

ProgBots: Code your Way to Victory

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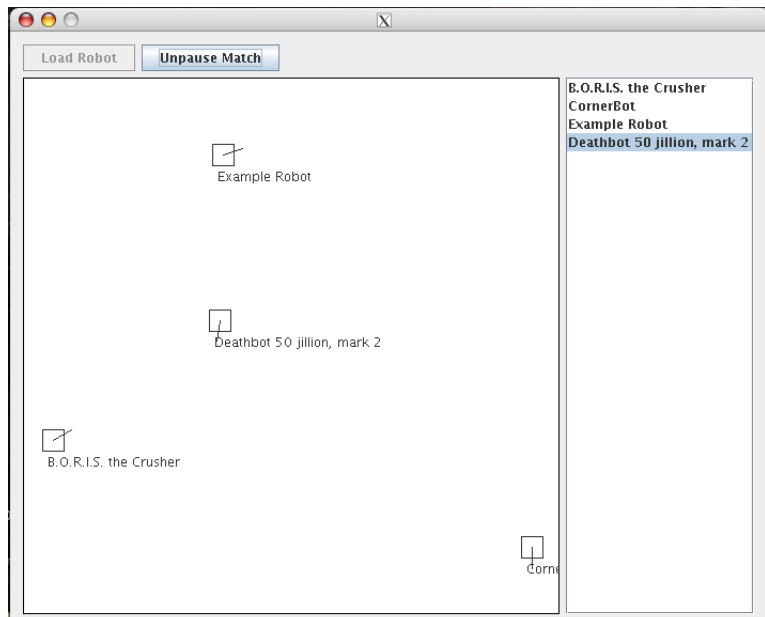
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Summary

- ▶ ProgBots is not a game in the traditional sense; instead, players compete using robots *they* have programmed to best their opponents
- ▶ Robot source code uses a secure API that ensures fair-play and proper robot conduct.

Screenshot



Example Robot Sourcecode

```
public void run()
{
    int orientation = api.getOrientation();

    if(orientation < 180)
        api.rotate(-orientation);
    else
        api.rotate(360 - orientation);

    for(int i = 0; i < 50; i++)
        api.move();

    orientation = api.getOrientation();
    api.rotate(90);

    for(int i = 0; i < 50; i++)
        api.move();
```