

Princeton University



# Prospect Eleven

## Fixin' One Line of Code

UNLV

*October 30, 2005*

**PROSPECT** ELEVEN

# Fixin' "one line of code" at UNLV 6:36 2005 Grand Challenge Course



# Fixin' code in the shade at UNLV 2005 Grand Challenge Course



# Fixin' code in the shade at UNLV 2005 Grand Challenge Course



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L2R: Anand Atreya'07, Andrew Saxe'08, Prof. Alain Kornhauser\*71 P03

DAPRPA Grand Challenge, Unfinished Business, October 30, 2005

# Fixing “one line of code”



From \_ Anand Atreya <aatreya@Princeton.EDU>  
Sent Wednesday, November 9, 2005 4:44 pm  
To Alain Kornhauser <alaink@Princeton.EDU>  
Cc  
Bcc  
Subject RE: please send me the code change

Everywhere I saw something like:

```
currentObstacles.RemoveAt(i);
```

I preceded it with:

```
State.RelativeFrameUpdated -=  
currentObstacles[i].relativeFrameEventHandler;
```

The problem was that each time we removed an obstacle from the list of current obstacles, we were not unhooking it from the **RelativeFrameUpdated** event. Thus, the garbage collector never determined that the old obstacle was no longer needed, and as a result it was never cleared.

-- Anand

# Ready to Attach the '05 and '04 DARPA GC Courses After Fixin' "one line of code" at UNLV 16:14

