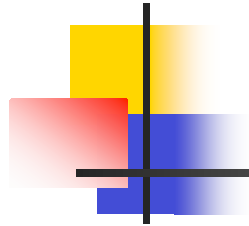# DB2 Roll Testimony

Vladimir Veytser

DB2 Roll Description

- In a nutshell: installs IBM's DB2 client on the front end and DB2 server on the backend nodes.

- This role is not distributed under Rocks because DB2 is proprietary software and requires a license. Hence, it is only for SDSC use.

- Took about 2-3 weeks to do.

DB2 Roll Internals

- Makes RPM out of IBM's DB2 distribution
- Creates 3 DB2 accounts (admin user, fenced user, and instance user)
- Calls IBM's db2_install to install DB2

DB2 Roll Internals cont.

- Post-install on back-end node
    - Setups DAS server (DB2 admin server)
    - Creates an instance and configures it.
    - Creates empty database "RockTest"
    - Adds DB2 as one of the services to init.d
- Post-install on front-end node
    - Creates accounts, as mentioned in previous slide
    - Edits /etc/services and adds DB2 port numbers

A few minor things...

- No major complaints. You do not have to be a Kickstart expert. Spent most of the time fighting DB2 rather than Rocks.

- Had to look at other rolls; Roll's guide did not have everything but I think it has been drastically improved.

- Have to be comfortable with shell scripting.

- I wish certain Kickstart variables were documented (e.g. Node_Hostname, Kickstart_PrivateDNSDomain).

- Debugging is somewhat hard because you have to reinstall front-end in case there is a bug in front-end code. For back-end nodes you can just do "shoot-node".

Questions?