名称	数据类型	属性值	单位	描述	操作
属性	文本类型	100			删除

其他属性 添加我的家...

标签属性

+ 新建标签

上一步 下一步 完成

筛选 可

测试实体类3-实体2

<http://unigraph.xian.algmarket.com/attr/add/none>

```
{
  entID: 680ffb1a9af742f98bae6e98f83f7c43,
  attrClsName: 其他属性,
  attrValue: 100,
  valueType: TEXT,
  isModel: false
}
```

实体-其他属性-list查询

<http://unigraph.xian.algmarket.com/attr/none/list>

payload

```
{
  entID: 680ffb1a9af742f98bae6e98f83f7c43,
  pagenum: 1,
  pagesize: 10,
  isModel: false,
}
```

Response

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "pageCount": 1,
    "count": 1,
    "entAttrVOList": [
      {
        "attrClsID": "0e0e76ab8d2d4e80b249dbf646815f6e",
        "attrClsName": "其他属性",
        "attrClsMemo": null,
        "attrUnit": null,
        "attrValueType": "TEXT",
        "notNull": null,
        "domain": null,
        "entAttrValueVO": {
          "attrID": "817bc7cd99894805ad5bd5a3105cda47",
          "attrValue": "100",
          "attrMemo": null
        }
      }
    ]
  }
}
```

实体类-关系名称-list

测试实体类3-实体2

测试实体类3

基础信息更新

基本属性

其他属性

关联关系

关系名称

关联关系

新增关联实体

选择关联实体

删除

实体名称	操作
测试类2实体	编辑 删除
新增关联实体	编辑 删除

<

1

>

上一步

完成

筛选

测试实体类3-实体2

<http://unigraph.xian.algmarket.com/entcls/ENT/1d017437eef14d6280d13ee7f143fcfb/680ffb1a9af742f98bae6e98f83f7c43?current=1&isModel=false&size=9>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "records": [
      {
        "entID": "4aeb7f1897d543fd86f621ef07236c03",
        "entName": "新增关联实体",
        "entMemo": null,
        "relId": "ac99baf8c1e14d3bb51e2b8ba7121e28",
        "attrList": null
      },
      {
        "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
        "entName": "测试类2实体",
        "entMemo": null,
        "relId": "3957d62927d149baa23273a9c6258008",
        "attrList": null
      }
    ],
    "total": 2,
    "size": 9,
    "current": 1,
    "headers": [],
    "searchCount": true,
    "pages": 1
  }
}
```

实体-添加实体关系

<http://unigraph.xian.algmarket.com/rel/add/batch>

1. isModel: false
2. relClsId: 1d017437eef14d6280d13ee7f143fcbf
3. list[0].startEntId: ee78b08123cf4cc59fb8115ef8e0354c
4. list[0].endEntId: 5542d913782c4e71a71a7b410611ea8f

实体-查询实体关系

<http://unigraph.xian.algmarket.com/relcls/ENT/1d017437eef14d6280d13ee7f143fcbf/ent/680ffb1a9af742f98bae6e98f83f7c43?current=1&size=9&isModel=false>

