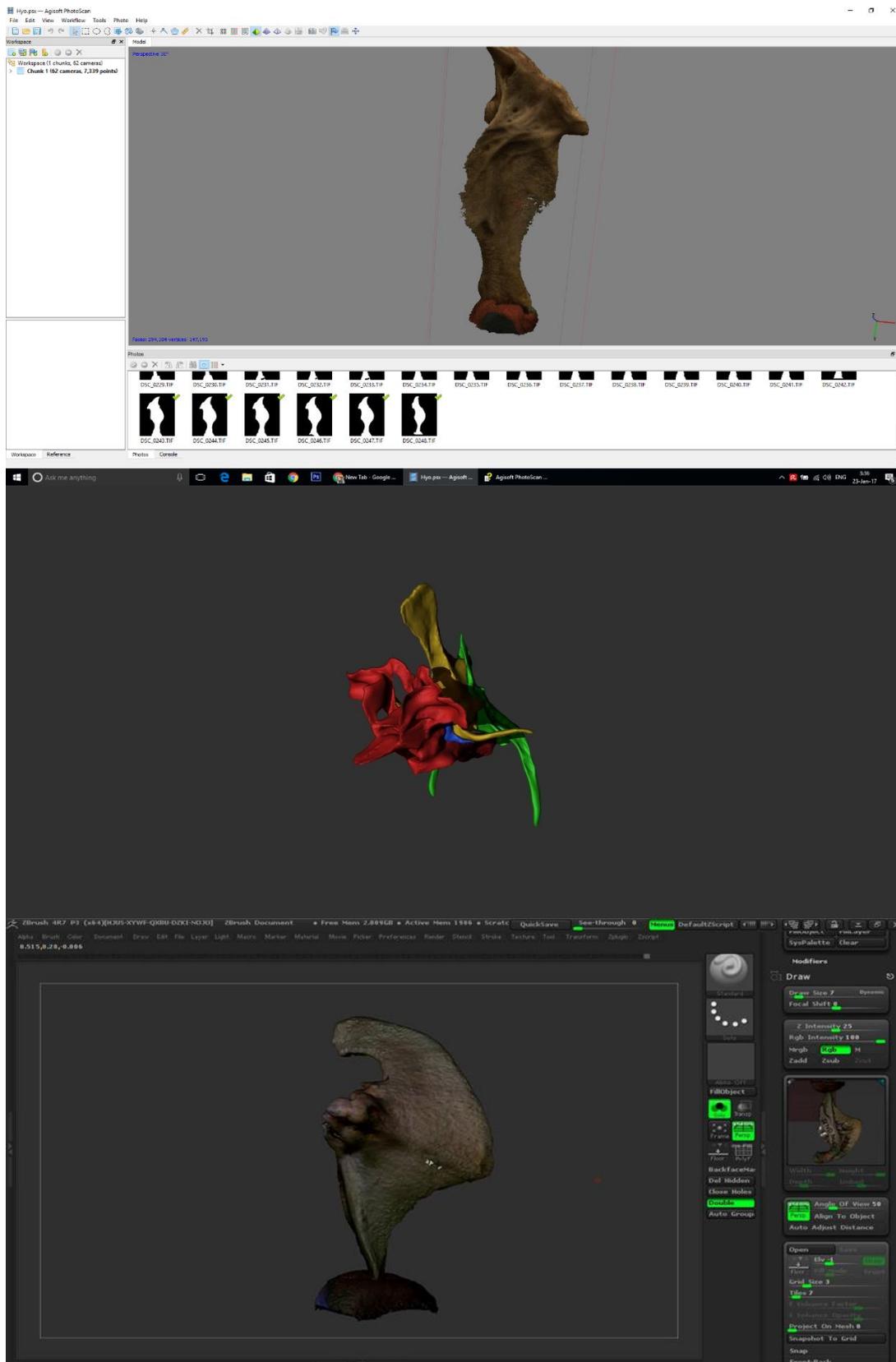


Project Update: September 2017

Photo of Zbrush design of the fish bones and App for mobile phone.



This screenshot shows the initial state of the Android Studio IDE. The central Android emulator displays the splash screen for the 'Otter Tracker' application, which features a green background with a large paw print and the text 'Otter Tracker' and 'Powered by WebServices'. The IDE interface includes the Project Explorer on the left, the Android Monitor at the bottom, and the code editor on the right showing Java code for 'AssociatedData.java'. The status bar at the bottom indicates 'Gradle build finished in 22s, 798ms (a minute ago)'.

This screenshot shows the application after the splash screen. The emulator now displays a login screen with the title 'Otter Tracker'. It contains two input fields labeled 'username' and 'password', a 'LOGIN' button, and a link that says 'No account yet? Create one'. The IDE interface remains the same, with the code editor still open to 'AssociatedData.java'. The status bar continues to show the build completion message.

This screenshot shows the application displaying a list of localities. The emulator screen shows a list with columns for 'id', 'name', and 'lat'. The data rows are: '1340N, 2.345W', '37.421998233333333N, -122.08400000000002W', and '37.421998233333333N, -122.08400000000002W'. The IDE interface is more detailed, showing the 'Project Explorer' on the left with the project structure, the 'Code' editor on the right showing the 'AssociatedDataDaoImpl.java' file, and the 'Console' at the bottom displaying log messages. The status bar shows the build completion message.

workspace - Java EE - outtracker/src/main/java/outtracker/dao/AssociatedDataDaoImpl.java - Eclipse

Project Explorer

- outtracker [outserverenv develop]
- Deployment Descriptor: outtracker
- JAX-WS Web Services
- Java Resources
 - src/main/java
 - outtracker.beans
 - outtracker.config
 - outtracker.dao
 - AquaticHabitatDao.java
 - AquaticHabitatDaoImpl.java
 - AssociatedDataDao.java
 - AssociatedDataDaoImpl.java
 - CrudDao.java
 - CrudDaoImpl.java
 - LocalityDao.java
 - LocalityDaoImpl.java
 - UserDao.java
 - UserDaoImpl.java
 - outtracker.filter
 - outtracker.oauth.config
 - outtracker.service
 - outtracker.util
 - Libraries
 - JavaScript Resources
 - Deployed Resources
 - target
 - src
 - New Text Document.txt
 - nom.xml

Code Editor (AssociatedDataDaoImpl.java):

```

1 package outtracker.dao;
2
3 import java.util.List;
4
5 private
6
7
8
9
10
11
12
13
14
15 @Repository(implementation = AssociatedDataDaoImpl.class)
16 public class AssociatedDataDao {
17
18     private
19
20     @Transactional
21     public Association findAssociation(String name, String description) {
22         return null;
23     }
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27         return null;
28     }
29
30     @Transactional
31     public Association findAssociationById(int id) {
32         return null;
33     }
34
35     @Transactional
36     public void save(Association association) {
37         // ...
38     }
39
40     @Transactional
41     public void delete(Association association) {
42         // ...
43     }
44 }

```

Android Emulator (Nexus_SX_API_22-5554):

Localty

Information on the locality:

Tour date: _____

Name: _____

Description: _____

Coordinates:

Coordinate X: _____

Coordinate Y: _____

SAVE CANCEL

AQUATIC HABITAT ASSOCIATED DATA

Console:

```

07.2017.21.36.33]
- findAllLocality - Result size=4
- Invoking responseBodyAdvice chain for body=outtracker.beans.Localty
- After responseBodyAdvice chain body=outtracker.beans.LocaltyWrapper
- Repository - SecurityContext is empty or contents are anonymous - context
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- RepositoryMethodProcessor - Written [outtracker.beans.LocaltyWrapper@63cf42cf] as
- Servlet - Null ModelAndView returned to DispatcherServlet with name 'dispatcher': a
- Servlet - Successfully completed request
- PersistenceFilter - Chain processed normally
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Android Emulator (Nexus_SX_API_22-5554):

Aquatic Habitat

COMMON COAST THE MAIN IMPACT

Type of water habitat:

- River
- Pond
- Estuary/Saltmarsh
- Marsh
- Coast
- Reservoir
- Lake for fishing
- Canal
- Lake
- Ditch
- Other

Dimensions aquatic habitat:

Water level:

- 0.5 - 1m
- 1 - 2m
- > 2m

Water level:

- Low
- Dry
- Flooding
- Tidal influence
- Normal
- Standing water in pools
- Extremely low
- High
- Other

Console:

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Taskbar: Skype™ - dragana..., outterep - [D]otte..., workspace - Java..., Android Emulator..., 99%, 21:58 09.07.2017

