

Teaplet Weekly Progress, 31.03.2011

We continued working as we did last week:

- Tried to construct an hierarchical view of the output .xml file of JavaML in the memory.
- Tried to automatize generating objects in the class with Java Reflection API instead of basic if-else clauses.

```
        // Get the "startElement" tag from the default parser.
// Create a new instant from the name of the class
// Push the object to a stack

        Class headClass = Class.forName("ajcon.custom.util.elements.CClass");
        Object retHeadClass = headClass.newInstance();

// New instance created,
// TODO: Push to the stack
// Set the attributes of the class with Java Reflection API

Class headClassArguments[] = new Class[1];
headClassArguments[0] = Class.forName("java.lang.String");
Method headClassSetNameMethod = headClass.getMethod("setName", headClassArguments);
Object setNameArgList[] = new Object[1];
setNameArgList[0] = new String("FirstTest");
headClassSetNameMethod.invoke(retHeadClass,setNameArgList);

// Attributes are setted, finished
// Another tag received from the parser, i have the last object in the stack
        // Try to invoke a method declared in the class

Method headClassGetNameMethod = headClass.getMethod("getName");
Object retobj = headClassGetNameMethod.invoke(retHeadClass);
String retval = (String)retobj;

// Test the result of the invoke operation

System.out.println(retobj);
...
- Website updated. Reports and documents are put on the site.
```