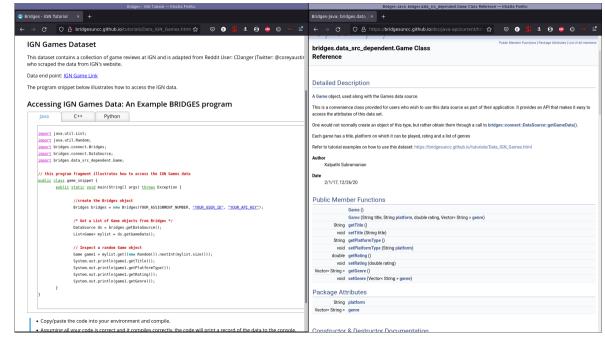
#### What is Possible in BRIDGES?

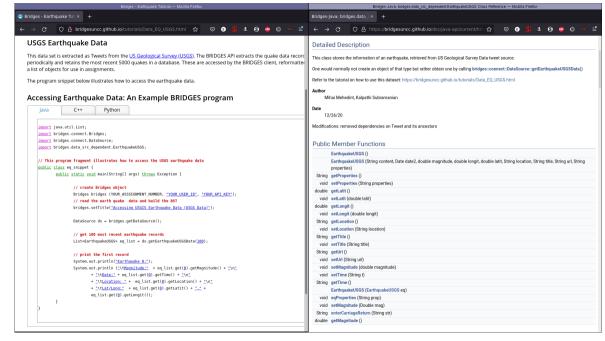
Kalpathi Subramanian<sup>1</sup>, Erik Saule<sup>1</sup>, Jamie Payton<sup>2</sup> krs@uncc.edu, esaule@uncc.edu, payton@temple.edu

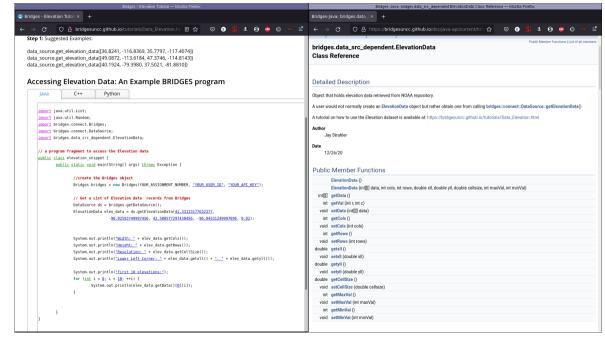
 $^{1}$ The University of North Carolina at Charlotte  $^{2}$ Temple University

