

UICDS Project Final Report: Workproduct Submitter

Project Name: UICDS Work Product Submitter

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High Level Requirements

Develop a GUI-based tool that allows different types of workproducts (Word, PDF, Links, Shapefiles) to be associated to an incident and have the workproducts created. The tool shall be configurable such that the main screen will contain either a “shapefile only” option or allow other content to be associated with an incident and submitted to a core. Key capabilities:

- Configurable – user selects the core with which the adaptor is associated
- GUI lists UICDS incidents
- Use of open file dialog to select file
- File types: .doc, .docx, .pdf, .shp, and http links.
- User selects file, associated incident and then submits to UICDS.

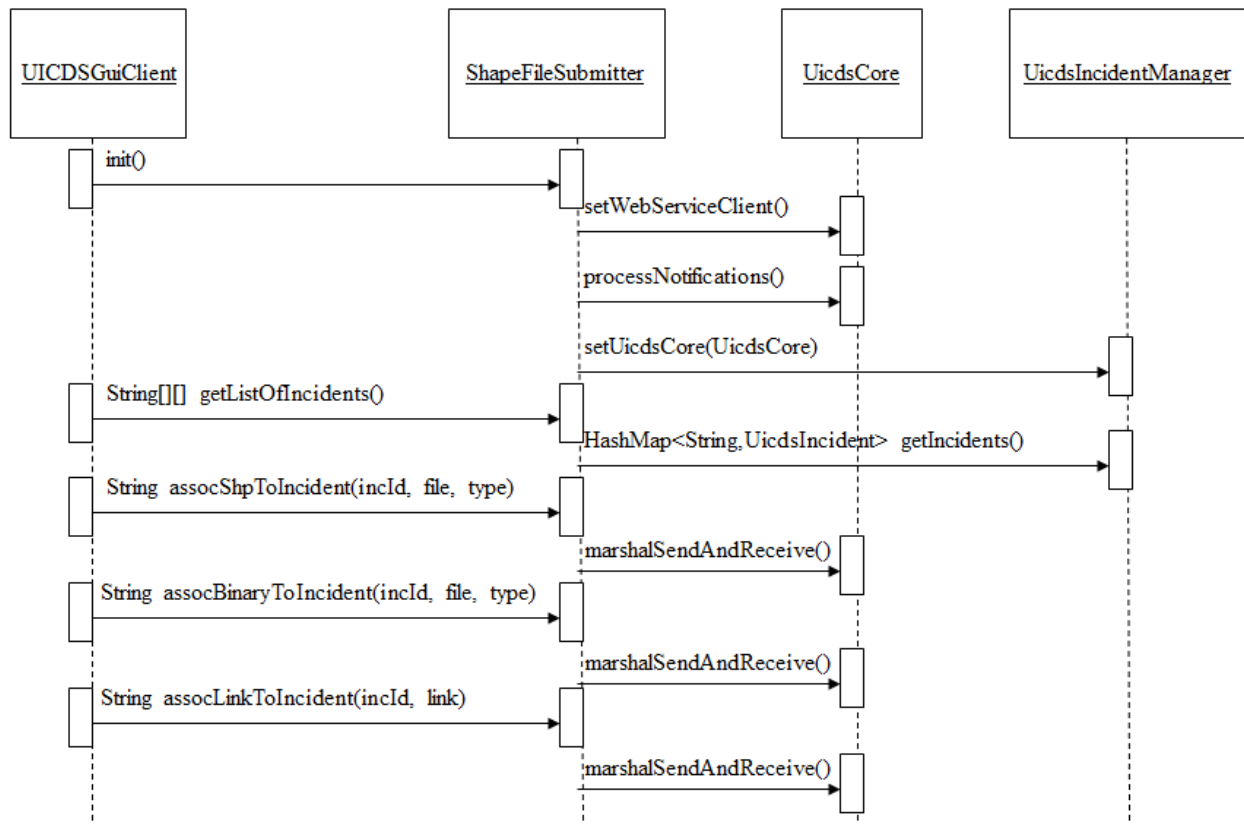
Capability Description

This is a java swing console application. It uses the spring client framework to connect to a core and interact with the core’s services.

UICDSGuiClient.java contains the main() method which creates windows and frames using swing. At startup, the init() method connects to the core and gets all of the incidents and associated work products.

The async code is used to register a UICDS core and use the UicdsIncidentManager to access incidents and workproducts. Specifically, these classes are used.

