IRE's open API (aka Irator)

Requests

All responses can be received in both JSON and XML. For the sake of simplicity I will be showing only the requests for JSON here. You can easily switch to the other format by changing the endpoint so that it ends in .xml instead of .json.

Applications can currently authenticate by [OAuth](). You can also authenticate by sending your character's name and its password along with the request. Simply append the endpoint with those two credentials as GET parameters.

Example: GET [/news.json?character=indoum&password=secret]()

Methods

GET [/checkauth.json]()
Determine whether your credentials are valid or not, for both the OAuth and the simple authentication approaches. This answers only with a HTTP response.

Authentication responds with HTTP 200 or 403 depending on authorization.

GET [/characters.json]()
Lists all characters currently online.

GET [/characters/indoum.json]()
Shows information about character *indoum*. If you authenticate you will receive some extra information about the character. Only the password will be needed to authenticate since the character name is already given.

Authentication adds properties messages_total and messages_unread.

GET [/news.json]()
Lists all news sections.

Authentication shows protected news sections.

GET [/news/announce.json]()
Lists all news in the *announce* news section with a maximum of 25 news posts. When the max limit is hit you will be given an URL for the next page. When traversing a news section by "next pagination" you will be given an URL for the previous page.

Authentication shows lists in protected news sections.

```
{
  "previous": false,
  "next": "http:\/\/api.imperian.com\/news\/announce.json?page=2",
  "news":
  [
    {
      "uri": "http:\/\/api.imperian.com\/news\/announce\/1.json",
      "id": 1,
      "section": "announce",
      "date": 1049474940,
      "from": "Lord Avasyu, the Creator",
      "to": "Everyone",
      "subject": "Welcome"
    },
    {
      "uri": "http:\/\/api.imperian.com\/\/news\/announce\/2.json",
      "id": 2,
      "section": "announce",
      "date": 1049486640,
      "from": "Lord Avasyu, the Creator",
      "to": "Everyone",
      "subject": "Grand Opening Sale"
    }
  ]
}
```

GET /news/announce/2.json
Show the *second* post in the *announce* news section.

Authentication shows protected news posts.

GET /gamefeed.json
List the 25 most recent events. Add the *limit* parameter to control how many events you want to list. Add the *id* parameter to control from which event ID you want the list to start.

```
[
  {
    "caption":"Player Death",
    "description":"Indoum was slain by Avasyu",
    "type":"DEA",
    "date":"2010-07-26 14:10:44",
  },
  {
    "caption":"New Character",
    "description":"A new character named Indoum2 has been created",
```

```
      "type":"NEW",
      "date":"2010-07-26 14:12:13",
   }
]
```

GET /gamefeed/indoum.json

List the 25 most recent events related to character *indoum*. Add the *limit* parameter to control how many events you want to list. Add the *id* parameter to control from which event ID you want the list to start.

```
[
 {
    "caption":"Player Death",
    "description:"Indoum was slain by Avasyu",
    "type":"DEA",
    "date":"2010-07-26 14:10:44",
 },
 {
    "caption":"New Character",
    "description:"A new character named Indoum2 has been created",
    "type":"NEW",
    "date":"2010-07-26 14:12:13",
 }
]
```

GET /orglogs.json

List organization logs available to *character*.

*Authentication **required**. Shows logs for organizations that character belongs to.*

```
[
  {
    "name":"Ithaqua",
    "count":3,
    "uri:"http://api.imperian.com/orglogs/ithaqua.json",
  },
  {
    "name":"Ravenguard",
    "count":0,
    "uri:"http://api.imperian.com/orglogs/ravenguard.json",
  }
]
```

GET /orglogs/ithaqua.json

Show organization log for *Ithaqua*. Optional *day* parameter shows log for X days ago, defaulting

to 0.

*Authentication **required**.*

```
[
  {
    "date":"1280215127",
    "event:"Indoum was inducted by Cerise, the Guild Matron",
  },
  {
    "date":"1280216251",
    "event:"Indoum quit the guild",
  }
]
```