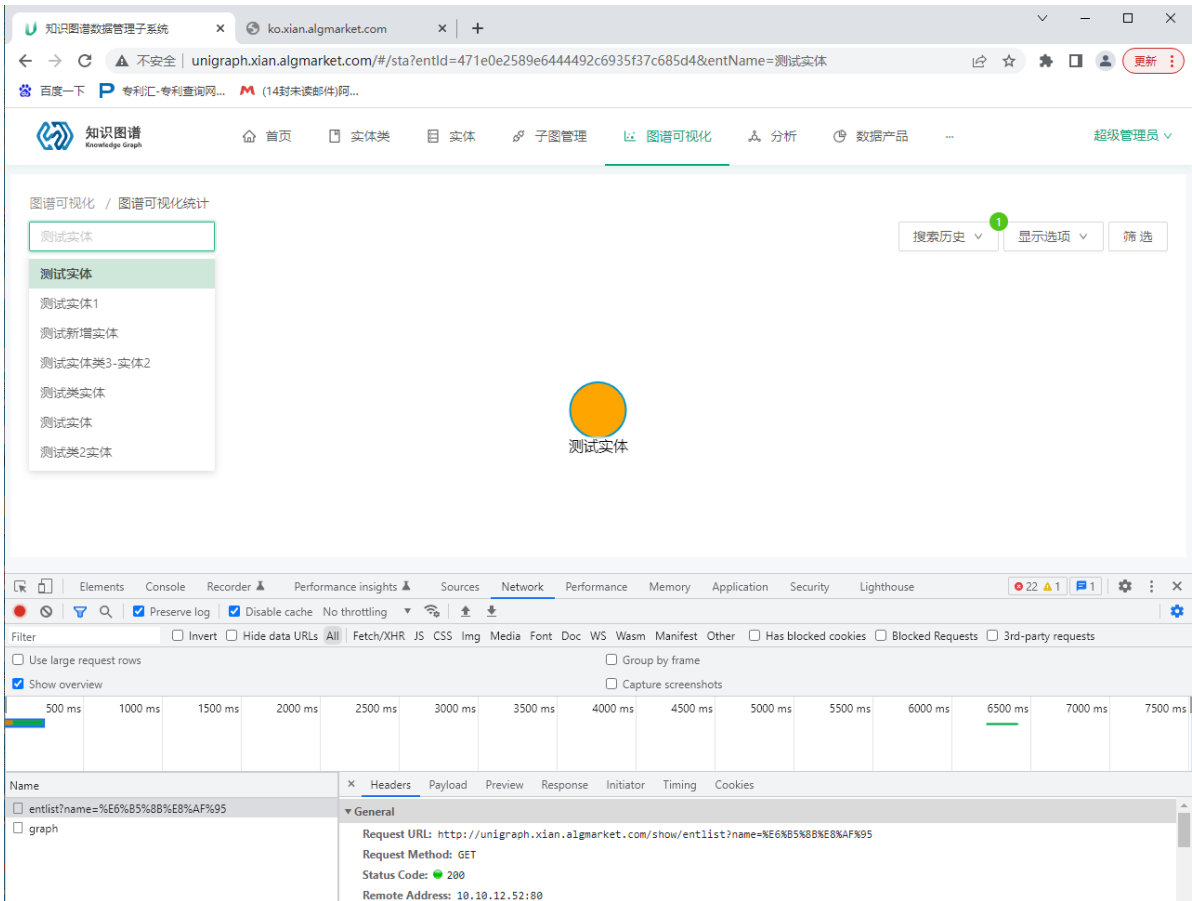
```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "records": [
      {
        "entID": "4aeb7f1897d543fd86f621ef07236c03",
        "entName": "新增关联实体",
        "notNullAttrVOS": []
      },
      {
        "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
        "entName": "测试类2实体",
        "notNullAttrVOS": []
      }
    ],
    "total": 2,
    "size": 9,
    "current": 1,
    "headers": [],
    "searchCount": true,
    "pages": 1
  }
}
```

实体-关联实体删除

<http://unigraph.xian.algmarket.com/rel/del/ac99baf8c1e14d3bb51e2b8ba7121e28,3957d62927d149baa23273a9c6258008>

```
id: ac99baf8c1e14d3bb51e2b8ba7121e28,3957d62927d149baa23273a9c6258008
isModel: false
```

