Atitit 命令行dsl转换ast

import java.lang.reflect.InvocationTargetException;

import java.util.List;

import org.apache.commons.cli.CommandLine;

import org.apache.commons.cli.CommandLineParser;

import org.apache.commons.cli.DefaultParser;

import org.apache.commons.cli.Options;

import org.apache.commons.cli.ParseException;

import org.apache.commons.lang3.reflect.ConstructorUtils;

import org.apache.commons.lang3.reflect.MethodUtils;

import com.alibaba.fastjson.JSON;

import com.attilax.ast.ClassInstanceCreation;

import com.attilax.ast.Expression;

import com.attilax.ast.MethodInvocation;

import com.attilax.ast.SimpleName;

import com.attilax.core.astExpressInterpreter;

import com.attilax.parser.Token;

import com.attilax.ref.refServiceV2s530;

import com.google.common.collect.Lists;

//com.attilax.ref.methodRunnerByclassfile

@SuppressWarnings("all")

public class methodRunnerV2Ast {

// 、、C:\0wkspc\webdavroot\bin\EmbeddedTomcat.class

// -cpx "C:\\0wkspc\\webdavroot\\bin" jardir

// "C:\\0wkspc\\webdavroot\\libtomcart" -class EmbeddedTomcat -method

// openWebdav -paramtypes 'str,int' -arguments "C:\\0wkspc" 1315

// -cpx "C:\\0wkspc\\webdavroot\\bin" -jardir

// "C:\\0wkspc\\webdavroot\\libtomcart" -class EmbeddedTomcat -method

// openWebdav -paramtypes 'str,int' -arguments "C:\\0wkspc" 1315

public static void main(String[] args) throws NoSuchMethodException, IllegalAccessException,

InvocationTargetException, ParseException, InstantiationException {

Options options = new Options();

options.addOption("cpx", true, "class folder path.");

options.addOption("jardirx", true, "jardir.");

options.addOption("class", true, "class need.");

options.addOption("method", true, "method need.");

options.addOption("paramtypes", true, "paramtypes need.");

options.addOption("arguments", true, "arguments need.");

options.addOption("none", false, "class need.");

options.addOption("new", false, "class need.");

options.addOption("conparamtypes", true, "class need.");

options.addOption("conargs", true, "class need.");

CommandLineParser parser = new DefaultParser(); // new GnuParser();

CommandLine CommandLine1 = parser.parse(options, args);

String cpx = CommandLine1.getOptionValue("cpx");

// if (cmd.hasOption("dir"))

// String

// classfile="C:\\0wkspc\\ftpserverati\\WebContent\\WEB-INF\\classes\\com\\attilax\\util\\clsNodep.class";

String clsname = CommandLine1.getOptionValue("class");

String jardir = CommandLine1.getOptionValue("jardirx");

refServiceV2s530.loadJarFromDirtrave(jardir);

refServiceV2s530.loadclass( cpx);

MethodInvocation mi=new MethodInvocation();

Expression miexp;

if (CommandLine1.hasOption("new")) {

ClassInstanceCreation cic=new ClassInstanceCreation();

cic.jsonname="ClassInstanceCreation";

cic.name=clsname;

cic.arguments= get\_con\_paramsList(CommandLine1);

miexp=cic;

} else

{

SimpleName sn=new SimpleName(clsname);

miexp=sn;

}

mi.Exp=miexp;

mi.Name= CommandLine1.getOptionValue("method");

mi.arguments=getParams(CommandLine1);

mi.jsonname="MethodInvocation";

System.out.println(JSON.toJSONString(mi,true));

Object interpret\_rzt = new astExpressInterpreter().interpret(mi);

System.out.println("rzt:" + interpret\_rzt);

// mi.

System.out.println("--f");

}

private static List getParams(CommandLine cmd ) {

List<Object> paramsList = Lists.newArrayList();

if( cmd.hasOption("arguments") )

{

String arguments = cmd.getOptionValue("arguments");

String paramtypes = cmd.getOptionValue("paramtypes");

String[] a = arguments.split(",");

int n = 0;

for (String string : a) {

Object p = refServiceV2s530.getArg(string, n, paramtypes.split(","));

paramsList.add(p);

n++;

}

}

return paramsList;

}

private static List get\_con\_paramsList(CommandLine cmd) {

if (cmd.hasOption("conargs")) {

List con\_paramsList ;//= get\_con\_paramsList();

return Lists.newArrayList();

} else

return Lists.newArrayList();

}

}