

PAX Problem in Gate Api

Submitted by Anonymous on Wed, 2010-10-06 02:51

- [Semantic Software Tools and Resources](#) [1]

Hi Gate,

I am writing a simple code for extracting predicate and arguments structures using MultiPaX(plugin).
I have tried to get it to run, but it has error which is originated from pipeline.execute();
I checked user mail archive but i couldn't find the answers which bring me on.

I tried it with GUI and it worked. I saved the processes as gapp file, but couldn't run it again in java api.

Is there anyone who can help me?
source code is attached:

```
public class Gtest {
/**
 * @param args
 */
@SuppressWarnings("deprecation")
public static void main(String[] args) throws GateException, IOException, ExecutionException{
Gate.init();
Corpus corpus = Factory.newCorpus("testCorpus");
File directory = new File("C:\\Documents and Settings\\Bonavision\\My Documents\\util1.0\\GateUebung1");

File docFile = new File("abc.txt");
Document doc = Factory.newDocument(docFile.toURL());
corpus.add(doc);

Gate.getCreoleRegister().registerDirectories(
new File(Gate.getPluginsHome(),"ANNIE").toURI().toURL()
);
Gate.getCreoleRegister().registerDirectories(
new File(Gate.getPluginsHome(),"Parser_Stanford").toURI().toURL()
);

Gate.getCreoleRegister().registerDirectories(
new File(Gate.getPluginsHome(),"MultiPaX-1.2").toURI().toURL()
);

Gate.getCreoleRegister().registerDirectories(
new File(Gate.getPluginsHome(),"Tools").toURI().toURL()
);

ProcessingResource sp = null;
sp = (ProcessingResource) Factory.createResource("gate.creole.splitter.SentenceSplitter");

ProcessingResource tok = null;
tok = (ProcessingResource) Factory.createResource("gate.creole.tokeniser.DefaultTokeniser");
```

```
ProcessingResource tagger = null;
tagger = (ProcessingResource) Factory.createResource("gate.creole.POSTagger");

ProcessingResource morphor = null;
morphor = (ProcessingResource) Factory.createResource("gate.creole.morph.Morph");

ProcessingResource parser = null;
parser = (ProcessingResource) Factory.createResource("gate.stanford.Parser");

FeatureMap params = Factory.newFeatureMap();
params.put("parserASName", "stanford");

ProcessingResource paExtractor = null;
paExtractor = (ProcessingResource) Factory.createResource("info.semanticsoftware.multiPaX.MultiPaX",params);

SerialAnalyserController pipeline = (SerialAnalyserController) Factory.createResource("gate.creole.SerialAnalyserController");
pipeline.add(sp);
pipeline.add(tok);
pipeline.add(tagger);
pipeline.add(morphor);
pipeline.add(parser);
pipeline.add(paExtractor);

pipeline.setCorpus(corpus);
pipeline.execute(); // from here the error message is originated

String docXmlString = null;

docXmlString = doc.toXml();

System.out.print(docXmlString);

}
}
```

[◀ owlexporter plugin creation problem](#) [2] [MultiPaX and RASP wrapper script? ▶](#) [3]



[4]

StatusListener issue

Submitted by rene on Wed, 2010-10-06 20:57.

Hi,

Please check if this is the same issue as reported here: <http://www.semanticsoftware.info/forum/multipax-null-pointer-exception> [5]

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Source URL (retrieved on 2025-12-24 08:21): <https://www.semanticsoftware.info/forum/pax-probelm-gate-api>

Links:

- [1] <https://www.semanticsoftware.info/forums/tools-resources-forum/durm-corpus-wiki-tools>
- [2] <https://www.semanticsoftware.info/forum/owlexporter-plugin-creation-problem>
- [3] <https://www.semanticsoftware.info/forum/multipax-and-rasp-wrapper-script>
- [4] <https://www.semanticsoftware.info/users/rene>
- [5] <http://www.semanticsoftware.info/forum/multipax-null-pointer-exception>