实体可视化



<http://unigraph.xian.algmarket.com/show/entlist?name=%E6%B5%8B%E8%AF%95>

```
{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "entID": "471e0e2589e6444492c6935f37c685d4",
      "entName": "测试实体"
    },
    {
      "entID": "4bed1adee57b4d88a2716cb09e1bc720",
      "entName": "测试实体1"
    },
    {
      "entID": "5542d913782c4e71a71a7b410611ea8f",
      "entName": "测试新增实体"
    },
    {
      "entID": "680ffb1a9af742f98bae6e98f83f7c43",
      "entName": "测试实体类3-实体2"
    },
    {
      "entID": "7e1a3eead9f445b6bd8a4e6628ea3258",
      "entName": "测试类实体"
    },
    {
      "entID": "8b5b91e1e7e048be8c9fa8b091754b13"
    }
  ]
}
```

```

    "entName": "测试实体"
  },
  {
    "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
    "entName": "测试类2实体"
  }
]
}

```

<http://unigraph.xian.algmarket.com/show/graph>

```

{
  "degree": 1,
  "delEntIds": "",
  "entID": "5542d913782c4e71a71a7b410611ea8f",
  "entName": "测试新增实体",
  "limitNum": 3,
  "isModel": false,
  "entConditionQueries": []
}

```

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": {
    "entID": "5542d913782c4e71a71a7b410611ea8f",
    "entName": "测试新增实体",
    "entListVO": [
      {
        "entClsID": "39bbc6feaf9841838230d624c2087413",
        "entClsName": "测试实体类3",
        "backgroundColor": "#ff1e02",
        "entID": "5542d913782c4e71a71a7b410611ea8f",
        "entName": "测试新增实体",
        "entIcon": null,
        "createTime": null,
        "updateTime": null,
        "entClsIcon": null,
        "unionID": null,
        "relNum": 2
      },
      {
        "entClsID": "beb27994605e40e79caa037cb101694a",
        "entClsName": "测试类2",
        "backgroundColor": "#00afee",
        "entID": "4aeb7f1897d543fd86f621ef07236c03",
        "entName": "新增关联实体",
        "entIcon": null,
        "createTime": null,
        "updateTime": null,
        "entClsIcon": null,
        "unionID": null,
        "relNum": 1
      }
    ]
  }
}

```

```

{
  "entClsID": "beb27994605e40e79caa037cb101694a",
  "entClsName": "测试类2",
  "backgroundColor": "#00afee",
  "entID": "ee78b08123cf4cc59fb8115ef8e0354c",
  "entName": "测试类2实体",
  "entIcon": null,
  "createTime": null,
  "updateTime": null,
  "entClsIcon": null,
  "unionID": null,
  "relNum": 1
}
],
"relListVO": [
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "1fe2ab45b56b48c6b0bd7a532eaa4094",
    "relName": "",
    "endEntID": "5542d913782c4e71a71a7b410611ea8f",
    "startEntID": "4aeb7f1897d543fd86f621ef07236c03"
  },
  {
    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": "#00afee",
    "relID": "6bf57c0d157b4369bf8ed78a10e1120e",
    "relName": "",
    "endEntID": "5542d913782c4e71a71a7b410611ea8f",
    "startEntID": "ee78b08123cf4cc59fb8115ef8e0354c"
  }
],
"entClsListVO": [
  {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "backgroundColor": null
  },
  {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
    "backgroundColor": null
  }
],
"relClsListVO": [
  {
    "startEntCls": {
      "entClsID": "beb27994605e40e79caa037cb101694a",
      "entClsName": "测试类2",
      "backgroundColor": null
    },
    "entEntCls": {
      "entClsID": "39bbc6feaf9841838230d624c2087413",
      "entClsName": "测试实体类3",
      "backgroundColor": null
    }
  },

