

jmeter 自定义函数教程

代码具体如下，生成 jar 放到 lib\ext 目录下即可。

/*代码路径中，一定要放在 functions 目录中，否则 jmeter 会识别自定义函数失败*/

/*<http://blog.csdn.net/xrezento/article/details/48622019>*/

```
package interfacePerformance.functions;
```

```
import java.util.Collection;
```

```
import java.util.LinkedList;
```

```
import java.util.List;
```

```
import org.apache.jmeter.engine.util.CompoundVariable;
```

```
import org.apache.jmeter.functions.AbstractFunction;
```

```
import org.apache.jmeter.functions.InvalidVariableException;
```

```
import org.apache.jmeter.samplers.SampleResult;
```

```
import org.apache.jmeter.samplers.Sampler;
```

```
public class double2 extends AbstractFunction {
```

```
    // private static final Logger log = LogManager.getLoggerForClass();
```

```
    private static final List<String> desc = new LinkedList<String>();
```

```
    /* KEY 要和类名一致，否则无法识别自定义函数 */
```

```
    private static final String KEY = "__double2";
```

```
    private Object[] values = null;
```

```
    static {
```

```
        desc.add("double2_value");
```

```
    }
```

```
    // 描述参数
```

```
    @Override
```

```
    public List<String> getArgumentDesc() {
```

```
        // TODO Auto-generated method stub
```

```
        return desc;
```

```
    }
```

```
    // 函数执行，返回结果
```

```
    @Override
```

```
    public String execute(SampleResult previousResult, Sampler currentSampler) throws
```

```
InvalidVariableException {
```

```
    // TODO Auto-generated method stub
```

```
    String numberString = ((CompoundVariable) values[0]).execute().trim();
```

```
    int num;
```

```
    try {
```

```

        num = Integer.valueOf(numberString);
    } catch (Exception e) {
        return null;
    }
    /* 默认返回 String 类型 */
    /* num*2 为业务代码 */
    return String.valueOf(num * 2);
}

// 获取函数引用关键字
@Override
public String getReferenceKey() {
    // TODO Auto-generated method stub
    return KEY;
}

// 设置参数
@Override
public void setParameters(Collection<CompoundVariable> parameters) throws
InvalidVariableException {
    // TODO Auto-generated method stub
    // 可以检查参数数量，主要包括以下两种方法
    checkMinParameterCount(parameters, 1);
    checkParameterCount(parameters, 1, 1);
    values = parameters.toArray();
}
}

```