# 18655 Lab3

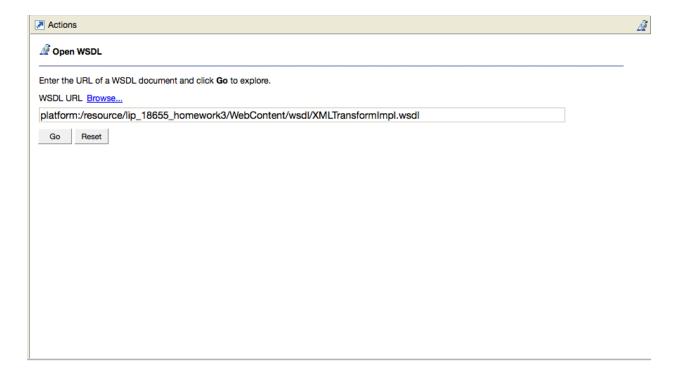
## ScreenShot and Some Result

Part A: Write XML parser to auto generate Java code

You can see this part results in input.xml, style.xsl and output.xml.

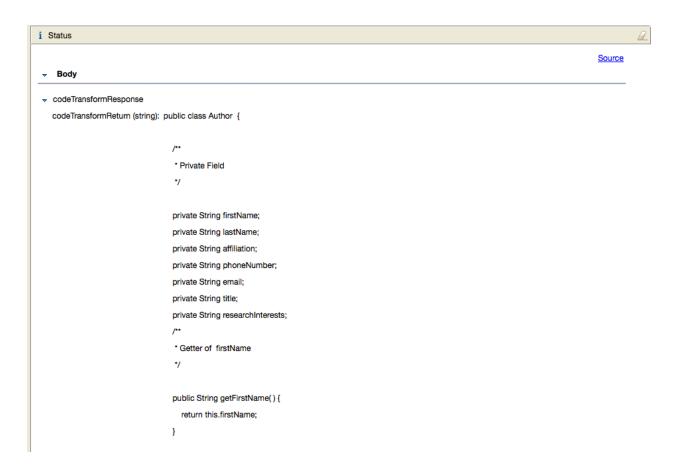
Part B: Develop Web Service Interface and implementation of XML transform.

1.0 Set the Web Service and use it



## 1.1 input the file name.

Notice, if you use Mac OS and want to test service, please put "input.xml" and "style.xsl" in "Applications/Eclipse.app/Contents/MacOS".



```
f* Getter of lastName

'

public String getLastName() {
    return this.lastName;
  }

/**

Getter of affiliation

'

public String getAffiliation() {
    return this.affiliation;
  }

/**

Getter of phoneNumber

'

public String getPhoneNumber() {
    return this.phoneNumber() {
    r
```

```
f* Getter of email

public String getEmail() {
    return this.email;
    }

/**

* Getter of title

public String getTitle() {
    return this.title;
    }

/**

* Getter of researchInterests

public String getTesearchInterests

f*

public String getTesearchInterests() {
    return this.title;
    searchInterests;
}
```

```
/*

*Setter of affiliation

//

public void setAffiliation(String affiliation) {
    this.affiliation = affiliation;
}

/**

*Setter of phoneNumber

//

public void setPhoneNumber(String phoneNumber) {
    this.phoneNumber = phoneNumber;
}

/**

*Setter of email

//

public void setEmail(String email) {
    this.email = email;
}
```

1.2 Develop Java Web Service Client without tool to get the service.

Below is screen shot from Eclipse terminal

### 1.3 Develop Java Web Service Client via wsimport tool

run XMLTransformPublisher.java and in terminal, input "wsimport - keep http://localhost:9999/ws/xmltransformImpl?wsdl" you can generate code for deploy your client

Below is screen shot from Eclipse console terminal

```
## Setter of phoneNumber

* Setter of email

* Setter of email
```

#### Part Bonus:

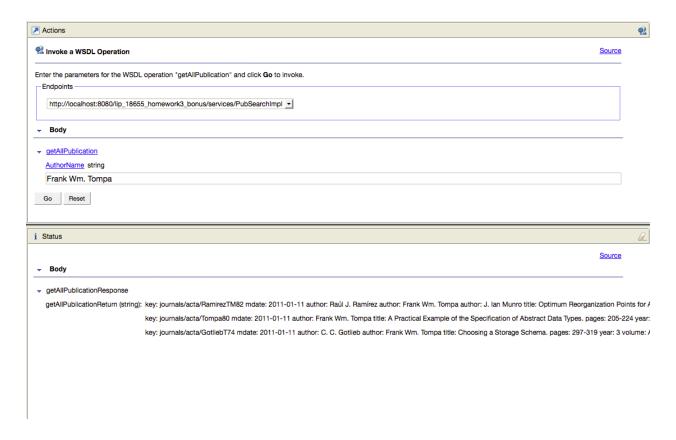
Deploy the Publication Query into published web-service

#### 2.0 Get access to wsdl

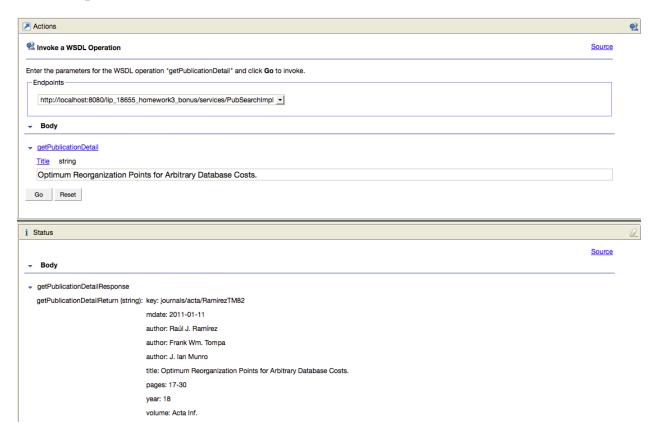


#### Use web browser in localhost for web service

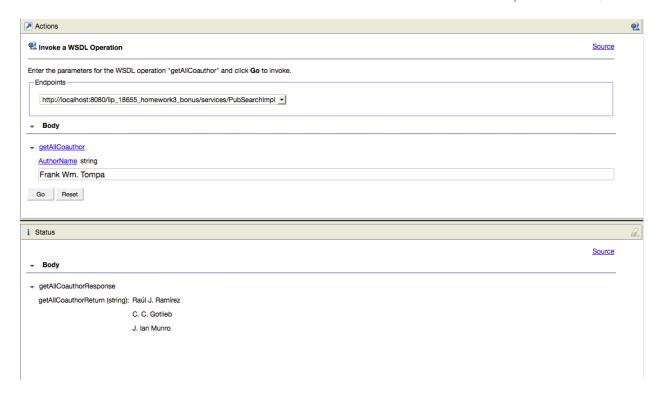
# 2.1 Get all publication from one author



# 2.2 Get publication detail



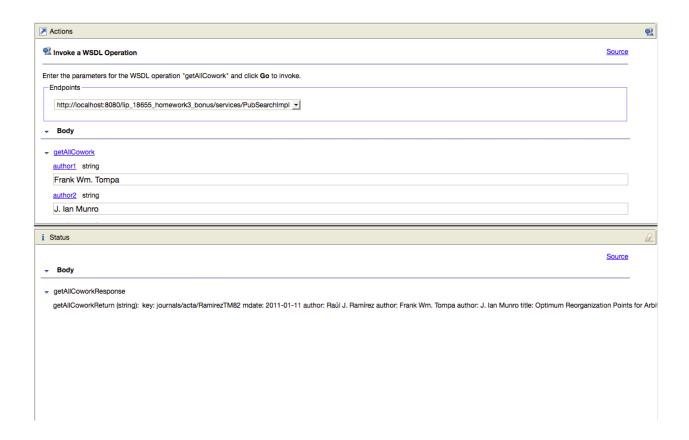
#### 2.3 Get co-author



# 2.4 Keyword Search



#### 2.5 Get all co-work



For publish service and use RPC style client to use service, I develop a client without tool, and below is screen shot from Eclipse console terminal.