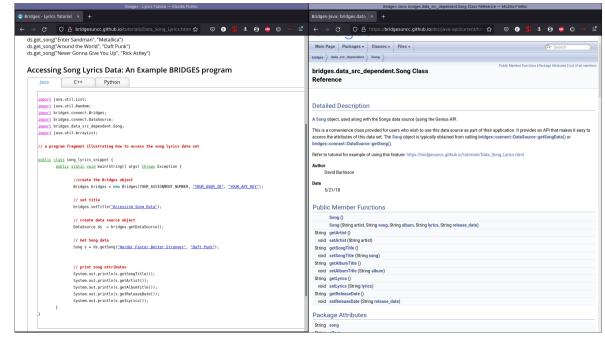
BRIDGES Workshop, June 24-26, 2024

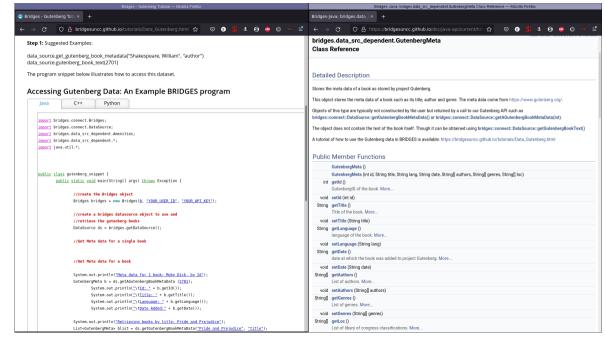
# Table of Contents

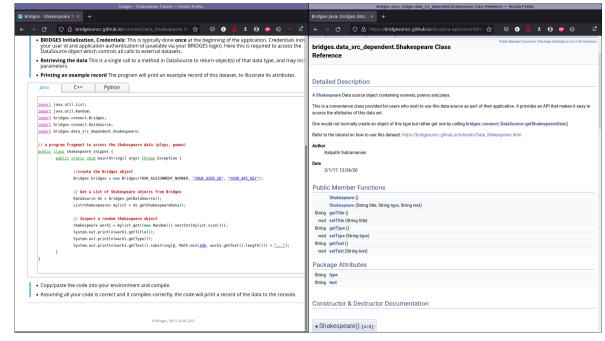


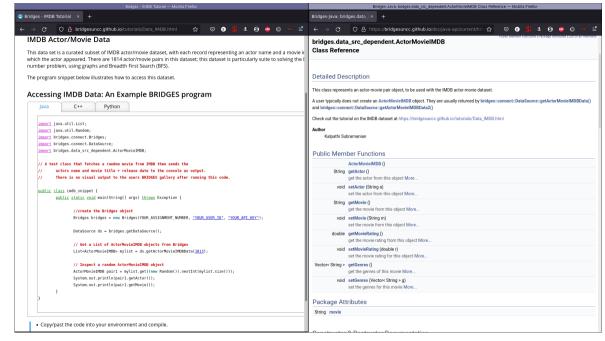


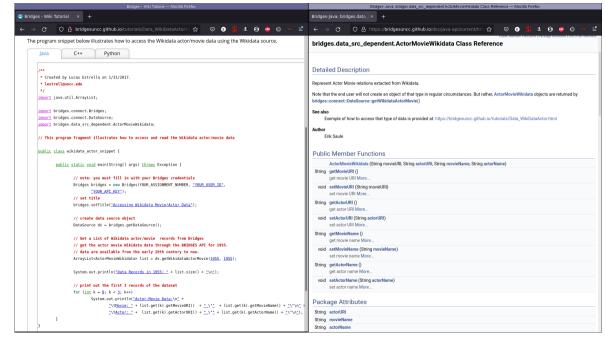


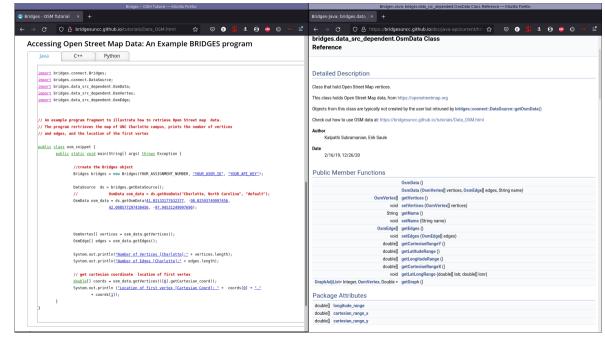


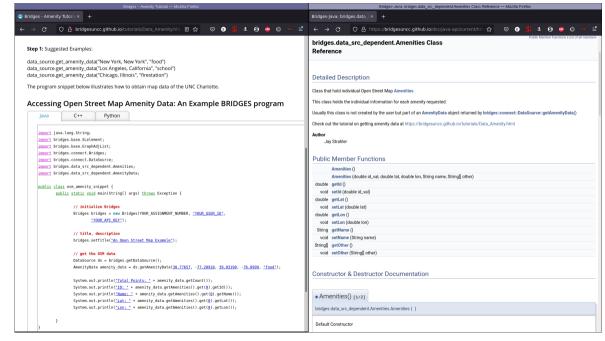












#### Reddit

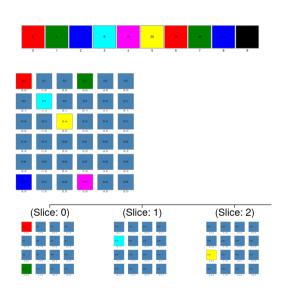
```
A reddit object representing a reddit post, used along with the reddit data source.
import java.util.ArrayList;
                                                                                                                                            This is a convenience class provided for users who wish to use this data source as part of their application. It provides an API that makes it easy to access the attributes of this data set
import bridges.connect.Bridges;
import bridges.connect.DataSource:
                                                                                                                                            This chief is constally not constall by the year to one how its constall chief out bridges where yet dependent where courses would detect
import bridges, data src dependent, Reddit;
                                                                                                                                            For an example, check out https://bristoscoper.oithch.indutorials/Data_Backit html
                                                                                                                                                 Erik Sanda Jay Strabbar
// This program fragment illustrates how to access the reddit data
                                                                                                                                                12/12/22
public class reddit_snippet {
          public static void main(String[] args) throws Exception {
                                                                                                                                            Public Member Functions
                                                                                                                                             del init (self. id=0, title=", author=", score=0, vote ratio=0,0 comment count=0, subreddit=", post time=0, url=", text=")
                     // create Bridges object
                                                                                                                                             def id (self)
                     Bridges bridges = new Bridges (YOUR ASSSIGNMENT NUMBER, "YOUR USER ID", "YOUR API KEY"):
                                                                                                                                                return id of the reddit nost More.
                                                                                                                                             def (d (self. i)
                     DataSource ds = bridges.getDataSource():
                                                                                                                                             dof title (self)
                                                                                                                                                 return the title of the revisit post More.
                                                                                                                                             def title (self. i)
                     ArrayList<String> subreddits = ds.getAvailableSubreddits();
                                                                                                                                             del_euthor (self)
                                                                                                                                                 return the author of the rackst post More.
                     // get some data from the "Ask Science" subreddit
                                                                                                                                             def author (self. i)
                                                                                                                                             def score (set)
