PROGRESS ON DANA OPTIMISATION.

When I tried to run the DANA program, it had few errors, which I fixed by doing the following changes:

```
* Function designed to add a span around the text in case we want to hide some of the details

* when pressing the see more/see less buttons.

* @param inputText

* @return

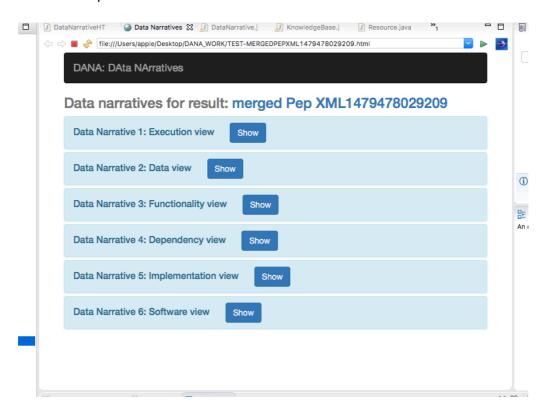
*/
private static String hideText(String inputText){
    return "<span class=\"see\"s"+inputText+"</span>";
}

public static void main (String ☐ args){
    // EXAMPLES FOR THE WEB ANALYTICS SHOWCASE DOMAIN

//DETECT TOPICS WORKFLOW

String workflowExecutionURI="http://www.opmw.org/export/4.0/resource/WorkflowExecutionAccount/ACCOUNT-DETECTTOPICS-7A1-BF5CF914-816C-4845-AF79-A56672C4
String workflowTemplateVRI="http://www.opmw.org/export/4.0/resource/WorkflowTemplate/DETECTTOPICS-D751713988987E9331980363E24189CE";
String doifile = "examples//highlyConnectedDrugs//doiAnnotations.ttl";
String motifAnnotations = "examples//highlyConnectedDrugs//motifAnnotations.ttl";
String ontoSoftFile = null;
DataNarrativeContext dsc = new DataNarrativeContext (workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativedTomLoserializer.dataNarrativeContext(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativedTomLoserializer.dataNarrativeContext(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativedTomLoserializer.dataNarrativeContext(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativeHTMLSerializer.dataNarrativeContext(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativeHTMLSerializer.dataNarrativeContext(workflowExecutionURI, workflowTemplateURI);
```

Which then produced the result of:



Then, I tried to make it run for the K-CAP(VARIANT CALLING RESQUENCING), the example I am working on, by getting the required input links from the workflow explorer:

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Find • A
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                                                  //ADRESS PROBLEMATIC USERS
                                                 //ADRESS PROBLEMATIC USERS
workflowExecutionURL="http://www.opmw.org/export/4.8/resource/WorkflowExecutionAccount/ACCOUNT-ADDRESSPROBLEMAT-40285D81-78C6-4913-BE9D-89AC50816161";
workflowTemplateURL="http://www.opmw.org/export/4.8/resource/WorkflowTemplate/ADDRESSPROBLEMATICUSERS-0751713988987E9331980363E24189CE";
resultURL="http://www.opmw.org/export/4.8/resource/WorkflowExecutionArtifact-fromTemplateURL33562";
DatoNarrativeContext gg = new DatoNarrativeContext(workflowExecutionURL1, workflowTemplateURL1, doiFile, motifAnnotations, ontoSoftFile);
DatoNarrativeImLSerializer.datoNarrativeContext(workflowExecutionURL1, workflowTemplateURL1, doiFile, motifAnnotations, ontoSoftFile);
DatoNarrativeImLSerializer.datoNarrativeFoImML(d, "ADDRESS-FILTEREDDOCUMENT114759813333362.html");
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                                                 //TRENDING WORDS VISUALIZATION
workflowExecutionURL="http://www.opmw.org/export/4.8/resource/WorkflowExecutionAccount/ACCOUNT-TRENDINGWORDSVIS-9E34FF2A-1998-4BC8-B6D2-BBFB7212A562";
workflowTemplateURL="http://www.opmw.org/export/4.8/resource/WorkflowTemplateURLTAITION-D751713988987E9331980363E24189CE";
workflowTemplateURL="http://www.opmw.org/export/4.8/resource/WorkflowExecutionArtifact/TMAGE1475981286809";
DataNarrativeContext gg = new DataNarrativeContext(workflowExecutionArtifact/TMAGE1475981286809";
DataNarrativeContext gg = new DataNarrativeContext(workflowExecutionURL, workflowTemplateURL, doiFile, motifAnnotations, ontoSoftFile);
DataNarrativeHTMLSerializer.dataNarrativeContext(workflowExecutionURL);
DataNarrativeHTMLSerializer.dataNarrativeItfML(d, "TRENDING-IMAGE1475981286849.html");
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Connect to yo
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p://www.opmw.org/export/omics/resource/WorkflowTemplate/PEPTIDE_SEARCH-D751713988987E9331980363E24189CE";
nw.org/export/omics/resource/WorkflowExecutionArtifact/MERGEDPEPXML1479478029209";
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S dataNar
                                                 //TEST VARIANT CALLING RESQUENCING
workflowExecutionURI="http://www.opmw.org/export/omics/page/resource/WorkflowExecutionAccount/ACCOUNT-VARIANTCALLING_R-4728670A-2813-4868-A2A7-BA72D0CDF
workflowTemplateURI="http://www.opmw.org/export/omics/page/resource/WorkflowTemplateVARIANTCALLING_RESEQUENCING-0751713988987E9331980363E24189CE";
resultURI="http://www.opmw.org/export/omics/page/resource/WorkflowExecutionArtifact/FILINGE3223";
DataMarrativeContext dc = new DataMarrativeContext(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataMarrativeContext dc = new DataMarrative(context(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataMarrativeContext dc = new DataMarrative(context(workflowExecutionURI, workflowTemplateURI, doiFile, motifAnnotations, ontoSoftFile);
DataMarrativeMTMLSerializer.dataMarrativeContext(workflowExecutionURI, workflowTemplateURI);
DataMarrativeMTMLSerializer.dataMarrativeContext(workflowExecutionURI)

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  <terminated> DataNarrativeHTMLSerializer [Java Application] /Library/Java/JavaVirtualMachines/jdk-9.0.4.jdk/Contents/Home/bin/java (29-Jan-2018, 12:27:45 PM)
```

When I tried to run this, it is giving me the following error:

```
Creating Knowledge base...
logd; % (terminated DataNarrativeHTMLSerializer
logd; % (through Application) (Library/Java/
logd; % JavaVirtualMachines/jdx-9.0.4.jdx(Contents)
lo
```

I am trying to debug and understand the SPARQL.

```
private final KnowledgeBase kb;
private final DataNarrativeContext context;
private Resource result; //result to track, i.e., the subject of the narrative.

public DataNarrative(DataNarrativeContext context, String resultURI) {
    this.context = context;
    //normally it would be created from the context; this is a test.
    //kk = new KnowledgeBase("C:\NJsers\\dgar.ije\\DropNbox (DEG-UPM)\\NetBeansProjects\\DatNarratives\\kb.ttl");
    kb= new KnowledgeBase(context);
    //end test
    this.result = new Resource(resultURI, resultURI);
    //system.out.println("result"+this.result);
    System.out.println("result"+this.result" +this.getValueForProperty(result, Constants.RDFS_LABEL));
    result.setName(this.getValueForProperty(result, Constants.DFM_LOCATION));
}

public Resource getResult() {
    return result;
}

public DataNarrativeContext getContext() {
    return context;
}

public KnowledgeBase getKb() {
    return kb;
```

I also met Shreyas, to work on the Feedback System.