

# Ulbora CMS REST Services

## Access Levels

**POST:** *http://localhost:8080/UlboraCMSAPI/rs/accessLevel*

**Description:**

Creates an access level

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "name": "Public"
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**PUT:** *http://localhost:8080/UlboraCMSAPI/rs/accessLevel*

**Description:**

Updates an access level

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "id": 1,
  "name": "Public"
}
```

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

***DELETE:*** <http://localhost:8080/UlboraCMSAPI/rs/accessLevel?id=2>

**Desription:**

Deletes an access level

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/accessLevel?id=1>

**Description:**

Get an access level

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

**Response:**

```
{
  "id": 1,
  "name" : "Public"
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/accessLevel/list>

**Description:**

Gets a list of access levels

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

**Response:**

```
[
  {
    "id":1,
    "name":"Public"
  },
  {
```

```
"id":2,
"name":"Private"
}
]
```

## Admin Summary

**POST:** *http://localhost:8080/UlboraCMSAPI/rs/admin/summary*

### Desription:

Creates a summary object

### Security:

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

application/json

### Request:

### Response:

```
{
  "articleList":[
    {
      "id":41,
      "alias":null,
      "published":false,
      "createdDate":1391966253000,
      "publishedDate":null,
      "startPublishingDate":null,
      "endPublishDate":null,
      "modifiedDate":1393116505000,
      "hits":0,
      "showTitle":false,
      "showIntroText":false,
      "showSectionName":false,
      "showCategoryName":false,
      "showAuthor":false,
      "showCreationDate":false,
      "showModifiedDate":false,
      "title":"Some Article art",
      "textList":null,
      "section":null,
      "category":null,
      "accessLevel":null,
      "location":null,
      "metaData":null,
    }
  ]
}
```

```

    "language":null,
    "author":{
      "id":null,
      "dateEntered":null,
      "firstName":"admin",
      "lastName":"admin",
      "emailAddress":null,
      "activationCode":null,
      "user":null,
      "roleList":null
    },
    "frontPage":false,
    "articleFileList":null
  },
  {
    "id":43,
    "alias":null,
    "published":false,
    "createdDate":1393169743000,
    "publishedDate":null,
    "startPublishingDate":null,
    "endPublishDate":null,
    "modifiedDate":null,
    "hits":0,
    "showTitle":false,
    "showIntroText":false,
    "showSectionName":false,
    "showCategoryName":false,
    "showAuthor":false,
    "showCreationDate":false,
    "showModifiedDate":false,
    "title":"Test Not Image",
    "textList":null,
    "section":null,
    "category":null,
    "accessLevel":null,
    "location":null,
    "metaData":null,
    "language":null,
    "author":{
      "id":null,
      "dateEntered":null,
      "firstName":"admin",
      "lastName":"admin",
      "emailAddress":null,
      "activationCode":null,
      "user":null,
      "roleList":null
    },
    "frontPage":false,
    "articleFileList":null
  },
  {
    "id":40,
    "alias":null,
    "published":false,
    "createdDate":1390794118000,
    "publishedDate":null,
    "startPublishingDate":null,
    "endPublishDate":null,
    "modifiedDate":1393117402000,
    "hits":0,
    "showTitle":false,
    "showIntroText":false,
    "showSectionName":false,
    "showCategoryName":false,

```

```

        "showAuthor":false,
        "showCreationDate":false,
        "showModifiedDate":false,
        "title":"The Meaning of Life",
        "textList":null,
        "section":null,
        "category":null,
        "accessLevel":null,
        "location":null,
        "metaData":null,
        "language":null,
        "author":{
            "id":null,
            "dateEntered":null,
            "firstName":"admin",
            "lastName":"admin",
            "emailAddress":null,
            "activationCode":null,
            "user":null,
            "roleList":null
        },
        "frontPage":false,
        "articleFileList":null
    }
],
"frontPageList":[
    {
        "id":41,
        "alias":null,
        "published":false,
        "createdDate":1391966253000,
        "publishedDate":null,
        "startPublishingDate":null,
        "endPublishDate":null,
        "modifiedDate":1393116505000,
        "hits":0,
        "showTitle":false,
        "showIntroText":false,
        "showSectionName":false,
        "showCategoryName":false,
        "showAuthor":false,
        "showCreationDate":false,
        "showModifiedDate":false,
        "title":"Some Article art",
        "textList":null,
        "section":null,
        "category":null,
        "accessLevel":null,
        "location":null,
        "metaData":null,
        "language":null,
        "author":{
            "id":null,
            "dateEntered":null,
            "firstName":"admin",
            "lastName":"admin",
            "emailAddress":null,
            "activationCode":null,
            "user":null,
            "roleList":null
        },
        "frontPage":false,
        "articleFileList":null
    },
    {
        "id":40,

```

```

    "alias":null,
    "published":false,
    "createdDate":1390794118000,
    "publishedDate":null,
    "startPublishingDate":null,
    "endPublishDate":null,
    "modifiedDate":1393117402000,
    "hits":0,
    "showTitle":false,
    "showIntroText":false,
    "showSectionName":false,
    "showCategoryName":false,
    "showAuthor":false,
    "showCreationDate":false,
    "showModifiedDate":false,
    "title":"The Meaning of Life",
    "textList":null,
    "section":null,
    "category":null,
    "accessLevel":null,
    "location":null,
    "metaData":null,
    "language":null,
    "author":{
      "id":null,
      "dateEntered":null,
      "firstName":"admin",
      "lastName":"admin",
      "emailAddress":null,
      "activationCode":null,
      "user":null,
      "roleList":null
    },
    "frontPage":false,
    "articleFileList":null
  }
],
"categoryList":[
  {
    "id":6,
    "name":"dfgdfgdf",
    "inUse":false,
    "language":{
      "id":3,
      "code":"zh-tw",
      "name":"Chinese (Taiwan)",
      "defaultLanguage":false
    }
  },
  {
    "id":7,
    "name":"fdgfdgdf",
    "inUse":false,
    "language":{
      "id":3,
      "code":"zh-tw",
      "name":"Chinese (Taiwan)",
      "defaultLanguage":false
    }
  },
  {
    "id":9,
    "name":"dfdfdfg",
    "inUse":false,
    "language":{
      "id":5,

```

```

        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    }
},
{
    "id": 5,
    "name": "dfgdfgdfg",
    "inUse": true,
    "language": {
        "id": 5,
        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    }
},
{
    "id": 8,
    "name": "erterter",
    "inUse": false,
    "language": {
        "id": 5,
        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    }
},
{
    "id": 4,
    "name": "Java",
    "inUse": true,
    "language": {
        "id": 5,
        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    }
}
],
"sectionList": [
    {
        "id": 7,
        "name": "News Flash",
        "inUse": true,
        "language": {
            "id": 5,
            "code": "en-us",
            "name": "English US",
            "defaultLanguage": true
        }
    }
]
}

```

## Article



**GET:** [http://localhost:8080/UiBoraCMSAPI/rs/article/values?languageCode=en\\_US](http://localhost:8080/UiBoraCMSAPI/rs/article/values?languageCode=en_US)

**Description:**

Gets a values object

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

**Response:**

```
{
  "username" : "ken",
  "uploadKey" : "45645654",
  "accessLevelList": [
    {
      "id": 2,
      "name": "Public"
    },
    {
      "id": 3,
      "name": "User"
    }
  ],
  "categoryList": [
    {
      "id": 1,
      "name": "News",
      "language": {
        "id": 1,
        "code": "en_US",
        "name": "USA English",
        "defaultLanguage": false
      }
    },
    {
      "id": 2,
      "name": "About",
      "language": {
        "id": 1,
        "code": "en_US",
        "name": "USA English",
        "defaultLanguage": false
      }
    }
  ],
  "locationList": [
    {
      "id": 1,
```

```

        "name": "Top"
    }
],
"languageList": [
    {
        "id": 1,
        "code": "en_US",
        "name": "USA English",
        "defaultLanguage": true
    }
],
"sectionList": [
    {
        "id": 1,
        "name": "Company Info",
        "language": {
            "id": 1,
            "code": "en_US",
            "name": "USA English",
            "defaultLanguage": false
        }
    },
    {
        "id": 2,
        "name": "Product Info",
        "language": {
            "id": 1,
            "code": "en_US",
            "name": "USA English",
            "defaultLanguage": false
        }
    }
]
}

```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/article?id=1&lastVersion=true&version=-1>

