The 2016 ACM ICPC East Central North America Regional Programming Contest

Final Report

November 5, 2016

The 2016 ACM ICPC East Central North America Regional Programming Contest (ACM ICPC ECNA RPC) was held on Saturday, October 29, 2016. We had 123 teams from 49 colleges and universities throughout western Pennsylvania, Ohio, Michigan, eastern Ontario, and Indiana (excluding the Greater Chicago Metropolitan Area). Three additional teams registered for the contest but did not attend.

As it was difficult for some teams in the ECNA region to travel to a single site for the contest, the ECNA RPC was held as a distributed contest. There were four contest sites:

- University of Cincinnati in Cincinnati, Ohio (26 teams from 10 schools)
- Grand Valley State University in Allendale, Michigan (26 teams from 11 schools)
- University of Windsor in Windsor, Ontario (27 teams from 11 schools)
- Youngstown State University in Youngstown, Ohio (44 teams from 17 schools).

The ECNA RPC was successful, with no issues of note. Some observations:

- The software environment was modeled after the specifications given for the 2017 ICPC World Finals. Only minor modifications were made to account for hardware differences, matching the C++ standard to what Kattis uses, and the installation of the Orca screen reader.
- We used Kattis again this year for the contest control system.
- The contest started promptly at 10am and ended at 3pm.
- The contest consisted of 10 problems with 119 teams solving at least one problem.
- The maximum number of problems solved by any team was 10.

Issues

There were no issues of note during the contest.

During the practice contest, it was noted that the Eclipse debugger was not working; a solution was found and implemented during the practice contest.

Late in the practice contest, it was noted that Eclipse was very slow on certain machines. Systems staff identified a video driver as the possible cause; switching to a vendor-supplied driver improved the situation.