                     ArrayList<Reddit> reddit_posts = ds.getRedditData("askscience");
                                                                                                                                                 return the score (unvertex-downwates) of the redist post More
                     for (Reddit r: reddit posts) {
                                                                                                                                             def score (self. i)
                          System.out.println("ID: "+r.getID());
                                                                                                                                             def vote ratio (self)
                          System.out.println("Title: "+r.getTitle());
                                                                                                                                                 ratio of amonto to downwater of the saddl post More
                          System.out.println("Author: "+r.getAuthor());
                                                                                                                                             dot vote ratio (sett.))
                          System.out.println("Score: "+r.getScore());
                                                                                                                                             del comment count (self)
                                                                                                                                                 number of comments on that saddle post More
                          System.out.println("VoteRatio: "+r.getVoteRatio());
                                                                                                                                             del comment count (self. i)
                          System.out.println("CommentCount: "+r.getCommentCount());
                                                                                                                                             def_subreddit(self)
                          System.out.println("Subreddit: "+r.getSubreddit()):
                                                                                                                                                 name of the subreddt the post appeared in More.
                          System.out.println("PostTime: "+r.getPostTime());
                                                                                                                                             def_subreddit (self, i)
                                                                                                                                             def post time (self)
                          System.out.println("URL: "+r.getURL());
                                                                                                                                                 time the post was made (UNIX time) More.
                          System.out.println("Text: "+r.getText()):
                                                                                                                                             def post time (self, i)
                          System.out.println(""):
                                                                                                                                             def url (self)
                                                                                                                                                 URL associated with the post. More...
                                                                                                                                             def url (sett.))
                                                                                                                                             def text (self)
                                                                                                                                                 returns the text of the reddit post. More.
                                                                                                                                             def text (self, i)
```

