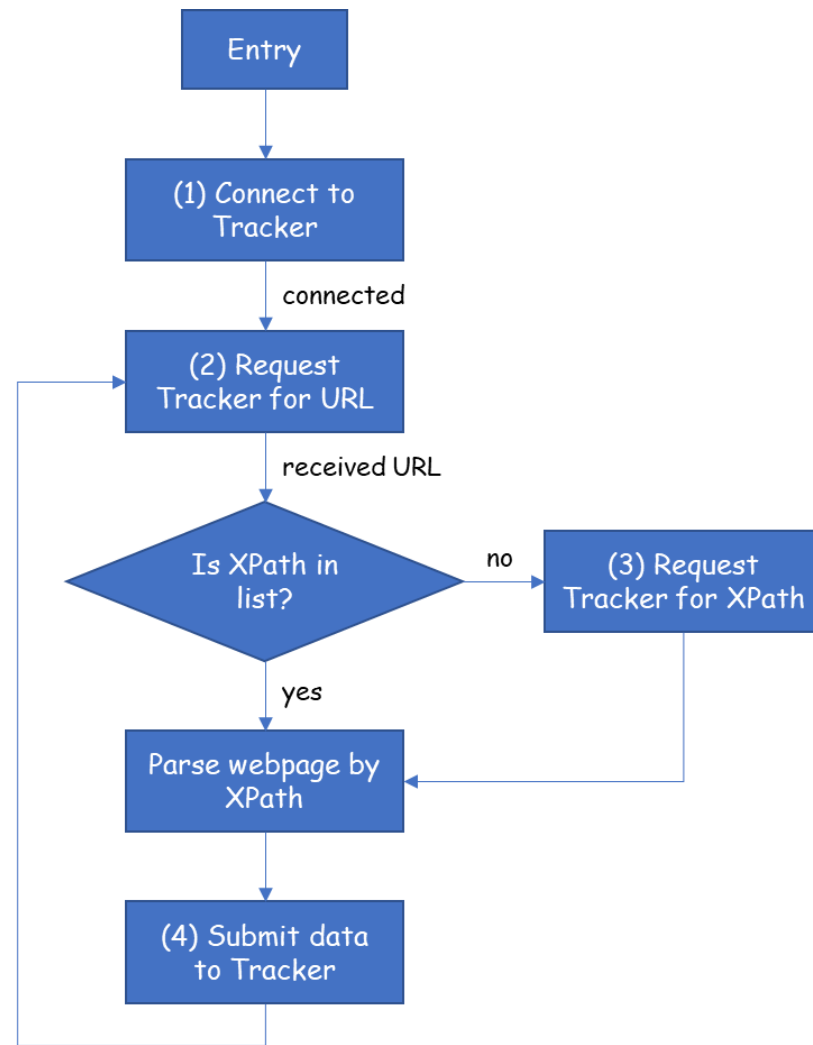


Node 节点设计

1. 代码框图



2. 数据格式

(1) Connect to Tracker

请求:

```
{
  "id": 12345678,
  "cmd": "connect",
  "data": ""
}
```

响应:

```
{
  "id": 12345678,
  "status": 100 | 101,
  "info": "success" | "failed",
  "data": ""
}
```

(2) Request Tracker for URL

请求:

```
{
  "id": 12345678,
  "cmd": "task",
  "data": {
    "count": 1
  }
}
```

响应:

```
{
  "id": 12345678,
  "status": 200 | 201 | 210,
  "info": "success" | "failed" | "empty",
  "data": {
    "urls": [...]
  }
}
```

(3) Request Tracker for XPath

请求:

```
{
  "id": 12345678,
  "cmd": "xpath",
  "data": {
    "host": "news.sohu.com"
  }
}
```

响应:

```
{
  "id": 12345678,
  "status": 300 | 301,
  "info": "success" | "failed",
  "data": {
    "news.sohu.com": {
      "title": "//div[@id=title]",
      ...
    }
  }
}
```

(4) Submit data to Tracker

请求:

```
{
  "id": 12345678,
  "cmd": "task",
  "data": [{...}, {...}, ...]
}
```

响应:

```
{
  "id": 12345678,
  "status": 400 | 401 | 410,
  "info": "success" | "failed" | "exit",
  "data": ""
}
```