

chat/irclog refers to a single server with two domain names hosted by HMDC (Harvard-MIT Data Center) since December 2020 on a CentOS 6 VM with four 2.60GHz CPUs, 8 GB of RAM, and 40 GB of storage.

Steps for migrating the service:

- Provision a new server. Ubuntu is preferred because all Perl dependencies philbot needs are included.
- Install MySQL or equivalent.
- Install <https://github.com/pdurbin/philbot>
 - Reading setup.sh at <https://github.com/pdurbin/greptilian-vagrant> might help with dependencies, etc.
- Install The Lounge from <https://thelounge.chat>
- Copy the latest MySQL database backup from <http://dvn-vm1.hmdc.harvard.edu/data/mysql/>
- Restore the database.
- Configure philbot to join freenode as "iqlogbot".
- Customize The Lounge to look more Dataverse-y.
 - Files in chat.dataverse.org/files/home/shout at <https://github.com/IQSS/chat.dataverse.org> might help.
- Configure a startup script for philbot.
 - Might be helpful: <https://github.com/pdurbin/greptilian-vagrant/blob/master/files/var/spool/cron/crontabs/philbot>
- Configure a startup script for The Lounge.
- Configure backups.
 - Might be helpful: <https://github.com/pdurbin/greptilian-vagrant/blob/master/files/usr/local/sbin/mysqlbackup.sh>
- Configure dump to tsv.
 - `@daily mysql -u mysqldump -pfoo iqirclog -e 'SELECT * FROM irclog;' > /var/www/data/mysql/irclog/irclog.tsv`