Detailed Description

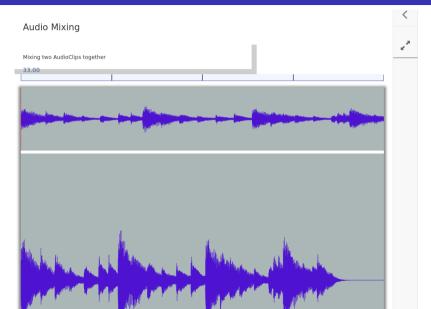
# Table of Contents

### Arrays

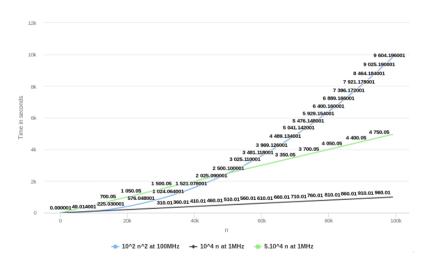




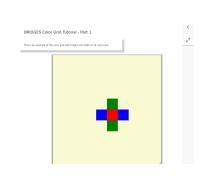
# AudioClip



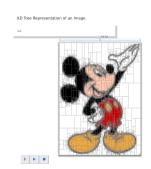
#### LineChart



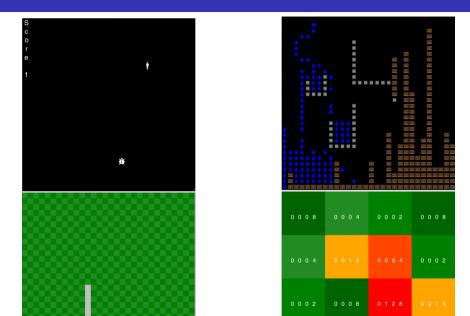
### ColorGrid



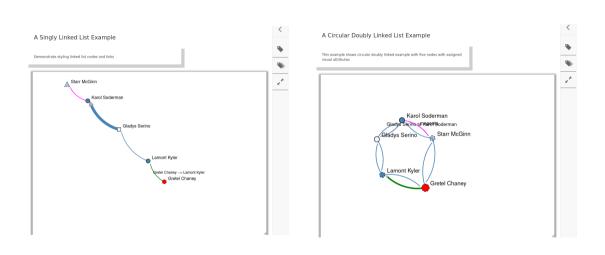




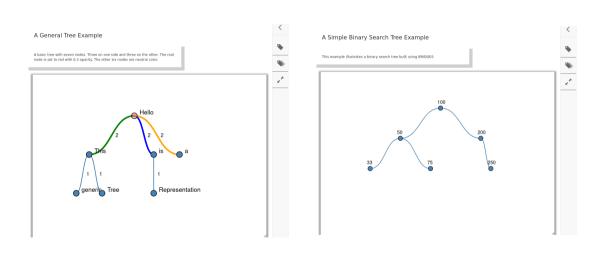
# Games



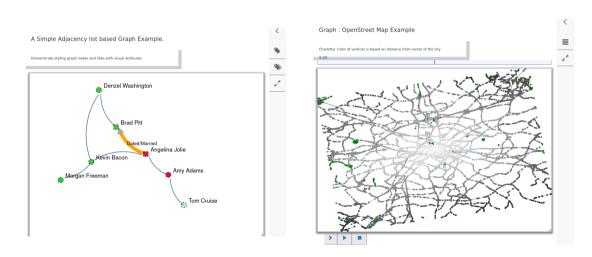
#### Linked List



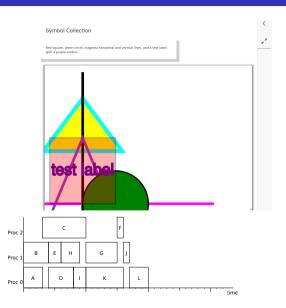
#### Trees

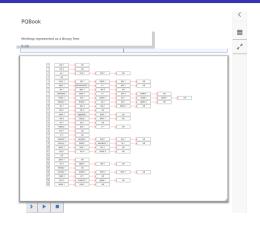


### Graphs



## Shape Collection





# Table of Contents

### Assignment Repository

Structured by course and topics: [BRIDGES Assignments]