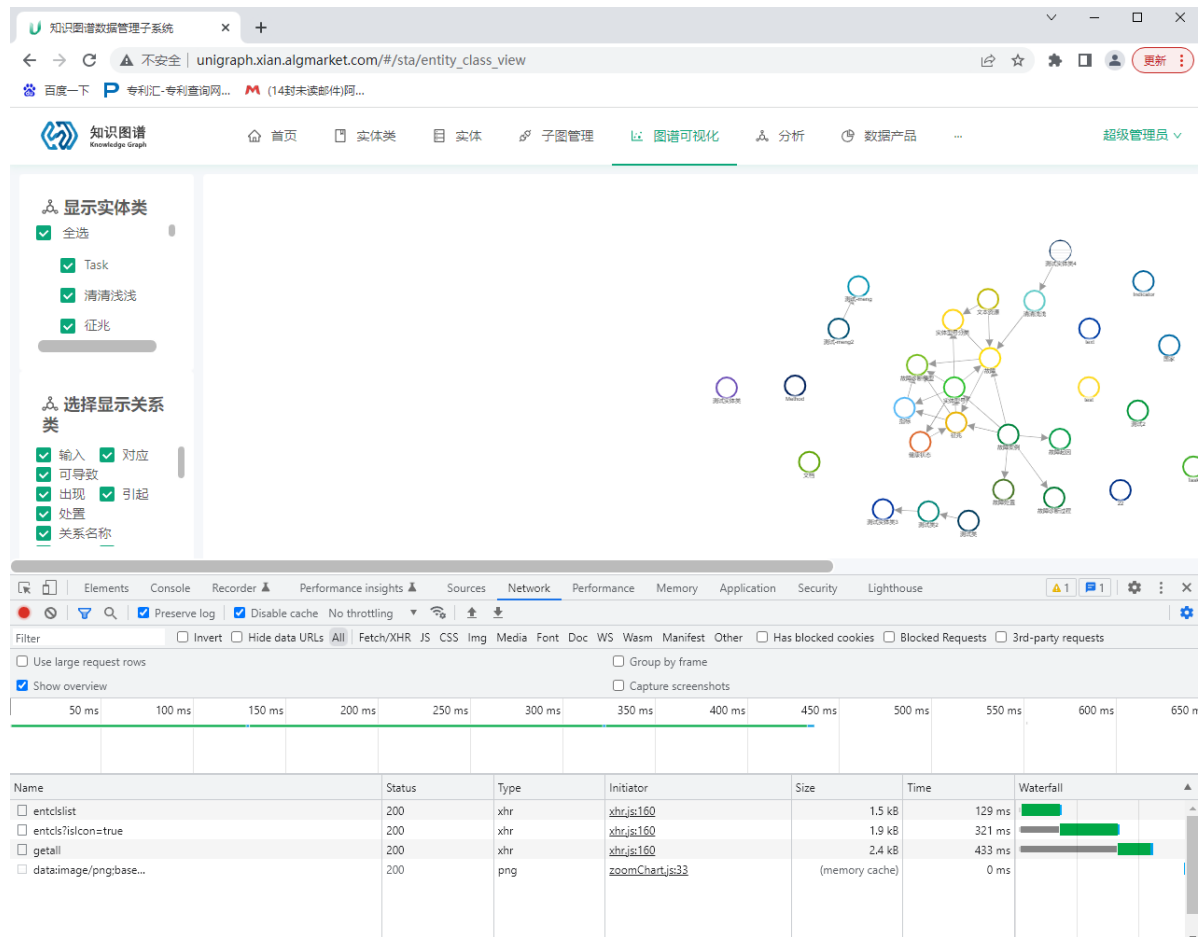
```

```

    "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
    "relClsName": "关系名称",
    "backgroundColor": null
  }
]
}
}

```

实体类可视化



<http://unigraph.xian.algmarket.com/statistic/entclslist>

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "entClsID": "02e5bcbb74e2472180bd57f937157c20",
      "entClsName": "Task",
      "pid": null,
      "entCount": 2
    },
    {
      "entClsID": "038b198e290341d19b96316655c94250",
      "entClsName": "清清楚楚",
      "pid": null,
      "entCount": 0
    }
  ]
}

```

```
"entClsID": "1d61182a6ae14c529576078b8ac9384f",
"entClsName": "征兆",
"pid": null,
"entCount": 24
},
{
  "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",
  "entClsName": "实体型号分类",
  "pid": null,
  "entCount": 47
},
{
  "entClsID": "39bbc6feaf9841838230d624c2087413",
  "entClsName": "测试实体类3",
  "pid": null,
  "entCount": 0
},
{
  "entClsID": "3e00179ed3c94d5683c05519c52b6516",
  "entClsName": "故障处置",
  "pid": null,
  "entCount": 3
},
{
  "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
  "entClsName": "文本资源",
  "pid": null,
  "entCount": 5
},
{
  "entClsID": "4acd17fca4f8473fb8b9343e51e25a39",
  "entClsName": "text",
  "pid": null,
  "entCount": 2
},
{
  "entClsID": "581c9302762e4679a97b7cf23e3fd976",
  "entClsName": "故障",
  "pid": null,
  "entCount": 34
},
{
  "entClsID": "5bf596334b1947d7ac3eb84f40435fd7",
  "entClsName": "健康状态",
  "pid": null,
  "entCount": 0
},
{
  "entClsID": "6d13e168d4e449c6af67a7ebb858f35c",
  "entClsName": "Indicator",
  "pid": null,
  "entCount": 1
},
{
  "entClsID": "7514270c24dd42b08b8e144c409ab30d",
  "entClsName": "故障诊断过程",
  "pid": null,
  "entCount": 1
}
```

```
},
{
  "entClsID": "79a6dd081eab43af959bd9a642b8445b",
  "entClsName": "测试实体类",
  "pid": null,
  "entCount": 2
},
{
  "entClsID": "885bb3733737443c978ddadd589aaf1e",
  "entClsName": "测试类",
  "pid": null,
  "entCount": 1
},
{
  "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
  "entClsName": "测试-meng2",
  "pid": null,
  "entCount": 19
},
{
  "entClsID": "aa621c7627b04f8ebf5693ef4835d64e",
  "entClsName": "test",
  "pid": null,
  "entCount": 0
},
{
  "entClsID": "ba8250a7912246838a7b4e106f8d0c3b",
  "entClsName": "Method",
  "pid": null,
  "entCount": 1
},
{
  "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
  "entClsName": "实体型号",
  "pid": null,
  "entCount": 6
},
{
  "entClsID": "beb27994605e40e79caa037cb101694a",
  "entClsName": "测试类2",
  "pid": null,
  "entCount": 2
},
{
  "entClsID": "d11c264b446e17ac495f48452046895b",
  "entClsName": "国家",
  "pid": null,
  "entCount": 46
},
{
  "entClsID": "e0adf09147f84edf9751d7ce1904851f",
  "entClsName": "故障案例",
  "pid": null,
  "entCount": 7
},
{
  "entClsID": "e96990429da644359fd9289c4e4cf352",
  "entClsName": "文档",
```

```

        "pid": null,
        "entCount": 2
    },
    {
        "entClsID": "ea20ccd5bfbd41a785a7cac11b230a27",
        "entClsName": "故障起因",
        "pid": null,
        "entCount": 3
    },
    {
        "entClsID": "f7f3d6209eeb4857996d37b7cf679c68",
        "entClsName": "测试2",
        "pid": null,
        "entCount": 1
    },
    {
        "entClsID": "fb977ccb7cf4406e8fc91b1554ec259a",
        "entClsName": "1234",
        "pid": null,
        "entCount": 1
    },
    {
        "entClsID": "fd29b17337a045adad742b6d6ae26a99",
        "entClsName": "测试-meng",
        "pid": null,
        "entCount": 48
    },
    {
        "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
        "entClsName": "故障诊断模型",
        "pid": null,
        "entCount": 2
    },
    {
        "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
        "entClsName": "指标",
        "pid": null,
        "entCount": 2
    }
}
]
}

```

<http://unigraph.xian.algmarket.com/entcls?isIcon=true>

```

{
    "code": 200,
    "msg": "请求成功",
    "duration": null,
    "data": [
        {
            "entClsID": "79a6dd081eab43af959bd9a642b8445b",
            "entClsName": "测试实体类",
            "pid": null,
            "entClsIcon": null
        },
        {
            "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",

