

How to - general example of the use of BackendMarker

Sergio Morales

Principal Support Engineer

CA Technologies

Morse06@ca.com

Last updated: May, 2013

1. Source code of HelloWorld DummyAgent:

```
import java.util.*;
import java.text.*;

public class ProbedHelloWorld {

    SimpleDateFormat sdf_ = new SimpleDateFormat();
    Date date_ = new Date();

    public ProbedHelloWorld() throws Exception {
        Thread.sleep(1000);

        Properties prop = System.getProperties();
        prop.list(System.out);

        while (true) {
            callA(1000);
        }
    }

    public void callA(long time) throws Exception {
        date_.setTime(System.currentTimeMillis());

        // Write to stdout at the specified interval (time) to notify user that this program is
        // still running. Data from Wily agent to Enterprise Manager DOES NOT depend on this interval
        System.out.println(sdf_.format(date_) + " Still running...");

        Thread.sleep(time);
    }

    public static void main(String args[]) throws Exception {
        new ProbedHelloWorld();
    }
}
```

2. Create a custom PBD: HW.pbd

TurnOn: MyCustomTracerGroup

SetFlag: MyCustomTracerGroup

IdentifyClassAs: ProbedHelloWorld MyCustomTracerGroup

IdentifyInheritedAs: ProbedHelloWorld MyCustomTracerGroup

TraceOneMethodOfClass: ProbedHelloWorld callA BackendMarker "{classname}||{method}"

3. Start JVM

4. Result in Investigator:

