

## Program

```
Public bar() {  
  ...  
  i =  
  c.iterator();  
  ...  
  i.next()  
  ...  
}
```

## Instrumented Program

```
Public bar() {  
  ...  
  addTrace(0xff);  
  i =  
  c.iterator();  
  ...  
  i.next()  
  ...  
}
```

## Property

Unsafeliterator

## Monitoring System

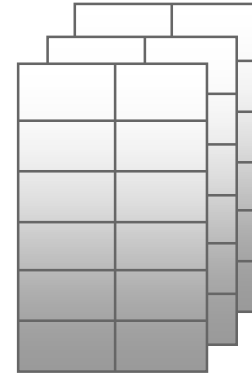
### Context Matching Model

|      |
|------|
|      |
|      |
| 0xff |
| 0xfe |
| 0xfd |

Method  
call stack

| context | monitors  |
|---------|-----------|
| 0x12    | m1,m2,... |
| 0x1f    | m4,m8,... |

Context monitor  
map



Maps with Local  
Monitor Pools



Global Monitor Pool  
of constant size

Error Report