```

```
"entClsName": "实体型号分类",
"pid": null,
"entClsIcon": null
},
{
  "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
  "entClsName": "实体型号",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
  "entClsName": "指标",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "1d61182a6ae14c529576078b8ac9384f",
  "entClsName": "征兆",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "5bf596334b1947d7ac3eb84f40435fd7",
  "entClsName": "健康状态",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "581c9302762e4679a97b7cf23e3fd976",
  "entClsName": "故障",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "e0adf09147f84edf9751d7ce1904851f",
  "entClsName": "故障案例",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "ea20ccd5bfbd41a785a7cac11b230a27",
  "entClsName": "故障起因",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "3e00179ed3c94d5683c05519c52b6516",
  "entClsName": "故障处置",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
  "entClsName": "故障诊断模型",
  "pid": null,
  "entClsIcon": null
},
},
```

```
{
  "entClsID": "7514270c24dd42b08b8e144c409ab30d",
  "entClsName": "故障诊断过程",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
  "entClsName": "文本资源",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "e96990429da644359fd9289c4e4cf352",
  "entClsName": "文档",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "fb977ccb7cf4406e8fc91b1554ec259a",
  "entClsName": "1234",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "aa621c7627b04f8ebf5693ef4835d64e",
  "entClsName": "test",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "f7f3d6209eeb4857996d37b7cf679c68",
  "entClsName": "测试2",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "02e5bcbb74e2472180bd57f937157c20",
  "entClsName": "Task",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "ba8250a7912246838a7b4e106f8d0c3b",
  "entClsName": "Method",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "6d13e168d4e449c6af67a7ebb858f35c",
  "entClsName": "Indicator",
  "pid": null,
  "entClsIcon": null
},
{
  "entClsID": "038b198e290341d19b96316655c94250",
  "entClsName": "清浅",
  "pid": null,
```

```

    "entClsIcon": null
  },
  {
    "entClsID": "fd29b17337a045adad742b6d6ae26a99",
    "entClsName": "测试-meng",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
    "entClsName": "测试-meng2",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "d11c264b446e17ac495f48452046895b",
    "entClsName": "国家",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "4acd17fca4f8473fb8b9343e51e25a39",
    "entClsName": "text",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "885bb3733737443c978ddadd589aaf1e",
    "entClsName": "测试类",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
    "pid": null,
    "entClsIcon": null
  },
  {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "pid": null,
    "entClsIcon": null
  }
]
}

```

<http://unigraph.xian.algmarket.com/relcls/getall>

```

{
  "code": 200,
  "msg": "请求成功",
  "duration": null,
  "data": [
    {
      "startEntCls": {
        "entClsID": "ff24a66ad16d45498372e5feb6d0242d",

