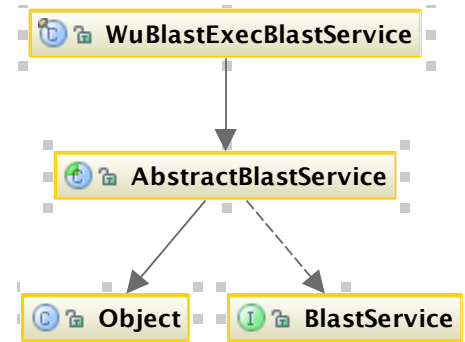


Getting:

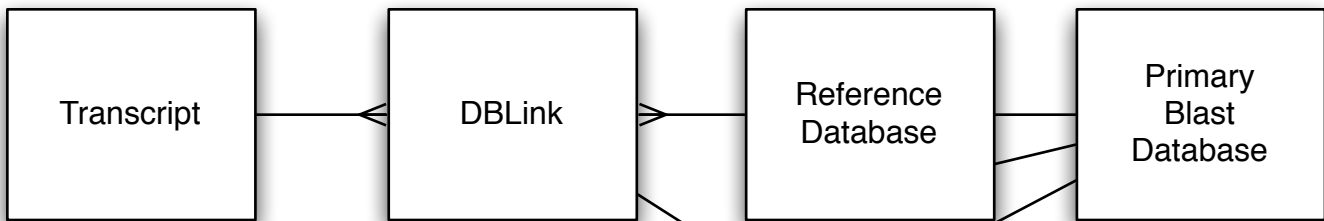
- Get sequence based on dblink through the BlastService interface.

```
List<Sequence> sequences =  
WuBlastExecBlastService.createWuBlastExecBlastS  
ervice().getSequencesForTranscript(transcript,  
DisplayGroup.GroupName.DISPLAYED_NUCLEOTIDE_SEQ  
UENCE);
```

- **Sequence** is a presentation object wrapping a blast sequence with a reference to its DBLink



Powered by yFiles



```
xdget -n /research/zunloads/dev_blastfiles/vega_trans OTTDART0000001234
```

```
public List<Sequence> getSequences(String accession, Database  
blastDatabase, DBLink dbLink ) {
```

```
    List<String> commandList = new ArrayList<String>();  
    commandList.add("/private/apps/wublast/xdget");  
    commandList.add("-" + (blastDatabase.getType()==  
Database.Type.NUCLEOTIDE ? 'n' : 'p' ) );  
    commandList.add(blastDatabase.getFullPath());  
    commandList.add(accession);
```

```
    Process process = Runtime.getRuntime().exec(commands);  
    BufferedReader stderr = new BufferedReader(new  
InputStreamReader(process.getErrorStream()));  
    BufferedReader stdout = new BufferedReader(new  
InputStreamReader(process.getInputStream()));
```

```
    String standardOutput = "";  
    while ((line = stdout.readLine()) != null) {  
        standardOutput += line + "\n";  
    }
```

```
    return parseSequences(standardOutput,dbLink);
```