**API DOM**

Readme:

Every return is json;

Every api need parameter "key=scucsharp";

Coding format is utf8;

1. Api/home\_timeline

**Description:**return the user’s nearby recent 20 secrets order by time;

**Url:**http://scuinfo.com/Api/home\_timeline

**Method:**GET

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| longitude | true | double | For this user’s longitude |
| latitude | true | double | For this user’s latitude |
| distance | false | int | How many meters from the user,500~5000m,default is 3000m. |
| count | false | int | How many data you want,1-100,default is 20 |
| page | false | int | Page. Value is greater than zero, the default value is 1 |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| aid | int | The secret id |
| uid | int | The user id |
| longitude | double | For this content’s longitude |
| latitude | double | For this content’s latitude |
| content | char | The secret content |
| time | int | The content create timestamp |
| distance | int | The publisher and the user's distance in meters |
| comments\_count | int | Count of the content’s comments |
| favorites\_count | int | Count of the content’s favorites |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return field | Error code | Description |
| errorcode | LATITUDE\_NOT\_IN\_RANGE | Latitude is not within the range of -90-90. |
| errorcode | LONGITUDE\_NOT\_IN\_RANGE | Longitude is not within -180-180 range. |
| errorcode | COUNT\_NOT\_IN\_RANGE | The page size is not in the range 1-100. |
| errorcode | DISTANCE\_NOT\_IN\_RANGE | Radius is not within the range of 500-5000 meters. |
| errorcode | PAGE\_MUST\_LARGER\_0 | Pages must be greater than 0. |

1. Api/user\_timeline

Description:return the user’s recent 20 secrets order by time;

Url:http://scuinfo.com/Api/user\_timeline

Method:GET

Request parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| uid | true | int | For user’s id |
| longitude | true | double | For this user’s longitude |
| latitude | true | double | For this user’s latitude |
| count | false | int | How many data you want,1-100,default is 20 |
| page | false | int | Page. Value is greater than zero, the default value is 1 |

Return description:

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| aid | int | The secret id |
| uid | int | The user id |
| longitude | double | For this content’s longitude |
| latitude | double | For this content’s latitude |
| content | char | The secret content |
| time | int | The content create timestamp |
| distance | int | The publisher and the user's distance in meters |
| comments\_count | int | Count of the content’s comments |
| favorites\_count | int | Count of the content’s favorites |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return fields | Error code | Description |
| errorcode | LATITUDE\_NOT\_IN\_RANGE | Latitude is not within the range of -90-90. |
| errorcode | LONGITUDE\_NOT\_IN\_RANGE | Longitude is not within -180-180 range. |
| errorcode | COUNT\_NOT\_IN\_RANGE | The page size is not in the range 1-100. |
| errorcode | DISTANCE\_NOT\_IN\_RANGE | Radius is not within the range of 500-5000 meters. |
| errorcode | UID\_NOT\_EXIST | The user id not find in sql. |
| errorcode | PAGE\_MUST\_LARGER\_0 | Pages must be greater than 0. |

**3.Api/show**

**Description:**Show user’s content by aid.

**Url:**http://scuinfo.com/Api/show

**Method:**GET

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| aid | true | int | For the content’s id |
| longitude | true | double | For this user’s longitude |
| latitude | true | double | For this user’s latitude |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| aid | int | The secret id |
| uid | int | The user id |
| longitude | double | For this content’s longitude |
| latitude | double | For this content’s latitude |
| content | char | The secret content |
| time | int | The content create timestamp |
| distance | int | The publisher and the user's distance in meters |
| comments\_count | int | Count of the content’s comments |
| favorites\_count | int | Count of the content’s favorites |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return code | Error code | Description |
| errorcode | LATITUDE\_NOT\_IN\_RANGE | Latitude is not within the range of -90-90. |
| errorcode | LONGITUDE\_NOT\_IN\_RANGE | Longitude is not within -180-180 range. |
| errorcode | DISTANCE\_NOT\_IN\_RANGE | Radius is not within the range of 500-5000 meters. |