### Desription:

Get an article

### Security:

ROLE\_AUTHOR, ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

application/json

### Request:

### Response:

```

{
  "article": {
    "id": 19,
    "alias": "This is the Title",

```

```
"published":false,
"createdDate":1389584061000,
"publishedDate":null,
"startPublishingDate":null,
"endPublishDate":null,
"modifiedDate":null,
"hits":0,
"showTitle":true,
"showIntroText":false,
"showSectionName":false,
"showCategoryName":false,
"showAuthor":false,
"showCreationDate":false,
"showModifiedDate":false,
"title":"This is the Title",
"textList":[
  {
    "id":19,
    "text":"PGRpdjBzdHlsZT0icGFnZS1icmVhay1iZWZvcmlWYXl0YBwYwdlLWJyZWFrLWFmdGVyOmFsd
2F5cyI+PGRpdj48cD48Yj5UaGlzIGlzIHRob2ZSBuaXRzZQombHQ7L2ImZ3Q7PC9wPgo8cD5UaGlzIGlzIGEgdGVzdCBwY
XJhZ3JhcGguCjwvcD4KPGltZyBzcmM9Imh0dHA6Ly9sb2NhbGhvc3Q6ODA4MC9VbGJvcmlFDTVNBUEkvcnMvaW1hZ2UvZ
2V0LzEyIiAgc3R5bGU9ImZsb2F00iBsZWZ00yIgIGFsdD0iaW1hZ2UuIC8+CjxwPlRoaxMgaXMgYW5vdGhlc iBwYXJhZ
3JhcGguCjwvcD4KPHA+e3RhYmxlTGVMdFN0YXJ0fQpbe1Rlc3QgMX0ge1Rlc3QgdmFs fV0KW3tUZXR0IDJ9IHtUZXR0I
DIgdmFs fV0KPC9wPgo8cD57dGFibGVMZWZ0RW5kfQo8L3A+CjxwPnt0YWJsZUNlbnRlc lN0YXJ0fQpbe1Rlc3QgMX0ge
1Rlc3QgdmFs fV0KW3tUZXR0IDJ9IHtUZXR0IDIgdmFs fV08L3A+Cgo8L2Rpdj48L2Rpdj4KPGRpdjBzdHlsZT0icGFnZ
S1icmVhay1iZWZvcmlWYXl0YBwYwdlLWJyZWFrLWFmdGVyOmFsd2F5cyI+PGRpdj48cD57dGFibGVdZW50ZXJFb
mR9CjwvcD4KPHRhYmxlIGFsaWduPSdyaWdodCcgc3R5bGU9J2JvcmlRlcjogYmxhY2sgc29saWQgMXB4OyAgd2lkdGg6I
DEwMCU7Jz48dHI+PHRkPlRlc3QgMTwvdGQ+PHRkPlRlc3QgdmFsPC90ZD48L3RyPjx0cj48dGQ+VGVzdCAyPC90ZD48d
GQ+VGVzdCAyIHZhbDwvdGQ+PC90cj48L3RhYmxlPgoKPC9kaXY+PC9kaXY+Cg==",
    "version":1,
    "active":true,
    "article":null
  }
],
"section":{
  "id":1,
  "name":"Company Info",
  "language":null
},
"category":{
  "id":1,
  "name":"News",
  "language":null
},
"accessLevel":{
  "id":2,
  "name":"Public"
},
"location":null,
"metaData":{
  "id":19,
```

```
    "metaDescription":"","  
    "metaKeyWords":"","  
    "metaRobotKeyWords":null,  
    "metaAuthorName":null  
  },  
  "language":{  
    "id":1,  
    "code":"en_US",  
    "name":"USA English",  
    "defaultLanguage":true  
  },  
  "author":{  
    "id":4,  
    "dateEntered":null,  
    "firstName":"admin",  
    "lastName":"admin",  
    "emailAddress":"admin@admin.com",  
    "activationCode":null,  
    "user":null  
  },  
  "frontPage":false,  
  "approvalMailItem":null,  
  "articleFileList":null  
},  
"accessLevelList":[  
  {  
    "id":2,  
    "name":"Public"  
  },  
  {  
    "id":3,  
    "name":"User"  
  }  
],  
"categoryList":[  
  {  
    "id":1,  
    "name":"News",  
    "language":{  
      "id":1,  
      "code":"en_US",  
      "name":"USA English",  
      "defaultLanguage":false  
    }  
  },  
  {  
    "id":2,  
    "name":"About",  
    "language":{
```

```
        "id":1,
        "code":"en_US",
        "name":"USA English",
        "defaultLanguage":false
    }
}
],
"locationList":[
{
    "id":1,
    "name":"Top"
}
],
"languageList":[
{
    "id":1,
    "code":"en_US",
    "name":"USA English",
    "defaultLanguage":true
},
{
    "id":2,
    "code":"es-cr",
    "name":"Spanish (Costa Rica)",
    "defaultLanguage":false
},
{
    "id":3,
    "code":"zh-tw",
    "name":"Chinese (Taiwan)",
    "defaultLanguage":false
}
],
"sectionList":[
{
    "id":1,
    "name":"Company Info",
    "language":{
        "id":1,
        "code":"en_US",
        "name":"USA English",
        "defaultLanguage":false
    }
},
{
    "id":2,
    "name":"Product Info",
    "language":{
        "id":1,
```

```
        "code": "en_US",
        "name": "USA English",
        "defaultLanguage": false
    }
}
]
```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/article/list>

**Description:**

Gets a list of articles

**Security:**

ROLE\_AUTHOR, ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "orderParams": {
    "title": false,
    "createDate": false,
    "author": false
  },
  "searchParams": {
    "categoryId": null,
    "sectionId": null,
    "userId": null
  }
}
```

**Response:**

```
[
  {
    "id": 4,
    "alias": "Test Not Image",
    "published": false,
    "createdDate": 1388599187000,
```

```
"publishedDate":null,
"startPublishingDate":null,
"endPublishDate":null,
"modifiedDate":null,
"hits":0,
"showTitle":true,
"showIntroText":false,
"showSectionName":false,
"showCategoryName":false,
"showAuthor":false,
"showCreationDate":false,
"showModifiedDate":false,
"title":"Test Not Image",
"textList":[
  {
    "id":4,
```

```
"text":"PCFET0NUWVBFiGh0bWwgUFVCTEiDICIItLy9XM0MvL0RURCBIVE1MIDQuMDEgVHJhbnNpdGlvbmFsLy
9FTiIKImh0dHA6Ly93d3cudzMub3JnL1RSL2h0bWw0L2xvb3NiLmR0ZCI+CjxodG1sPjxoZWfkPjx0aXRzZT48L3Rpd
GxIPgo8bWV0YSBodHRwLWVxdWI2PSJDb250ZW50LVR5cGUiIGNvbnRlbnQ9InRleHQvaHRtbDsgY2hhcnNldD1VV
EYtOCI+CjwvaGVhZD4KPGJvZHK+CjxkaXYgc3R5bGU9InBhZ2UtYnJlYWstYmVmb3JlOmFsd2F5czsgcGFnZS1icmV
hay1hZnRlcjphbHdheXMiPjxkaXY+PHA+VGZzdCBOb3QgSW1hZ2UKPC9wPgo8cD5UZXh0IG9ubHkgbm8gaW1hZ2
U8L3A+Cgo8L2Rpdj48L2Rpdj4KPC9ib2R5PjwvaHRtbD4=",
```

```
    "version":1,
    "active":true,
    "article":null
  }
],
"section":{
  "id":2,
  "name":"Product Info",
  "language":null
},
"category":{
  "id":1,
  "name":"News",
  "language":null
},
"accessLevel":{
  "id":3,
  "name":"User"
```

```
    },
    "locationList":[

],
    "metaData":{
        "id":4,
        "metaDescription": "",
        "metaKeyWords": "",
        "metaRobotKeyWords": null,
        "metaAuthorName": null
    },
    "language": {
        "id":1,
        "code": "en_US",
        "name": "USA English",
        "defaultLanguage": true
    },
    "author": {
        "id":4,
        "dateEntered": null,
        "firstName": null,
        "lastName": null,
        "emailAddress": "admin@admin.com",
        "activationCode": null,
        "user": null
    },
    "frontPage": false,
    "approvalMailItem": null,
    "articleFileList": null
}
]
```



**POST:** <http://localhost:8080/UlboraCMSAPI/rs/article>

**Description:**

Add an article

**Security:**

ROLE\_AUTHOR, ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "id":1,
  "alias":"test",
  "published":true,
  "startPublishingDate":43534534,
  "endPublishDate":3453453434,
  "showTitle":false,
  "showIntroText":false,
  "showSectionName":false,
  "showCategoryName":false,
  "showAuthor":false,
  "showCreationDate":false,
  "showModifiedDate":false,
  "title":"some title",
  "textList":[
    {
      "id":4,
      "text": "PCFET0NUWVBFIGH0bWwgUFVCTE1DICI tLy9XM0MvL0RURCBIVE1MIDQuMDEgVHJhbnNpdGl vbmFsLy9FTiIK
Imh0dHA6Ly93d3cudzMub3JnL1RSL2h0bWw0L2xvb3NlLmR0ZCI+CjxodG1sPjx0ZWFKPjx0aXR sZT48L3RpdGxlPgo8
bWV0YSBodHRwLWVxdWl2PSJDb250ZW50LVR5cGUiIGNvbnRlbnQ9InRleHQvaHRtbDsgY2hhcnNldD1VVEYtOCI+Cjwv
aGVhZD4KPGRvZG15bGU9InBhZ2UyYmVmb3JlOmFsd2F5czsgcGFnZS1icmVhay1hZnRlcjph
bHdheXMiPjxkaXY+PHA+VGZvdCB0b3QgSW1hZ2ZUKPC9wPgo8cD5UZXh0IG9ubHkgbm8gaW1hZ2U8L3A+Cgo8L2Rpdj48
L2Rpdj4KPC9ib2R5PjwvaHRtbD4=",
      "version":1,
      "active":true,
      "article":null
    }
  ],
  "section":{
    "id":2,
    "name":"Product Info",
    "language":null
  },
  "category":{
    "id":1,
    "name":"News",
    "language":null
  },
  "accessLevel":{
    "id":3,
    "name":"User"
  },
  "locationList":[

  ],
  "metaData":{
```

```

        "id":4,
        "metaDescription":"","
        "metaKeyWords":"","
        "metaRobotKeyWords":null,
        "metaAuthorName":null
    },
    "language":{
        "id":1,
        "code":"en_US",
        "name":"USA English",
        "defaultLanguage":true
    },
    "author":{
        "id":4,
        "dateEntered":null,
        "firstName":null,
        "lastName":null,
        "emailAddress":"admin@admin.com",
        "activationCode":null,
        "user":null
    },
    "frontPage":false
}

```

### Response:

```

{
    "success":true,
    "error":null,
    "message":"Service Call Sucessful",
    "errorCode":0,
    "id":null
}

```

**PUT:** <http://localhost:8080/UiBoraCMSAPI/rs/article>

### Desription:

update an article

### Security:

ROLE\_AUTHOR, ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

application/json

### Request:

```

{
    "id":33,
    "alias":"This is the Title",
    "published":true,
    "showTitle":true,
    "showSectionName":false,
    "showCategoryName":false,

```

```

    "showAuthor":false,
    "showCreationDate":false,
    "showModifiedDate":false,
    "title":"This is the Title",
    "textList":[
      {
        "id":33,

"text":"PGRpdIBzdHlsZT0icGFnZS1icmVhay1iZWZvcuU6IGFs d2F5czsgcGFnZS1icmVhay1hZnRlcjogYWx3YXl zOyI+CjxkaXY+CjxoMSBzdHlsZT0idGV4dC1hbGlnbjogY2 VudGVyOyI+PHN0cm9uZz48c3BhbiBzdHlsZT0iY29sb3I6 ICMzMzk5NjY7Ij5UaGlzIGlzIHROZSBuRXRSTWvc3Bhb j48YnIglz48L3N0cm9uZz48L2gxPgo8cD5UaGlzIGlzIGE g dGVzdCBwYXJhZ3JhcG9wPC9wPgo8YnIglz4KPHA+VGhp cyBpcyBhbm90aGVyIHhcmFncmFwaC48L3A+CjxwPiZuYn NwOzwvdD4KPHA+Jm5ic3A7PC9wPgo8cD4mbmJzcDs8L3A +CjxwPiZuYnNwOzwvdD4KPHA+PCetLSBwYwdlYnJlYWsg L S0+ PC9wPgo8L2Rpdj4KPGRpdj4KPHRhYmxlIHNoeWxlPSJib3 JkZXI6IGJsYWNRIHNVbGlkIDFweDsgd2lk dGg6IDEwMCU7 IiBhbGlnbj0ibGVmdCI+Cjx0Ym9keT4KPHRYpGo8dGQ+ VG Vz dCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4 K PHRYpGo8dGQ+VG Vz dCAyPC90ZD4KPHRkPlRlc3QgMiB2YWx9XTwvdGQ+CjwvdHI+CjwvdGJvZHk+CjwvdGFibGU+Cj x0 YWJsZSBzdHlsZT0iYm9yZGVyOiBibGFjayBzb2xpZCAxc Hg7IHdpZHRoOiAxMDAlOyIgYWxpZ249ImNlbnRlc iI+Cj x0 Ym9keT4KPHRYpGo8dGQ+VG Vz dCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4 K PHRYpGo8dGQ+VG Vz dCAyPC90ZD4KPHRkPlRlc3QgMiB2YWx9XTwvdGQ+CjwvdHI+CjwvdGJvZHk+CjwvdGFibGU+Cj wv ZG l2 Pgo8L2Rpdj4KPGRpd i Bz dHlsZT0icGFnZS1icmVhay1iZWZvcuU6IGFs d2F5czsgcGFnZS1icmVhay1hZnRlcjogYWx3YXl zOyI+Cj xkaXY+Cj x0 YWJsZSBzdHlsZT0iYm9yZGVyOiBibGFjayBzb2xpZCAxc Hg7IHdpZHRoOiAxMDAlOyIgYWxpZ249InJpZ2h0Ij4KPH Ri b2R5Pgo8dHI+Cjx0ZD5UZXRhZWN0IDE8L3RkPgo8dGQ+VG Vz dCB2YWw8L3RkPgo8L3RyPgo8dHI+Cjx0ZD5UZXRh ZWN0IDI8L3Rk Pgo8dGQ+VG Vz dCAyIHZhbm dwvdGQ+CjwvdHI+CjwvdGJvZHk+CjwvdGFibGU+Cjwv ZG l2 Pgo8L2Rpdj4="
      }
    ],
    "section":{
      "id":1
    },
    "category":{
      "id":1
    },
    "accessLevel":{
      "id":2
    },
    "location":{
      "id":1
    },
    "metaData":{
      "id":33,
      "metaDescription":"test",
      "metaKeyWords":"test, test",
      "metaRobotKeyWords":null,
      "metaAuthorName":"ken williamson"
    },
    "language":{
      "id":1
    },
    "frontPage":true
  }
}

```

```
"text": "PGRpdiBzdHlsZT0iGFNfNS1icmVhay1iZWZvcuU6IGFsd2F5czsgcGFNfNS1icmVhay1hZnRlcjogYWx3YXlzOyI+CjxkaXY+CjxoMSBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PHN0cm9uZz48c3BhbiBzdHlsZT0iY29sb3I6ICMzMzk5NjY7Ij5UaGlzIGlzIHROZSBUaXRzSTwvc3Bhbj48YnIglz48L3N0cm9uZz48L2gxPgo8cD5UaGlzIGlzIGEgdGVzdCBWYXJhZjZJhcGUpC9wPgo8YnIglz48L3BhbiBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PC9wPgo8L2Rpdj4KPGRpdj4KPGRhYmxiIHNoeWx1PSJib3JkZXI6IGJsYWNRiHNvbGklIDFweDsgd2lkdGg6IDEwMCU7IiBhbGlnbj0ibGVmdCI+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+Cjx0YWJsZSBzdHlsZT0iYm9yZGVyOIBibGFjayBzb2xpZCAxChg7IHdpZHRoOIAxMDA1OyIgyWxpZ249ImNlbnRlcIi+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+CjwvZGl2Pgo8L2Rpdj4KPGRpdiBzdHlsZT0iGFNfNS1icmVhay1iZWZvcuU6IGFsd2F5czsgcGFNfNS1icmVhay1hZnRlcjogYWx3YXlzOyI+CjxkaXY+CjxoMSBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PHN0cm9uZz48c3BhbiBzdHlsZT0iY29sb3I6ICMzMzk5NjY7Ij5UaGlzIGlzIHROZSBUaXRzSTwvc3Bhbj48YnIglz48L3N0cm9uZz48L2gxPgo8cD5UaGlzIGlzIGEgdGVzdCBWYXJhZjZJhcGUpC9wPgo8YnIglz48L3BhbiBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PC9wPgo8L2Rpdj4KPGRpdj4KPGRhYmxiIHNoeWx1PSJib3JkZXI6IGJsYWNRiHNvbGklIDFweDsgd2lkdGg6IDEwMCU7IiBhbGlnbj0ibGVmdCI+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+Cjx0YWJsZSBzdHlsZT0iYm9yZGVyOIBibGFjayBzb2xpZCAxChg7IHdpZHRoOIAxMDA1OyIgyWxpZ249ImNlbnRlcIi+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+CjwvZGl2Pgo8L2Rpdj4KPGRpdiBzdHlsZT0iGFNfNS1icmVhay1iZWZvcuU6IGFsd2F5czsgcGFNfNS1icmVhay1hZnRlcjogYWx3YXlzOyI+CjxkaXY+CjxoMSBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PHN0cm9uZz48c3BhbiBzdHlsZT0iY29sb3I6ICMzMzk5NjY7Ij5UaGlzIGlzIHROZSBUaXRzSTwvc3Bhbj48YnIglz48L3N0cm9uZz48L2gxPgo8cD5UaGlzIGlzIGEgdGVzdCBWYXJhZjZJhcGUpC9wPgo8YnIglz48L3BhbiBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PC9wPgo8L2Rpdj4KPGRpdj4KPGRhYmxiIHNoeWx1PSJib3JkZXI6IGJsYWNRiHNvbGklIDFweDsgd2lkdGg6IDEwMCU7IiBhbGlnbj0ibGVmdCI+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+Cjx0YWJsZSBzdHlsZT0iYm9yZGVyOIBibGFjayBzb2xpZCAxChg7IHdpZHRoOIAxMDA1OyIgyWxpZ249ImNlbnRlcIi+Cjx0Ym9keT4KPHRyPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cj4KPHRyPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YXw9XTwvdGQ+CjwvdHI+CjwvdGJvZHK+CjwvdGFibGU+CjwvZGl2Pgo8L2Rpdj4="
```

```
[
  {
    "section": {
      "id": 1
    },
    "category": {
      "id": 1
    },
    "accessLevel": {
      "id": 2
    },
    "location": {
      "id": 1
    },
    "metaData": {
      "id": 33,
      "metaDescription": "test",
      "metaKeyWords": "test, test",
      "metaRobotKeyWords": null,
      "metaAuthorName": "ken williamson"
    },
    "language": {
      "id": 1
    },
    "frontPage": true
  }
]
```