```

```
    "entClsName": "指标",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
    "entClsName": "故障诊断模型",
    "pid": null
  },
  "relClsID": "01ec78b5f6104df2bcc5cb2c73bc2be7",
  "relClsName": "输入"
},
{
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "relClsID": "0938dbfca79a454b8e5cae15cec108c6",
  "relClsName": "对应"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "relClsID": "0a357d14b7cf4713bf7ed9d8d47291e1",
  "relClsName": "可导致"
},
{
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  },
  "relClsID": "0d695d4eca7d4c5b906703db5433e853",
  "relClsName": "出现"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
```

```
},
"endEntCls": {
  "entClsID": "1d61182a6ae14c529576078b8ac9384f",
  "entClsName": "征兆",
  "pid": null
},
"relClsID": "105bdd7d51514c1cbb3552fbd6bf0319",
"relClsName": "引起"
},
{
  "startEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "relClsID": "16f3cf5d89084ecbb53496e21c80aa13",
  "relClsName": "对应"
},
{
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "3e00179ed3c94d5683c05519c52b6516",
    "entClsName": "故障处置",
    "pid": null
  },
  "relClsID": "1cb53b4c108e41929a7cb0f72ea33dcc",
  "relClsName": "处置"
},
{
  "startEntCls": {
    "entClsID": "beb27994605e40e79caa037cb101694a",
    "entClsName": "测试类2",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "39bbc6feaf9841838230d624c2087413",
    "entClsName": "测试实体类3",
    "pid": null
  },
  "relClsID": "1d017437eef14d6280d13ee7f143fcbf",
  "relClsName": "关系名称"
},
{
  "startEntCls": {
    "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
    "entClsName": "文本资源",
    "pid": null
  },
  "endEntCls": {
```

```
    "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
    "entClsName": "文本资源",
    "pid": null
  },
  "relClsID": "20393124d0bf4de1af2c4577e9721008",
  "relClsName": "关联"
},
{
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "ea20ccd5bfb41a785a7cac11b230a27",
    "entClsName": "故障起因",
    "pid": null
  },
  "relClsID": "2cac65cb7b6b400f9ee7fa1e6aee774a",
  "relClsName": "起因"
},
{
  "startEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
    "entClsName": "故障诊断模型",
    "pid": null
  },
  "relClsID": "38fc453d2fc04e9caf4961b5de54d11f",
  "relClsName": "输入"
},
{
  "startEntCls": {
    "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
    "entClsName": "测试-meng2",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
    "entClsName": "测试-meng2",
    "pid": null
  },
  "relClsID": "4026e683cd2f49818de727ee29c25270",
  "relClsName": "影响"
},
{
  "startEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "ff24a66ad16d45498372e5feb6d0242d",
    "entClsName": "指标",
```

```

    "pid": null
  },
  "relClsID": "41b8074ee15146139fe39e45ecb861c4",
  "relClsName": "关注"
},
{
  "startEntCls": {
    "entClsID": "88f3ea37a811490b8bd3c898a9e705a0",
    "entClsName": "测试-meng2",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fd29b17337a045adad742b6d6ae26a99",
    "entClsName": "测试-meng",
    "pid": null
  },
  "relClsID": "63c6433412e943ac9708c7c95274ff70",
  "relClsName": "影响"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
    "entClsName": "故障诊断模型",
    "pid": null
  },
  "relClsID": "6b8f6d2fcda54ff9b960fd7cc57d237e",
  "relClsName": "判据"
},
{
  "startEntCls": {
    "entClsID": "038b198e290341d19b96316655c94250",
    "entClsName": "清清浅浅",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "relClsID": "70f5d6387ea24381a5d8a38cf646f1a9",
  "relClsName": "引起"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",
    "entClsName": "实体型号分类",
    "pid": null
  },
  "relClsID": "70f5d6387ea24381a5d8a38cf646f1a9",
  "relClsName": "引起"
}

```

```
"relClsID": "721b2be189b943a5abcb7a547a2cfef8",
"relClsName": "关联"
},
{
  "startEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fe0a1c19940b41e3b1be2912fbe65666",
    "entClsName": "故障诊断模型",
    "pid": null
  },
  "relClsID": "742ce7a3ba99460a893fc63011868b1c",
  "relClsName": "输入"
},
{
  "startEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
    "entClsName": "实体型号",
    "pid": null
  },
  "relClsID": "772b9798f8fd4368bd9153ce1d18feb8",
  "relClsName": "包含"
},
{
  "startEntCls": {
    "entClsID": "4ab1ce46c5da4ac58549d124e432c1d6",
    "entClsName": "文本资源",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "relClsID": "89d1bc1320da4dfab0c5d7b3758528a8",
  "relClsName": "关联"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "relClsID": "8a62813bf68647a3a4c365f2f3a8e3f4",
  "relClsName": "出现"
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},
{
  "startEntCls": {
    "entClsID": "e0adf09147f84edf9751d7ce1904851f",
    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
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  "relClsID": "90ba782449c04eae9af5b5c8ba33d211",
  "relClsName": "对应"
},
{
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    "entClsName": "故障案例",
    "pid": null
  },
  "endEntCls": {
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    "entClsName": "故障诊断过程",
    "pid": null
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  "relClsID": "92ec3f41f0f74c19991e1a060a0771da",
  "relClsName": "诊断"
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{
  "startEntCls": {
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    "entClsName": "测试-meng2",
    "pid": null
  },
  "endEntCls": {
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    "entClsName": "测试-meng2",
    "pid": null
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  "relClsID": "9ae24d371b4e4bd68180c09cee2e2b14",
  "relClsName": "原因"
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  "startEntCls": {
    "entClsID": "1d61182a6ae14c529576078b8ac9384f",
    "entClsName": "征兆",
    "pid": null
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  "endEntCls": {
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    "entClsName": "指标",
    "pid": null
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  "relClsID": "aa44e654e1df47f1b28cb6e25c74f708",
  "relClsName": "对应"
},
{

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"startEntCls": {
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  "entClsName": "健康状态",
  "pid": null
},
"endEntCls": {
  "entClsID": "1d61182a6ae14c529576078b8ac9384f",
  "entClsName": "征兆",
  "pid": null
},
"relClsID": "aed35665f1b14560933b40e6095544b7",
"relClsName": "表征"
},
{
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    "entClsName": "测试类",
    "pid": null
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  "endEntCls": {
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    "entClsName": "测试类2",
    "pid": null
  },
  "relClsID": "b452894470b24ddcb322693b06d6a3bd",
  "relClsName": "测试类关系"
},
{
  "startEntCls": {
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    "entClsName": "实体型号",
    "pid": null
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  "endEntCls": {
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    "entClsName": "健康状态",
    "pid": null
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  "relClsID": "bd7b5491c62c408a829e2f54b0626ce8",
  "relClsName": "可处于"
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{
  "startEntCls": {
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    "entClsName": "实体型号",
    "pid": null
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    "entClsName": "实体型号分类",
    "pid": null
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  "relClsID": "be90d21622984aff9c6067ca552ff8bd",
  "relClsName": "属于"
},
{
  "startEntCls": {
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    "pid": null
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},
{
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    "entClsName": "文本资源",
    "pid": null
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    "entClsName": "实体型号分类",
    "pid": null
  },
  "relClsID": "c69a778187534ccda278abcaf49f5789",
  "relClsName": "关联"
},
{
  "startEntCls": {
    "entClsID": "fd29b17337a045adad742b6d6ae26a99",
    "entClsName": "测试-meng",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "fd29b17337a045adad742b6d6ae26a99",
    "entClsName": "测试-meng",
    "pid": null
  },
  "relClsID": "ce694b2933cc4c53a4bda01341309653",
  "relClsName": "原因"
},
{
  "startEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "endEntCls": {
    "entClsID": "581c9302762e4679a97b7cf23e3fd976",
    "entClsName": "故障",
    "pid": null
  },
  "relClsID": "e5fbfb67fc2154eb191a6d10b2aa1da84",
  "relClsName": "引起"
},
{
  "startEntCls": {
    "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",
    "entClsName": "实体型号分类",
    "pid": null
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      "entClsID": "26d6fa47ae3d4e93b49c1cf417e7c4c7",
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      "pid": null
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    "relClsID": "f820951f326e46969302f99bad484a72",
    "relClsName": "属于"
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      "entClsID": "bc7fdf72bbaf4d279eb91e59c6dcf8bd",
      "entClsName": "实体型号",
      "pid": null
    },
    "endEntCls": {
      "entClsID": "581c9302762e4679a97b7cf23e3fd976",
      "entClsName": "故障",
      "pid": null
    },
    "relClsID": "fdb021f99ce4a319fb0b85a34ef085d",
    "relClsName": "可出现"
  }
]
}
```

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