- com.saic.uicds.clients.em.async.UicdsCore
- com.saic.uicds.clients.em.async.UicdsIncidentManager
- com.saic.uicds.clients.em.async.UicdsIncident



CONOPS

Set Up

1. Install Java
2. Download ShapefileClient.jar
3. Execute from command line:

```
java -jar ShapefileClient.jar -u https://uicds-test2.saic.com/uicds/core/ws/services
-i Brian -p Brian
```

```
Usage: java -jar ShapefileClient.jar [-u <Server URI>] -p <Resource-Profile-ID>
-i <UICDS-ID> -s <Shapefile Only?(boolean)>
```

Operation of Workproduct Submitter

1. Without the “shapefile” flag, the “Submit a Work Product to UICDS” window appears on startup:

Submit a Work Product to UICDS

File Help

UICDS Core Incident List

ID	Name
IG-c51fc80b-41e4-4ef9-805f-e2c13678...	Brian test 3
IG-da1b79ba-626f-44e5-bf6a-ae79488...	Brian test 5
IG-9d1eb383-31cc-4561-841c-a46943...	White's Ferry off cable and adrift
IG-24c5229e-0215-45aa-b153-0c15cd...	Brian test 4
IG-1f53a4f1-c257-4b8e-8c25-6ecd589...	Brian test 1
IG-e758eaaf-5fe6-4ab7-96f7-51a0d33...	Brian test 2
IG-84b87e31-361f-4370-9241-924d06f...	Brian test 5

Refresh

Select Work Product file

Browse

Enter Work Product Link

Add Work Product to Incident

Add

2. The user selects the incident and enters a word doc, pdf, or link:

Submit a Work Product to UICDS

File Help

UICDS Core Incident List

ID	Name
IG-c51fc80b-41e4-4ef9-805f-e2c13678...	Brian test 3
IG-da1b79ba-626f-44e5-bf6a-ae79488...	Brian test 5
IG-9d1eb383-31cc-4561-841c-a46943...	White's Ferry off cable and adrift
IG-24c5229e-0215-45aa-b153-0c15cd...	Brian test 4
IG-1f53a4f1-c257-4b8e-8c25-6ecd589...	Brian test 1
IG-e758eaaf-5fe6-4ab7-96f7-51a0d33...	Brian test 2
IG-84b87e31-361f-4370-9241-924d06f...	Brian test 5

Refresh

Select Work Product file

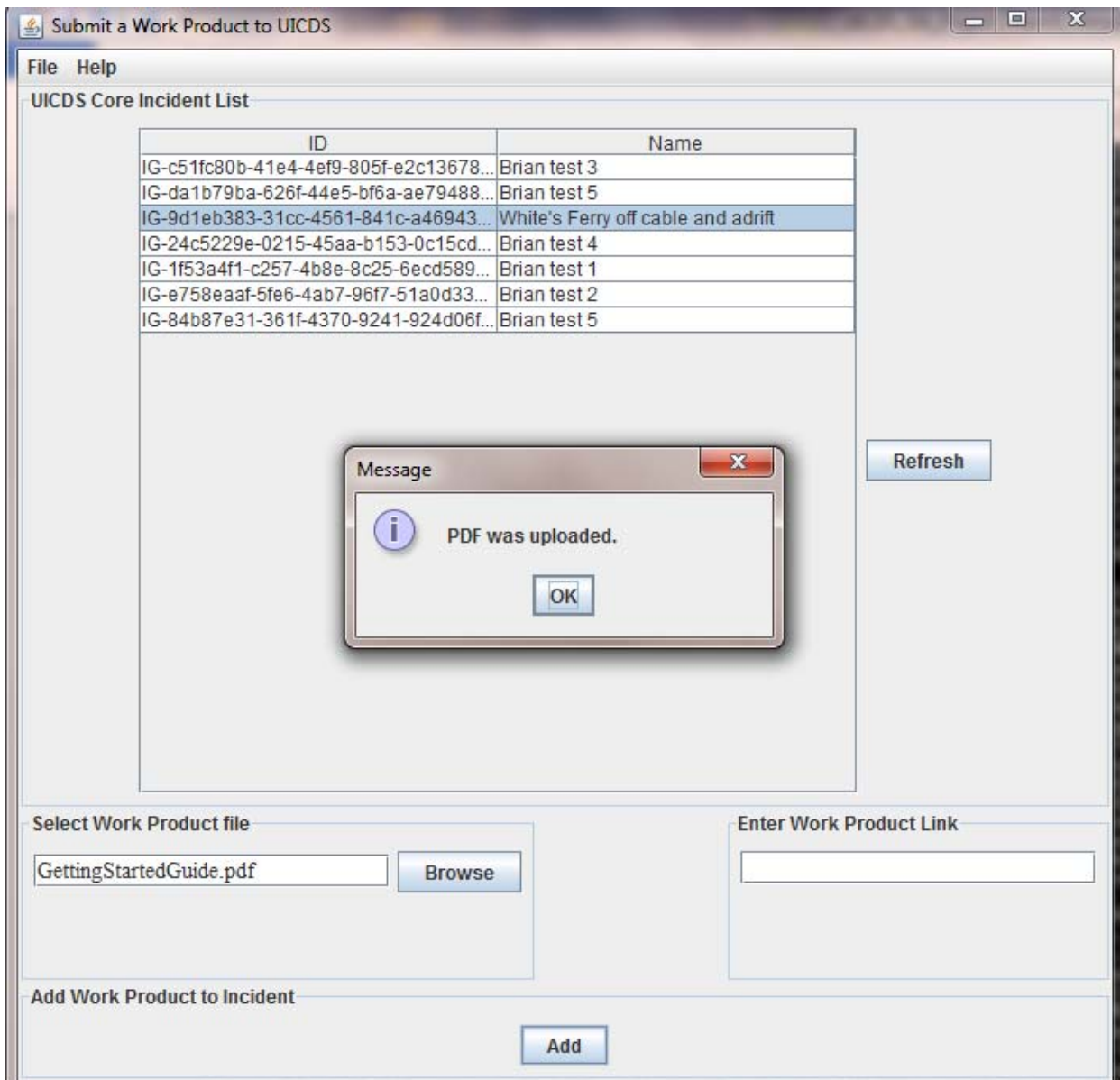
GettingStartedGuide.pdf Browse

Enter Work Product Link

Add Work Product to Incident

Add

3. The user selects Add, and gets confirmation once work product is uploaded.



Operation of Shapefile Submitter

1. With the "shapefile" flag set to "true", the "Submit a Shapefile to UICDS" window appears on startup:

Submit Shapefile to UICDS

File Help

UICDS Core Incident List

ID	Name
IG-c51fc80b-41e4-4ef9-805f-e2c13678...	Brian test 3
IG-da1b79ba-626f-44e5-bf6a-ae79488...	Brian test 5
IG-9d1eb383-31cc-4561-841c-a46943...	White's Ferry off cable and adrift
IG-24c5229e-0215-45aa-b153-0c15cd...	Brian test 4
IG-1f53a4f1-c257-4b8e-8c25-6ecd589...	Brian test 1
IG-e758eaaf-5fe6-4ab7-96f7-51a0d33...	Brian test 2
IG-84b87e31-361f-4370-9241-924d06f...	Brian test 5

Refresh

Select .shz file

Browse

Add Shapefile to Incident

Add

2. The user selects the incident and enters a .shz file:

Submit Shapefile to UICDS

File Help

UICDS Core Incident List

ID	Name
IG-c51fc80b-41e4-4ef9-805f-e2c13678...	Brian test 3
IG-da1b79ba-626f-44e5-bf6a-ae79488...	Brian test 5
IG-9d1eb383-31cc-4561-841c-a46943...	White's Ferry off cable and adrift
IG-24c5229e-0215-45aa-b153-0c15cd...	Brian test 4
IG-1f53a4f1-c257-4b8e-8c25-6ecd589...	Brian test 1
IG-e758eaaf-5fe6-4ab7-96f7-51a0d33...	Brian test 2
IG-84b87e31-361f-4370-9241-924d06f...	Brian test 5

Refresh

Select .shz file

IMAACexample_shape.shz Browse

Add Shapefile to Incident

Add

3. The user selects Add, and gets confirmation once the shapefile is uploaded.

Submit Shapefile to UICDS

File

Help

UICDS Core Incident List

ID	Name
IG-c51fc80b-41e4-4ef9-805f-e2c13678...	Brian test 3
IG-da1b79ba-626f-44e5-bf6a-ae79488...	Brian test 5
IG-9d1eb383-31cc-4561-841c-a46943...	White's Ferry off cable and adrift
IG-24c5229e-0215-45aa-b153-0c15cd...	Brian test 4
IG-1f53a4f1-c257-4b8e-8c25-6ecd589...	Brian test 1
IG-e758eaaf-5fe6-4ab7-96f7-51a0d33...	Brian test 2
IG-84b87e31-361f-4370-9241-924d06f...	Brian test 5

Message

i

Shapefile was uploaded.

OK

Refresh

Select .shz file

IMAAExample_shape.shz

Browse

Add Shapefile to Incident

Add