

## Program

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

## Instrumented Program

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

Event

## Optimized Monitoring System

### Monitor Allocation

Symbol  
Type

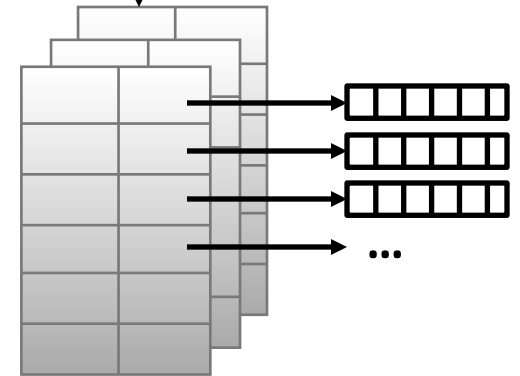
Current  
Context

Context  
History

Global  
Monitor Pool



Maps with Local  
Monitor Pools



Property

Unsafeliterator

Error Report