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":null
}
```

**DELETE:** <http://localhost:8080/UiBoraCMSAPI/rs/article?articleId=33>

**Description:**

delete an article

**Security:**

ROLE\_AUTHOR, ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":null
}
```

## Category

**POST:** <http://localhost:8080/UiBoraCMSAPI/rs/category>

**Description:**

Creates a category

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "code": "en_US",
  "name": "USA English",
  "defaultLanguage": true
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**DELETE:** <http://localhost:8080/UiBoraCMSAPI/rs/category?categoryId=2>

**Desription:**

Delete a category

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**GET:** <http://localhost:8080/UiBoraCMSAPI/rs/category/list>

**Desription:**

Get a list of categories

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:****Response:**

```
[
  {
    "id":4,
    "name":"Java",
    "inUse":true,
    "language":{
      "id":5,
      "code":"en-us",
      "name":"English US",
      "defaultLanguage":true
    }
  }
]
```

## Configuration

**POST:** *http://localhost:8080/UiBoraCMSAPI/rs/configuration*

**Description:**

Creates a configuration object

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{
  "metaData":{
    "id":48,
    "metaDescription":"nnn",
    "metaKeyWords":"mmm",
    "metaRobotKeyWords":"ken, java",
    "metaAuthorName":"ken"
  },
  "configurationTextList":[
    {
      "id":2,
      "siteName":"spanish site",
      "siteDescription":"olay",

```

```

        "language":{
            "id":2
        },
        "signOnMessage":"olay sign on",
        "rememberMeMessage":"lal",
        "forgotPasswordMessage":"lll",
        "usernameLabel":"lll",
        "passwordLabel":"lll",
        "loginButtonLabel":"lll",
        "passwordRecoveryMessage":"ggg",
        "passwordRecoveryButtonLabel":"ggg",
        "changePasswordMessage":"ggg",
        "oldPasswordLabel":"ggg",
        "newPasswordLabel":"ggg",
        "confirmPasswordLabel":"ggg",
        "changePasswordButtonLabel":"ggg",
        "logoutMessage":"gggg"
    }
}
]
}

```

### Response:

```

{
    "success":true,
    "error":null,
    "message":"Service Call Sucessful",
    "errorCode":0,
    "id":2
}

```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/configuration>

### Desription:

Update a configuration object

### Security:

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

application/json

### Request:

```

{
    "id":2,
    "metaData":{
        "id":48,
        "metaDescription":"nnn",
        "metaKeyWords":"mmm",
        "metaRobotKeyWords":"ken, java",
    }
}

```

```

    "metaAuthorName": "ken"
  },
  "configurationTextList": [
    {
      "id": 2,
      "siteName": "spanish site",
      "siteDescription": "olay",
      "language": {
        "id": 2
      },
      "signOnMessage": "olay sign on",
      "rememberMeMessage": "lal",
      "forgotPasswordMessage": "lll",
      "usernameLabel": "lll",
      "passwordLabel": "lll",
      "loginButtonLabel": "lll",
      "passwordRecoveryMessage": "ggg",
      "passwordRecoveryButtonLabel": "ggg",
      "changePasswordMessage": "ggg",
      "oldPasswordLabel": "ggg",
      "newPasswordLabel": "ggg",
      "confirmPasswordLabel": "ggg",
      "changePasswordButtonLabel": "ggg",
      "logoutMessage": "gggg"
    }
  ]
}

```

## Response:

```

{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}

```

**DELETE:** <http://localhost:8080/UiBoraCMSAPI/rs/configuration?id=2>

## Desription:

Delete a configuration object

## Security:

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

## Media Type:

application/json



**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/configuration/list>

**Desription:**

Get a configuration object list

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:****Response:**

```
[
  {
    "id":1,
    "metaData":{
      "id":47,
      "metaDescription":"fdgdfgfd",
      "metaKeyWords":"dfgdfgdf",
      "metaRobotKeyWords":"fgdfdf",
      "metaAuthorName":"dfgdfdf"
    },
    "workFlowRuleList":null,
    "configurationTextList":[
      {
        "id":1,
        "siteName":"My Site",
        "siteDescription":"some text",
        "language":{
          "id":5,
          "code":"en-us",
          "name":"English US",

```

```

        "defaultLanguage":true
    },
    "configuration":null,
    "signOnMessage":null,
    "rememberMeMessage":null,
    "forgotPasswordMessage":null,
    "usernameLabel":null,
    "passwordLabel":null,
    "loginButtonLabel":null,
    "passwordRecoveryMessage":null,
    "passwordRecoveryButtonLabel":null,
    "changePasswordMessage":null,
    "oldPasswordLabel":null,
    "newPasswordLabel":null,
    "confirmPasswordLabel":null,
    "changePasswordButtonLabel":null,
    "logoutMessage":null
    }
    ],
    "languageList":null
},
{
    "id":2,
    "metaData":{
        "id":48,
        "metaDescription":"nnn",
        "metaKeyWords":"mmm",
        "metaRobotKeyWords":"ken, java",
        "metaAuthorName":"ken"
    },
    "workFlowRuleList":null,
    "configurationTextList":[
        {
            "id":2,
            "siteName":"spanish site",
            "siteDescription":"olay",
            "language":{
                "id":2,
                "code":"es-cr",
                "name":"Spanish (Costa Rica)",
                "defaultLanguage":false
            },
            "configuration":null,
            "signOnMessage":"olay sign on",
            "rememberMeMessage":"lal",
            "forgotPasswordMessage":"lll",
            "usernameLabel":"lll",
            "passwordLabel":"lll",
            "loginButtonLabel":"lll",
            "passwordRecoveryMessage":"ggg",
            "passwordRecoveryButtonLabel":"ggg",
            "changePasswordMessage":"ggg",
            "oldPasswordLabel":"ggg",
            "newPasswordLabel":"ggg",
            "confirmPasswordLabel":"ggg",
            "changePasswordButtonLabel":"ggg",
            "logoutMessage":"gggg"
        }
    ],
    "languageList":null
}
]

```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/configuration?id=1>

**Description:**

Get configuration object

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

**Response:**

```
{
  "id":2,
  "metaData":{
    "id":48,
    "metaDescription":"nnn",
    "metaKeyWords":"mmm",
    "metaRobotKeyWords":"ken, java",
    "metaAuthorName":"ken"
  },
  "workFlowRuleList":null,
  "configurationTextList":[
    {
      "id":2,
      "siteName":"spanish site",
      "siteDescription":"olay",
      "language":{
        "id":2,
        "code":"es-cr",
        "name":"Spanish (Costa Rica)",
        "defaultLanguage":false
      },
      "configuration":null,
      "signOnMessage":"olay sign on",
      "rememberMeMessage":"lal",
      "forgotPasswordMessage":"lll",
      "usernameLabel":"lll",
      "passwordLabel":"lll",
      "loginButtonLabel":"lll",
      "passwordRecoveryMessage":"ggg",
      "passwordRecoveryButtonLabel":"ggg",
      "changePasswordMessage":"ggg",
      "oldPasswordLabel":"ggg",
      "newPasswordLabel":"ggg",
      "confirmPasswordLabel":"ggg",
      "changePasswordButtonLabel":"ggg",
      "logoutMessage":"gggg"
    }
  ],
  "languageList":[
    {
      "id":3,
```

```

        "code": "zh-tw",
        "name": "Chinese (Taiwan)",
        "defaultLanguage": false
    },
    {
        "id": 5,
        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    },
    {
        "id": 2,
        "code": "es-cr",
        "name": "Spanish (Costa Rica)",
        "defaultLanguage": false
    }
]
}

```

## Downloadable File

**POST:** *http://localhost:8080/UlboraCMSAPI/rs/downloadableFile/upload*

### Description:

Creates a product file

### Security:

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

multipart/form-data

### Request:

```

"username" = "admin",
"name" = "file name",
"version" = "1.1",
"productId" = 1,
"uploadKey" = "34435kh4h34ih34ih",
"returnLink" = "http://www.ulboracms.com",
"errorLink" = "some link",
"file" = "file data here"

```

### Response:

```

{
  "success": true,
  "error": null,

```

```
"message": "Service Call Sucessful",  
"errorCode": 0,  
"id": 2  
}
```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/downloadableFile>

**Description:**

Update a product file

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:**

```
{  
  "id": 2,  
  "name": "Crypt",  
  "version": "1.2"  
}
```

**Response:**

```
{  
  "success": true,  
  "error": null,  
  "message": "Service Call Sucessful",  
  "errorCode": 0,  
  "id": 2  
}
```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/downloadableFile?id=2>

**Description:**

Delete a file

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UiBoraCMSAPI/rs/downloadableFile/list?productId=1>

**Desription:**

Get a list of product file details

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Media Type:**

application/json

**Request:****Response:**

```
[
  {
    "id":2,
    "name":"Crypt",
    "downloadCount":0,
    "version":"1.2",
    "date":1393099613000,
    "fileData":null,
    "fileSize":17837,
  }
]
```

```
"fileExtension": "pdf",
"product": {
  "id": 1,
  "published": false,
  "hits": 0,
  "name": "Great App",
  "description": "some file",
  "promoLink": null,
  "externalLink": null,
  "metaData": {
    "id": 53,
    "metaDescription": "",
    "metaKeywords": "",
    "metaRobotKeywords": null,
    "metaAuthorName": null
  },
  "accessLevel": {
    "id": 2,
    "name": "Public"
  },
  "category": {
    "id": 4,
    "name": "Java",
    "inUse": true,
    "language": {
      "id": 5,
      "code": "en-us",
      "name": "English US",
      "defaultLanguage": true
    }
  },
  "section": {
    "id": 7,
    "name": "News Flash",
    "inUse": true,
    "language": {
      "id": 5,
      "code": "en-us",
      "name": "English US",
      "defaultLanguage": true
    }
  },
  "language": {
    "id": 5,
    "code": "en-us",
    "name": "English US",
    "defaultLanguage": true
  },
  "downloadableFile": {
    "id": 2,
    "name": "Crypt",
    "downloadCount": 0,
    "version": "1.2",
    "date": 1393099613000,
    "fileData": null,
    "fileSize": 17837,
    "fileExtension": "pdf",
    "product": null
  },
  "price": {
    "id": 1,
    "price": 166,
    "language": {
      "id": 5,
      "code": "en-us",
      "name": "English US",
```

```

        "defaultLanguage":true
      },
      "currencyCode":"USD"
    },
    "imageLocation":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
    "location":{
      "id":2,
      "name":"Botton",
      "usageList":{
        }
      }
    }
  }
}
]

```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/downloadableFile?id=1>

### Desription:

Get a product file details

### Security:

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Media Type:

application/json

### Request:

### Response:

```

{
  "id":2,
  "name":"Crypt",
  "downloadCount":0,
  "version":"1.2",
  "date":1393099613000,
  "fileData":null,
  "fileSize":17837,
  "fileExtension":"pdf",
  "product":{
    "id":1,
    "published":false,
    "hits":0,
    "name":"Great App",
    "description":"some file",
    "promoLink":null,
    "externalLink":null,
    "metaData":{
      "id":53,
      "metaDescription":"",
      "metaKeyWords":"",
      "metaRobotKeyWords":null,
    }
  }
}

```



```

        "metaAuthorName":null
    },
    "accessLevel":{
        "id":2,
        "name":"Public"
    },
    "category":{
        "id":4,
        "name":"Java",
        "inUse":true,
        "language":{
            "id":5,
            "code":"en-us",
            "name":"English US",
            "defaultLanguage":true
        }
    },
    "section":{
        "id":7,
        "name":"News Flash",
        "inUse":true,
        "language":{
            "id":5,
            "code":"en-us",
            "name":"English US",
            "defaultLanguage":true
        }
    },
    "language":{
        "id":5,
        "code":"en-us",
        "name":"English US",
        "defaultLanguage":true
    },
    "downloadableFile":{
        "id":2,
        "name":"Crypt",
        "downloadCount":0,
        "version":"1.2",
        "date":1393099613000,
        "fileData":null,
        "fileSize":17837,
        "fileExtension":"pdf",
        "product":null
    },
    "price":{
        "id":1,
        "price":166,
        "language":{
            "id":5,
            "code":"en-us",
            "name":"English US",
            "defaultLanguage":true
        },
        "currencyCode":"USD"
    },
    "imageLocation":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
    "location":{
        "id":2,
        "name":"Botton",
        "usageList":{
            }
        }
    }
}
}
}

```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/downloadableFile/download?id=1&username=admin&downloadKey=4jdsjj34232432j>

**Description:**

Download a file

**Security:**

**Request:**

**Response:**

## File Upload

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/pdf>

**Description:**

Upload a PDF Article File

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

returnLink = someReturnLink

file=Multipart File

**Example:**

```
<form method="post" action="http://localhost:8080/UlboraCMSAPI/rs/pdf"
enctype="multipart/form-data">
  <div class="form-upload-element">
```

```
<input type="file" name="file" class="form-file-element"/>
</div>
<div class="form-upload-button">
  <input name="returnLink" type="hidden" value="http://localhost:8080/UiBoraCmsUI"/>
  <button class="form-button" type="submit">Upload</button>
</div>
</form>
```

## Response:

## Image

**GET:** <http://localhost:8080/UiBoraCMSAPI/rs/image/get/3>

## Description:

Download a image

## Security:

## Request:

## Response:

## Language

**POST:** <http://localhost:8080/UiBoraCMSAPI/rs/language>

## Description:

Creates a language

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "code": "en_US",
  "name": "USA English",
  "defaultLanguage": true
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/language>

**Desription:**

Update a language

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "id": 2,
  "name": "Spanish (Costa Rica)",
  "code": "es-cr",
  "defaultLanguage": false
}
```

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/language?id=3>

**Desription:**

Get a language

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "id":3,
  "code":"zh-tw",
  "name":"Chinese (Taiwan)",
  "defaultLanguage":false
}
```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/language?languageId=2>

**Desription:**

Delete a language

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
```

```
{
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/language/list>

### **Description:**

Get a list of languages

### **Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### **Request:**

### **Response:**

```
[
  {
    "id":3,
    "code":"zh-tw",
    "name":"Chinese (Taiwan)",
    "defaultLanguage":false
  },
  {
    "id":5,
    "code":"en-us",
    "name":"English US",
    "defaultLanguage":true
  },
  {
    "id":2,
    "code":"es-cr",
    "name":"Spanish (Costa Rica)",
    "defaultLanguage":false
  }
]
```

## **Links**

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/link>

**Description:**

Creates a link

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "name": "ds",
  "link": "www.drivensolutions.com",
  "language": {
    "id": 5
  }
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/link>

**Description:**

Update a link

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "id": 1,
  "name": "ds",
  "link": "www.drivensolutions.com",
  "language": {
    "id": 5
  }
}
```

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/link?id=2>

**Desription:**

delete a link

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/link/list>

**Desription:**

Get a list of links

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN



**Request:****Response:**

```
[
  {
    "id":1,
    "name":"ds",
    "link":"www.drivensolutions.com",
    "language":{
      "id":5,
      "code":"en-us",
      "name":"English US",
      "defaultLanguage":true
    },
    "languageList":null
  }
]
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/link?id=1>

**Description:**

Get a link details

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "id":1,
  "name":"ds",
  "link":"www.drivensolutions.com",
  "language":{
    "id":5,
    "code":"en-us",
    "name":"English US",
    "defaultLanguage":true
  },
  "languageList":[
    {
      "id":3,
      "code":"zh-tw",
      "name":"Chinese (Taiwan)",
      "defaultLanguage":false
    },
    {
      "id":5,
      "code":"en-us",

```

```

        "name": "English US",
        "defaultLanguage": true
    },
    {
        "id": 2,
        "code": "es-cr",
        "name": "Spanish (Costa Rica)",
        "defaultLanguage": false
    }
]
}

```

## Location

**POST:** <http://localhost:8080/UiBoraCMSAPI/rs/location>

### Description:

Creates a screen location

### Security:

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Request:

```

{
  "name": "Top"
}

```

### Response:

```

{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}

```

**DELETE:** <http://localhost:8080/UiBoraCMSAPI/rs/location?locationId=2>

### Description:

Delete a screen location

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/location/list>

**Desription:**

Get a list of screen locations

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
[
  {
    "id":2,
    "name":"Botton",
    "usageList":{

    }
  },
  {
    "id":5,
    "name":"Right",
    "usageList":{

    }
  },
  {
    "id":1,
    "name":"Top",
```

```
"usageList":{  
  }  
}  
]
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/location?id=1>

**Description:**

Get screen location usage

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

**Response:**

```
{  
  "id":1,  
  "name":"Top",  
  "usageList":{  
    "productList":[  
      ],  
    "articleList":[  
      "The Meaning of Life",  
      "This is the Title"  
    ]  
  }  
}
```

## WorkFlow Rules

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/workflowRule/requestPermissionRule>

**Description:**

Creates a workflow rule to request permission to publish an article

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**DELETE:** <http://localhost:8080/UiBoraCMSAPI/rs/workflowRule/requestPermissionRule>

**Description:**

Deletes a workflow rule to request permission to publish an article

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

## Media

**GET:** <http://localhost:8080/UiBoraCMSAPI/rs/media/list>

**Description:**

Get a list of media

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
[
  {
    "id":65,
    "name":"Book and Glasses",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
    "extension":"png"
  },
  {
    "id":63,
    "name":"Image 1",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/63",
    "extension":"jpeg"
  },
  {
    "id":64,
    "name":"Image 1",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/64",
    "extension":"jpeg"
  },
  {
    "id":66,
    "name":"Image 1",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/66",
    "extension":"jpeg"
  },
  {
    "id":70,
    "name":"tqtqtq",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/70",
    "extension":"jpg"
  },
  {
    "id":69,
    "name":"ttttt",
    "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/69",
    "extension":"jpg"
  }
]
```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/media>

**Desription:**

Add Media

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

Username = some user

name=some name

uploadKey =651651516

returnLink=some link

errorLink= some link

aFile = file

```
<form id="mediaForm" method="post" action="" enctype="multipart/form-data">
  <input name="uploadKey" type="hidden" value="{{uploadKey}}"/>
  <input name="username" type="hidden" value="{{username}}"/>
  <input name="errorLink" type="hidden" value="{{errorUrl}}"/>
  <input name="returnLink" type="hidden" value="{{mediaUrl}}"/>
  <input id="actionUrl" name="actionUrl" type="hidden" value="{{api}}"/>
  <div class="support-element-wrapper">
    <div class="support-label">
      <label class="support-form-label" for="name">Name:</label>
    </div>
    <div class="support-element">
      <input class="form-left-text-element" type="text" name="name" placeholder="name"
required/>
    </div>
  </div>
  <div class="support-element-wrapper">
    <div class="support-label">
      <label class="support-form-label" for="file">File</label>
    </div>
    <div class="support-element">
      <input type="file" name="file" class="form-file-left-element" required/>
    </div>
  </div>
  <div class="support-submit-button-row">
    <button onClick="mediaUpdate();" class="btn btn-default">Save</button>
  </div>
</form>
```

**Response:**

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/media>

**Description:**

Update Media

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "id":65,
  "name":"Book and Glasses"
}
```

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":null
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/media?id=65>

**Description:**

Get Media

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "id":65,
  "name":"Book and Glasses",
  "imageLink":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
  "extension":"png"
}
```



**DETETE:** <http://localhost:8080/UiBoraCMSAPI/rs/media?id=65>

**Description:**

Delete Media

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

**Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":null
}
```

## Products

**POST:** <http://localhost:8080/UiBoraCMSAPI/rs/product>

**Description:**

Creates a product

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "published":false,
  "name":"Great App",
  "description":"some file",
  "promoLink":null,
  "externalLink":null,
  "metaData":{
    "id":53,
    "metaDescription":"",
    "metaKeyWords":"",
    "metaRobotKeyWords":null,
    "metaAuthorName":null
  }
}
```

```

    },
    "accessLevel":{
        "id":2
    },
    "category":{
        "id":4
    },
    "section":{
        "id":7
    },
    "language":{
        "id":5
    },
    "location":{
        "id":2
    },
    "price":{
        "id":1,
        "price":166,
        "currencyCode":"USD"
    },
    "imageLocation":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65"
}

```

### Response:

```

{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}

```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/product>

### Desription:

Update a product

### Security:

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Request:

```

{
  "id":1,
  "published":false,
  "name":"Great App",
  "description":"some file",
  "promoLink":null,
  "externalLink":null,
  "metaData":{
    "id":53,
    "metaDescription":"",

```

```

        "metaKeyWords":"","
        "metaRobotKeyWords":null,
        "metaAuthorName":null
    },
    "accessLevel":{
        "id":2
    },
    "category":{
        "id":4
    },
    "section":{
        "id":7
    },
    "language":{
        "id":5
    },
    "location":{
        "id":2
    },
    "price":{
        "id":1,
        "price":166,
        "currencyCode":"USD"
    },
    "imageLocation":"http://localhost:8080/UlboraCMSAPI/rs/image/get/65"
}

```

## Response:

```

{
    "success":true,
    "error":null,
    "message":"Service Call Sucessful",
    "errorCode":0,
    "id":2
}

```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/product?id=3>

## Desription:

Get a product details

## Security:

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

## Request:

## Response:

```

{
    "id":1,

```

```
"published":false,
"hits":0,
"name":"Great App",
"description":"some file",
"promoLink":null,
"externalLink":null,
"metaData":{
  "id":53,
  "metaDescription":"",
  "metaKeyWords":"",
  "metaRobotKeyWords":null,
  "metaAuthorName":null
},
"accessLevel":{
  "id":2,
  "name":"Public"
},
"category":{
  "id":4,
  "name":"Java",
  "inUse":true,
  "language":{
    "id":5,
    "code":"en-us",
    "name":"English US",
    "defaultLanguage":true
  }
},
"section":{
  "id":7,
  "name":"News Flash",
  "inUse":true,
  "language":{
    "id":5,
    "code":"en-us",
    "name":"English US",
    "defaultLanguage":true
  }
},
"language":{
  "id":5,
  "code":"en-us",
  "name":"English US",
  "defaultLanguage":true
},
"downloadableFile":{
  "id":2,
  "name":"Crypt",
  "downloadCount":0,
  "version":"1.2",
  "date":1393099613000,
  "fileData":null,
  "fileSize":17837,
  "fileExtension":"pdf",
  "product":null
},
"price":{
  "id":1,
  "price":166,
  "language":{
    "id":5,
    "code":"en-us",
    "name":"English US",
    "defaultLanguage":true
  },
  "currencyCode":"USD"
```

```
    },
    "imageLocation": "http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
    "location": {
      "id": 2,
      "name": "Botton",
      "usageList": {
        }
      }
    }
  }
}
```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/product?id=2>

**Description:**

Delete a product

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/product/list>

**Description:**

Get a list of products

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

## Response:

```
[
  {
    "id":1,
    "published":false,
    "hits":0,
    "name":"Great App",
    "description":"some file",
    "promoLink":null,
    "externalLink":null,
    "metaData":{
      "id":53,
      "metaDescription":"",
      "metaKeyWords":"",
      "metaRobotKeyWords":null,
      "metaAuthorName":null
    },
    "accessLevel":{
      "id":2,
      "name":"Public"
    },
    "category":{
      "id":4,
      "name":"Java",
      "inUse":true,
      "language":{
        "id":5,
        "code":"en-us",
        "name":"English US",
        "defaultLanguage":true
      }
    },
    "section":{
      "id":7,
      "name":"News Flash",
      "inUse":true,
      "language":{
        "id":5,
        "code":"en-us",
        "name":"English US",
        "defaultLanguage":true
      }
    },
    "language":{
      "id":5,
      "code":"en-us",
      "name":"English US",
      "defaultLanguage":true
    },
    "downloadableFile":{
      "id":2,
      "name":"Crypt",
      "downloadCount":0,
      "version":"1.2",
      "date":1393099613000,
      "fileData":null,
      "fileSize":17837,
      "fileExtension":"pdf",
      "product":null
    },
    "price":{
      "id":1,
      "price":166,
      "language":{
        "id":5,
```

```

        "code": "en-us",
        "name": "English US",
        "defaultLanguage": true
    },
    "currencyCode": "USD"
},
"imageLocation": "http://localhost:8080/UlboraCMSAPI/rs/image/get/65",
"location": {
    "id": 2,
    "name": "Botton",
    "usageList": {
    }
}
}
]

```

## Section

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/section>

### Desription:

Creates a section

### Security:

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### Request:

```

{
  "code": "en_US",
  "name": "USA English",
  "defaultLanguage": true
}

```

### Response:

```

{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}

```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/section?sectionId=2>

### Desription:

Delete a section

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/section/list>

**Desription:**

Get a section

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
[
  {
    "id":1,
    "name":"Company Info",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  },
  {
    "id":2,
    "name":"Product Info",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  }
]
```



# Super Admin

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/superAdmin>

## Desription:

Creates a super admin user

## Media Type:

application/json

## Security:

ROLE\_SUPER\_ADMIN

## Request:

```
{
  "firstName": "ken",
  "lastName": "Johnson",
  "emailAddress": "ken@abcd.com",
  "user": {
    "username": "kenwill",
    "password": "somePassword"
  }
}
```

## Response:

```
{
  "success": true,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": 2
}
```

# UlboraUsers

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser/list>

## Desription:

Get a list of Ulbora users

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
[
  {
    "id":4,
    "dateEntered":1388013457000,
    "firstName":"admin",
    "lastName":"admin",
    "emailAddress":"admin@admin.com",
    "activationCode":null,
    "user":{
      "username":"admin",
      "password":null,
      "enabled":true,
      "role":{
        "id":1,
        "roleName":"superAdmin"
      }
    }
  }
]
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser?id=5>

**Description:**

Get Ulbora User

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:****Response:**

```
{
  "id":5,
  "dateEntered":1391475750000,
  "firstName":"tester",
  "lastName":"tester",
  "emailAddress":"tester@tester.com",
  "activationCode":null,
  "user":{
    "username":"tester",
    "password":null,

```

```
    "enabled":true,
    "role":{
      "id":2,
      "roleName":"admin"
    }
  },
  "roleList":[
    {
      "id":1,
      "roleName":"superAdmin"
    },
    {
      "id":2,
      "roleName":"admin"
    },
    {
      "id":3,
      "roleName":"author"
    },
    {
      "id":4,
      "roleName":"user"
    }
  ]
}
```

