

Appropriate-Use Policy Supplement for hex

Department of Mathematics and Quantitative Life Sciences Center

The Harvey Mudd College Department of Mathematics and the Quantitative Life Sciences Center maintain a parallel-computing system that can be used by faculty, students, and staff of the college, other Claremont Colleges, and other educational or research institutions by special permission.

Use of hex is governed primarily by the mathematics department's Appropriate-Use Policy (available from <http://www.math.hmc.edu/computing/policies/appropriate-use/appropriate-use.pdf>).

This document is a supplement to that document, and may reinforce, more tightly restrict, or otherwise modify conditions of use described in the broader appropriate-use policy.

By signing the hex account-request form you are agreeing to both the general appropriate-user policy and to this supplement.

1 Appropriate Work

hex may only be used to do work that is directly related to the project that is described on your hex account application form. Reading e-mail, browsing the web, and other "normal" activities should be performed on the department's other machines, leaving hex available to devote processing time to relevant research projects.

You may pursue additional computationally intensive or parallel-computing projects without submitting new application forms; however, you are expected to update the system administrator about changes in the projects on which you are working.

2 Acknowledgment of Cluster Use

You must acknowledge your use of hex's resources in any publication that you produce as a result of your work.

We suggest a statement similar to the following:

This research was performed in part using hex, a parallel-computing system operated by Harvey Mudd College's Department of Mathematics and the Quantitative

Life Sciences Center. hex was made available through a grant from the W.M. Keck Foundation.

If you would like to use (or suggest) an alternate wording for this statement, please send a sample to beowulf@math.hmc.edu for approval, comment, or consideration.

3 Grant of Publicity

In order to demonstrate the value of the parallel system, we require users to share information about their projects with us, so that we may, in turn, share that information through our own departmental publications, grant applications, websites, and so forth.

We ask that you provide the Harvey Mudd College Department of Mathematics and the Quantitative Life Sciences Center with descriptions of your cluster-related work, and grant full permission to both departments to use this information in any departmental publications (including print, electronic, and other forms).

Should the details of your project change, please submit updates to us at beowulf@math.hmc.edu.

We would also appreciate receiving citations or offprints of research articles, photographs of posters or conference presentations, and other materials that show the end results of projects that used this system.

4 Installing Software and System Stability

Because hex is a shared resource, and because the system relies on standardized software installs to maintain peak performance, you must not install software that might affect the system's stability or performance.

If there are packages that you need to run your application, send mail to system@math.hmc.edu to request the installation of that software. Systems staff will examine your request and determine whether it

is possible to accommodate your needs without interfering with the operation of the cluster for other users.

Once a determination is made, the software will be installed by systems staff or you will be told that the software cannot be installed and why it cannot be installed. We are sorry if the lack of that software makes it impossible for you to complete your research program using hex.

5 Scheduling Policy

You must abide by the current scheduling protocols for use of the cluster. These protocols may be subject to change based on use levels, software improvements, and other conditions. The current protocols will be made available via the mathematics department's computing website. Any questions can be answered through discussion with the department's systems administrator, at system@math.hmc.edu or through the beowulf@math.hmc.edu list.

6 Consequences

Consequences for violating the terms of this agreement are much the same as those for violating the terms of the general appropriate-use policy.

For hex users, loss of access to the system is an additional risk that may occur immediately, should your behavior require quick action to protect other users from the consequences of your actions, or that may be imposed after other, lesser sanctions should your behavior demonstrate a continued lack of respect for other users and the systems' integrity.

7 Changes to Departmental Policies

Changes to this policy may be made by the mathematics department's systems staff and will be posted as system notices, on the department's computing-resources website, or by electronic mail.

Users are responsible for reading and complying with all such policy statements.

8 Questions and Comments

Questions, comments, and other matters may be addressed to the department's systems-administration staff at system@math.hmc.edu.