Java SDK

Ushahidi Java SDK

A Java wrapper for the Ushahidi API. It's simply a Java library that wraps the raw HTTP calls to the Ushahidi APIs. The goal of this SDK is to ease Ushahidi API integration into your applications and to support all the Ushahidi public and admin APIs that are there. For more information on the Ushahidi API, see; https://wiki.ushahidi.com/display/WIKI/Ushahidi+REST+API. The project is hosted on github.com

Building

The Ushahidi Java SDK is built using Apache Ant

Run the following command to build a JAR file of the SDK with all the dependencies.
ant dist

And to compile all the source codes, run
ant compile

Example

Create UshahidiApi object

The UshahidiApi class allows you to access the various task implemented by this SDK through the object you will create.

```
UshahidiApi ushahidi = new UshahidiApi("http://demo.ushahidi.com");

//set credentials for the admin APIs
ushahidi.factory.setUsername("username");
ushahidi.factory.setPassword("password");
```

Fetch all categories

Pull all visible categories that have been submitted to the Ushahidi platform

```
CategoriesTask task = ushahidi.factory.createCategoriesTask();
List<Category> categories = task.all();
```

Attach news article

Add a news article to an existing report

```
TagNewsTask task = ushahidi.factory.createTagNewsTask();
Response response = task.tagNews(4, "http://www.android.com/whatsnew/");
```

Add comment

Add a comment to an existing report. You need to know the report ID to be able to add the comment

```
Comment c = new Comment();
c.setAuthor("Foo Bar");
c.setReportId(64);
c.setDescription("Some sample comments");

CommentFields comment = new CommentFields();
comment.fill(c);
comment.setEmail("foo@bar.com");
CommentsTask task = ushahidi.factory.createCommentsTask();
Response response = task.submit(comment);
```

Submit Report

Submit a new report to the Ushahidi deployment

```
ReportTask task = ushahidi.factory.createReportTask();
Incident i = new Incident();
i.setTitle("test title");
i.setDescription("test desc");
i.setDate(new Date());
i.setLatitude(12.34);
i.setLongitude(56.78);
i.setLocationName("foobar");

ReportFields fields = new ReportFields();
fields.fill(i);
fields.addCategory(7);
fields.addPhotos(new File("/sdcard/photo0.jpg"));
Response response = task.submit(fields);
```

Download

You can download the latest release from the projects github's download page . It has a single Jar file that you can include in your project. https://github.com/ushahidi/Ushahidi_Java/downloads

Javadoc

You can find the Javadoc which contains all the relevant documentation on the classes and the packages in the doc directory found in the root folder of the project.

To generate recent version of the Javadoc, run
ant javadoc

Clean up

To clean up the generated distribution file and Javadoc in the root folder, run
ant clean

How to help

You can help on this project by using the SDK and giving feedback on how to improvement it. Also, you can browse through the issue tracker to find

out which issue you can contribute a fix.