**GET:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser/roles>

### **Description:**

Get Ulbora Users Roles

### **Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### **Request:**

### **Response:**

```
[
  {
    "id":1,
    "roleName":"superAdmin"
  },
  {
    "id":2,
    "roleName":"admin"
  }
]
```

```

    },
    {
      "id":3,
      "roleName":"author"
    },
    {
      "id":4,
      "roleName":"user"
    }
  ]

```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser>

### **Description:**

Add an Ulbora User

### **Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

### **Request:**

```

{
  "firstName":"tom",
  "lastName":"watson",
  "emailAddress":"bob@bob.com",
  "user":{
    "username":"bob",
    "password":"bob",
    "role":{
      "id":1
    }
  }
}

```

### **Response:**

```

{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":null
}

```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser/pw>

### **Description:**

Change Password for self

**Security:**

ROLE\_AUTHOR, ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "oldPassword": "author",
  "password": "author2"
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Successful",
  "errorCode": 0,
  "id": null
}
```

**PUT:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser>

**Description:**

Update an Ulbora User

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

```
{
  "id": 1,
  "firstName": "tom",
  "lastName": "watson",
  "emailAddress": "bob@bob.com",
  "user": {
    "username": "bob",
    "password": "bob",
    "role": {
      "id": 1
    }
  }
}
```

**Response:**

```
{
  "success": true,
  "error": null,
  "message": "Service Call Successful",
}
```

```
    "errorCode":0,  
    "id":null  
}
```

**DELETE:** <http://localhost:8080/UlboraCMSAPI/rs/ulboraUser?id=33>

**Description:**

Delete ulbora user

**Security:**

ROLE\_ADMIN, ROLE\_SUPER\_ADMIN

**Request:**

**Response:**

```
{  
  "success":true,  
  "error":null,  
  "message":"Service Call Sucessful",  
  "errorCode":0,  
  "id":null  
}
```

## User

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/public/login>

**Description:**

Validates login nothing else. Client must hold login state.

**Media Type:**

application/json

**Security:**

**Request:**

```
{
  "username": "ken",
  "password": "ken"
}
```

**Response:**

```
{
  "success": false,
  "error": null,
  "message": "Service Call Sucessful",
  "errorCode": 0,
  "id": null
}
```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/public/register>

**Desription:**

Register a new user

**Media Type:**

application/json

**Security:****Request:**

```
{
  "answer": "bob",
  "key": "jghjghjgh",
  "ulboraUser": {
    "firstName": "tom",
    "lastName": "navel",
    "emailAddress": "bob@bob.com",
    "user": {
      "username": "bob",
      "password": "fghgf"
    }
  }
}
```

**Response:**

```
{
  "success": true,
}
```

```
"error":null,  
"message":"Service Call Sucessful",  
"errorCode":0,  
"id":null  
}
```

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/public/resetPassword>

### **Description:**

Reset user's password

### **Media Type:**

application/json

### **Security:**

### **Request:**

```
{  
  "answer": "bob",  
  "key": "jghjghjgh",  
  "ulboraUser": {  
    "firstName": "tom",  
    "lastName": "navel",  
    "emailAddress": "bob@bob.com",  
    "user": {  
      "username": "bob",  
      "password": ""  
    }  
  }  
}
```

### **Response:**

```
{  
  "success": true,  
  "error": null,  
  "message": "Service Call Sucessful",  
  "errorCode": 0,  
  "id": null  
}
```



# Content

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/content>

## Desription:

View content

## Media Type:

application/json

## Security:

## Request:

```
{
  "frontPage":false,
  "links":true,
  "articles":true,
  "articlesText":true,
  "products":false,
  "searchFilter":[
    {
      "sectionName":null,
      "categoryName":"News"
    },
    {
      "sectionName":null,
      "categoryName":"News Flash"
    },
    {
      "sectionName":"About",
      "categoryName":null
    }
  ]
}
```

## Response:

```
{
  "articleLocations":{
    "Right":[
      {
        "id":43,
        "alias":"Test Not Image",
        "published":true,
        "createdDate":1393169743000,
        "publishedDate":null,

```

```

"startPublishingDate":null, content
"endPublishDate":null,
"modifiedDate":1393773682000,
"hits":0,
"showTitle":true,
"showIntroText":false,
"showSectionName":false,
"showCategoryName":false,
"showAuthor":false,
"showCreationDate":false,
"showModifiedDate":false,
"title":"Test Not Image",
"textList":[
  {
    "id":41,

"text":"PGRpdiBzdHlsZT0icGFnZS1icmVhay1hZWZvcuU6IGFsd2F5czsgcGFnZS1icmVhay1hZnRlcjogYWx3YXlz
OyI+CjxkaXY+CjxwPlRlc3QgTm90IEltYWdlPC9wPgo8cD5UZxh0IG9ubHkgbm8gaW1hZ2U8L3A+CjwvZGl2Pgo8L2Rp
dj4=",
    "version":0,
    "active":true,
    "article":null
  }
],
"section":{
  "id":8,
  "name":"MainPage",
  "inUse":false,
  "language":null
},
"category":{
  "id":10,
  "name":"News Flash",
  "inUse":false,
  "language":null
},
"accessLevel":null,
"location":null,
"metaData":{
  "id":54,
  "metaDescription":"","",
  "metaKeyWords":"","",
  "metaRobotKeyWords":null,
  "metaAuthorName":null
},
"language":null,
"author":{
  "id":4,
  "dateEntered":null,
  "firstName":"admin",
  "lastName":"admin",
  "emailAddress":"admin@admin.com",
  "activationCode":null,
  "user":null,
  "roleList":null
},
"frontPage":false,
"pageBreak":false,
"articleFileList":null
},
{
  "id":40,
  "alias":"This is the Title",
  "published":true,
  "createdDate":1390794118000,
  "publishedDate":null,

```

```
"startPublishingDate":null,
"endPublishDate":null,
"modifiedDate":1393791377000,
"hits":0,
"showTitle":true,
"showIntroText":false,
"showSectionName":false,
"showCategoryName":false,
"showAuthor":false,
"showCreationDate":false,
"showModifiedDate":false,
"title":"The Meaning of Life",
"textList":[
  {
    "id":38,
```

```
"text":"PGRpdiBzdHlsZT0icGFnZS1icmVhay1iZWZvcmU6IGFsd2F5czsgcGFnZS1icmVhay1hZnRlcjogYWx3YXlz
OyI+CjxkaXY+CjxoMSBzdHlsZT0idGV4dC1hbGlnbjogY2VudGVyOyI+PHN0cm9uZz5UaGlzIGlzIHROZSBUaXRzZSA8
YnIgZ48L3N0cm9uZz48L2gxPgo8cD5UaGlzIGlzIGEgdGVzdCBwYXJhZ3JhcGguPC9wPgo8aW1nIHNoeWxlPSJmbG9h
dDogbGVmdDsiIHNYZz0iLi4vVWxib3JhQ001TQVBJL3JzL2ltYWdlL2dldC82MyIgYWx0PSJpbWFnZSIgZ4KPHA+VGhp
cyBpcyBhbm90aGVyIHhbmFncmFwaC48L3A+Cjx0YWJsZSBzdHlsZT0iYm9yZGVyOyI+IibGFjayBzb2xpZCAxcHg7IHdp
ZHRoOiAxMDA10yIgYWxpZ249Imx1ZnQiPgo8dGJvZHK+Cjx0cjk4KPHRkPlRlc3QgMTwvdGQ+Cjx0ZD5UZXR0IHZhbDwv
dGQ+CjwvdHI+Cjx0cjk4KPHRkPlRlc3QgMjwvdGQ+Cjx0ZD5UZXR0IDIGdmFsPC90ZD4KPC90cjk4KPC90Ym9keT4KPC90
YWJsZT4KPRpdiBzdHlsZT0iZmxvYXQ6IGx1ZnQ7IHdpZHRoOiAxMDA10yB0ZXh0LWFsaWduOyI+ZW50ZXI7Ij48aW1n
IHNYZz0iLi4vVWxib3JhQ001TQVBJL3JzL2ltYWdlL2dldC82MyIgYWx0PSJjYXJfaW1hZ2UiIC8+PC9kaXY+Cjx0YWJs
ZSBzdHlsZT0iYm9yZGVyOyI+IibGFjayBzb2xpZCAxcHg7IHdpZHRoOiAxMDA10yIgYWxpZ249ImNlbnRlc iI+Cjx0Ym9k
eT4KPHRYPgo8dGQ+VGZvdCAxPC90ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cjk4KPHRYPgo8dGQ+VGZvdCAyPC90ZD4K
PHRkPlRlc3QgMiB2YWw8L3RkPgo8L3RyPgo8L3Rib2R5Pgo8L3RhYmxlPgo8dGFibGUgc3R5bGU9ImJvcmlc jogYmxh
Y2sgc29saWQgMXB40yB3aWR0aDogMTAwJTsiIGFsaWduPSJyaWdodCI+Cjx0Ym9keT4KPHRYPgo8dGQ+VGZvdCAxPC90
ZD4KPHRkPlRlc3QgdmFsPC90ZD4KPC90cjk4KPHRYPgo8dGQ+VGZvdCAyPC90ZD4KPHRkPlRlc3QgMiB2YWw8L3RkPgo8
L3RyPgo8L3Rib2R5Pgo8L3RhYmxlPgo8L2Rpdj4KPC9kaXY+",
```

