Robocup Rescue - Virtual Robots Team
STEEL (USA)
Infrastructure Contribution Plan

1 Module Build System

Status: Complete
Directory structure and makefile for compiling UT3 USARSim.

2 Image Server

Status: Complete
Image Server intercepts DirectX calls and compresses the image into a .jpg. This is used to route images taken by the camera sensor.

3 Multi-Client Distribution

Status: Complete
The Multi-Client Distribution (MCD) allows for calculations, such as sensor computations, to be offloaded from a single server running USARSim to multiple client machines. This allows for a much larger number of robots to run without a decrease in performance.