**4.Api/comment**

**Description:Return content’s recent comments.**

**Url:**http://scuinfo.com/Api/comment

**Method:**GET

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| aid | true | int | The content’s id |
| count | false | int | How many data you want,1-100,default is 20 |
| page | false | int | Page. Value is greater than zero, the default value is 1 |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| fid | int | The comment id |
| aid | int | The secret id |
| uid | int | The user id |
| content | char | The secret content |
| time | int | The content create timestamp |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return fields | Error code | Description |
| errorcode | LATITUDE\_NOT\_IN\_RANGE | Latitude is not within the range of -90-90. |
| errorcode | LONGITUDE\_NOT\_IN\_RANGE | Longitude is not within -180-180 range. |
| errorcode | COUNT\_NOT\_IN\_RANGE | The page size is not in the range 1-100. |
| errorcode | DISTANCE\_NOT\_IN\_RANGE | Radius is not within the range of 500-5000 meters. |
| errorcode | PAGE\_MUST\_LARGER\_0 | Pages must be greater than 0. |

**5.Api/favorite**

**Description:Return user’s favorite content.**

**Url:**http://scuinfo.com/Api/favorite

**Method:**GET

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| uid | true | int | The comment’s id |
| longitude | true | double | For this user’s longitude |
| latitude | true | double | For this user’s latitude |
| count | false | int | How many data you want,1-100,default is 20 |
| page | false | int | Page. Value is greater than zero, the default value is 1 |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| aid | int | The secret id |
| uid | int | The user id |
| longitude | double | For this content’s longitude |
| latitude | double | For this content’s latitude |
| content | char | The secret content |
| time | int | The content create timestamp |
| distance | int | The publisher and the user's distance in meters |
| comments\_count | int | Count of the content’s comments |
| favorites\_count | int | Count of the content’s favorites |

|  |  |  |
| --- | --- | --- |
| Return field | Error code | Description |
| errorcode | LATITUDE\_NOT\_IN\_RANGE | Latitude is not within the range of -90-90. |
| errorcode | LONGITUDE\_NOT\_IN\_RANGE | Longitude is not within -180-180 range. |
| errorcode | COUNT\_NOT\_IN\_RANGE | The page size is not in the range 1-100. |
| errorcode | DISTANCE\_NOT\_IN\_RANGE | Radius is not within the range of 500-5000 meters. |
| errorcode | PAGE\_MUST\_LARGER\_1 | Pages must be greater than 0. |

**Error code description**

**6.Api/add\_content**

**Description:Add a content .**

**Url:**http://scuinfo.com/Api/add\_content

**Method:**POST

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| uid | true | int | For the user’s id |
| content | true | string | For the content, content is within 1-1000 range. |
| longitude | true | double | For this user’s longitude, Longitude is within -180-180 range. |
| latitude | true | double | For this user’s latitude, Latitude is within the range of -90-90. |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| aid | int | The secret id |
| uid | int | The user id |
| longitude | double | For this content’s longitude |
| latitude | double | For this content’s latitude |
| content | char | The secret content |
| time | int | The content create timestamp |
| distance | int | The publisher and the user's distance in meters |
| comments\_count | int | Count of the content’s comments |
| favorites\_count | int | Count of the content’s favorites |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error. |

**7.Api/add\_comment**

**Description:Add a comment.**

**Url:**http://scuinfo.com/Api/add\_comment

**Method:**POST

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| aid | true | int | For the content’s id |
| uid | true | int | For the user’s id |
| content | true | char | For the content, content is within 1-1000 range. |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| cid | int | The comment’s id |
| aid | int | The secret id |
| uid | int | The user id |
| content | char | The comment’s text, content is within 1-1000 range. |
| time | int | The content create timestamp |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return field | Error code | Description |
| errorcode | CONTENT\_NOT\_IN\_RANGE | content is not within 1-1000 range. |

**8.Api/add\_favorite**

**Description:Add a favorite.**

**Url:**http://scuinfo.com/Api/add\_favorite

**Method:**POST

**Request parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameters | Must | Type | Description |
| aid | true | int | For the content’s id |
| uid | true | int | For the user’s id |

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| fid | int | The favorite’s id |
| aid | int | The secret id |
| uid | int | The user id |
| time | int | The content create timestamp |

**9.Api/add\_user**

**Description:creat a user and return his uid.**

**Url:**http://scuinfo.com/Api/add\_user

**Method:**GET

**Request parameters:**

**no.**

**Return description:**

|  |  |  |
| --- | --- | --- |
| Return field | Type | Description |
| status | boolean | True: have result,false:error ,please see error code |
| uid | int | The user id |
| time | int | The user create time |

**Error code description**

|  |  |  |
| --- | --- | --- |
| Return field | Error code | Description |
| errorcode | ADD\_USER\_ERROR | Add user failed |