```
"version":0,
"active":true,
"article":null
}
```

```
],
"section":{
  "id":8,
  "name":"MainPage",
  "inUse":false,
  "language":null
},
```

```
"category":{
  "id":10,
  "name":"News Flash",
  "inUse":false,
  "language":null
},
```

```
"accessLevel":null,
"location":null,
"metaData":{
  "id":44,
  "metaDescription":"",
  "metaKeyWords":"",
  "metaRobotKeyWords":null,
  "metaAuthorName":null
},
```

```
"language":null,
"author":{
  "id":4,
  "dateEntered":null,
  "firstName":"admin",
  "lastName":"admin",
  "emailAddress":"admin@admin.com",
  "activationCode":null,
  "user":null,
```

```

        "roleList":null
    },
    "frontPage":false,
    "pageBreak":false,
    "articleFileList":null
}
],
"Top":[

],
"Botton":[

],
"Center":[
{
    "id":45,
    "alias":null,
    "published":true,
    "createdDate":1393799534000,
    "publishedDate":null,
    "startPublishingDate":null,
    "endPublishDate":null,
    "modifiedDate":1393801175000,
    "hits":0,
    "showTitle":false,
    "showIntroText":false,
    "showSectionName":false,
    "showCategoryName":false,
    "showAuthor":false,
    "showCreationDate":false,
    "showModifiedDate":false,
    "title":"About UlboraCMS",
    "textList":[
        {
            "id":43,

"text":"PGgxIHN0eWxlPSJ0ZXh0LWFsaWduOiBjZW50ZXI7Ij48c3Ryb25nPkFib3V0IFVsYm9yYUNNUzwvc3Ryb25n
PjwvaDE+CjxwIHN0eWxlPSJ0ZXh0LWFsaWduOiBjZW50ZXI7Ij5XZSBhcmUgdGhlIGJlc3QgQ01TIG9uIHRoZSBwbGFu
ZXQuPC9wPgo8cD4mbmJzcDs8L3A+CjxwIHN0eWxlPSJ0ZXh0LWFsaWduOiBjZW50ZXI7Ij5XZSBhcmUgdGhlIGdyZWFO
ZXN0LjwvcD4KPHA+Jm5ic3A7PC9wPgo8cD48aWlnIHN0eWxlPSJkaXNwbGF5OibG9jazsgbWFyZ2luLWxlZnQ6IGF1
dG87IG1hcmdbpbi1yaWdodDogYXV0bzsIHNyYz0iLi4vVWxib3JhQ01TQVBjL3JzL2ltYWdlL2dldC82OSIgYWx0PSIi
IHdpZHRoPSI0ODAiIGhlaWdodD0iMjY0IiAvPjwvcD4=",
            "version":0,
            "active":false,
            "article":null
        }
    ],
    "section":{
        "id":9,
        "name":"About",
        "inUse":false,
        "language":null
    },
    "category":{
        "id":12,
        "name":"Info",
        "inUse":false,
        "language":null
    },
    "accessLevel":null,
    "location":null,
    "metaData":{
        "id":56,
        "metaDescription":"",
        "metaKeyWords":"",
        "metaRobotKeyWords":null,

```





LWJlZm9yZTogYWx3YXlzOyBwYWdlLWJyZWFrLWFmdGVyOjBhbHdheXM7Ij4KPGRpdj4KPHRhYmxlIHNoeWxlPSJib3JkZXI6IGJsYWNrIHNVbG1kIDFweDsgd2lkdGg6IDEwMCU7IiBhbGlnbj0icmlnaHQiPgo8dGJvZHK+Cjx0cj4KPHRkPlRlc3QgMTwvdGQ+Cjx0ZD5UZXR0IHZhbDwvdGQ+CjwvdHI+Cjx0cj4KPHRkPlRlc3QgMjwvdGQ+Cjx0ZD5UZXR0IDIdmFsPC90ZD4KPC90cj4KPC90Ym9keT4KPC90YWJsZT4KPC9kaXY+CjwvZGl2Pg==",

```
        "version":0,
        "active":true,
        "article":null
    }
},
"section":{
    "id":8,
    "name":"MainPage",
    "inUse":false,
    "language":null
},
"category":{
    "id":11,
    "name":"News",
    "inUse":false,
    "language":null
},
"accessLevel":null,
"location":null,
"metaData":{
    "id":55,
    "metaDescription":"","",
    "metaKeyWords":"","",
    "metaRobotKeyWords":null,
    "metaAuthorName":null
},
"language":null,
"author":{
    "id":4,
    "dateEntered":null,
    "firstName":"admin",
    "lastName":"admin",
    "emailAddress":"admin@admin.com",
    "activationCode":null,
    "user":null,
    "roleList":null
},
"frontPage":false,
"pageBreak":false,
"articleFileList":null
}
]
},
"productLocations":null,
"links":[
    {
        "id":1,
        "name":"Driven Solutions",
        "link":"http://www.drivensolutions.com",
        "language":{
            "id":5,
            "code":"en-us",
            "name":"English US",
            "defaultLanguage":true
        },
        "languageList":null
    },
    {
        "id":2,
        "name":"UlboracMS.org",
        "link":"http://www.ulboracMS.org",
        "language":{
```

```

        "id":5,
        "code":"en-us",
        "name":"English US",
        "defaultLanguage":true
    },
    "languageList":null
}
]
}

```

**GET:** <http://localhost:8080/UiBoraCMSAPI/rs/content/article?id=1>

### **Description:**

Get an article

### **Security:**

### **Media Type:**

application/json

### **Request:**

### **Response:**

```

{
  "article":{
    "id":19,
    "alias":"This is the Title",
    "published":false,
    "createdDate":1389584061000,
    "publishedDate":null,
    "startPublishingDate":null,
    "endPublishDate":null,
    "modifiedDate":null,
    "hits":0,
    "showTitle":true,
    "showIntroText":false,
    "showSectionName":false,
    "showCategoryName":false,
    "showAuthor":false,
    "showCreationDate":false,
    "showModifiedDate":false,
    "title":"This is the Title",
    "textList":[
      {
        "id":19,

```





```
    "user":null
  },
  "frontPage":false,
  "approvalMailItem":null,
  "articleFileList":null
},
"accessLevelList":[
  {
    "id":2,
    "name":"Public"
  },
  {
    "id":3,
    "name":"User"
  }
],
"categoryList":[
  {
    "id":1,
    "name":"News",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  },
  {
    "id":2,
    "name":"About",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  }
],
"locationList":[
  {
    "id":1,
    "name":"Top"
  }
],
"languageList":[
  {
    "id":1,
    "code":"en_US",
    "name":"USA English",
```

```
    "defaultLanguage":true
  },
  {
    "id":2,
    "code":"es-cr",
    "name":"Spanish (Costa Rica)",
    "defaultLanguage":false
  },
  {
    "id":3,
    "code":"zh-tw",
    "name":"Chinese (Taiwan)",
    "defaultLanguage":false
  }
],
"sectionList":[
  {
    "id":1,
    "name":"Company Info",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  },
  {
    "id":2,
    "name":"Product Info",
    "language":{
      "id":1,
      "code":"en_US",
      "name":"USA English",
      "defaultLanguage":false
    }
  }
]
}
```

# Addons

**POST:** <http://localhost:8080/UlboraCMSAPI/rs/addons/call>

## Desription:

Call an Addon REST service

## Media Type:

application/json

## Security:

Can be added to security model if desired.

## Request:

```
{
  "addOnId":230,
  "addOnName":"Addon Name",
  "method":"POST or PUT or DELETE or GET",
  "serviceName":"serviceName",
  "methodName":"methodName of null",
  "jsonRequest":"UTF-8 encoded byte array",
  "queryParameters":{
    "param1name":"param1value",
    "param2name":"param2value"
  },
  "pathParameters":[
    "param1value",
    "param2value"
  ]
}
```

## Response:

```
{
  "success":true,
  "error":null,
  "message":"Service Call Sucessful",
  "errorCode":0,
  "id":2
}
```

# Micbutton Challenge

**GET:** [http://localhost:8080/UlboraCmsComAPI/rs/public/challenge?languageCode=en\\_us](http://localhost:8080/UlboraCmsComAPI/rs/public/challenge?languageCode=en_us)

**Description:**

Creates a customer user

**Security:****Request:****Response:**

```
{
  "question": "What is greater, 2+2 or 4+3?",
  "key": "jldo+vib0rmz4r+dsxn6twhfk12ulihjcrorm2jz58tz5fo20m/hsjgeviln8m3rov9ie3cjm+vae7kdx
cigbw=="
}
```