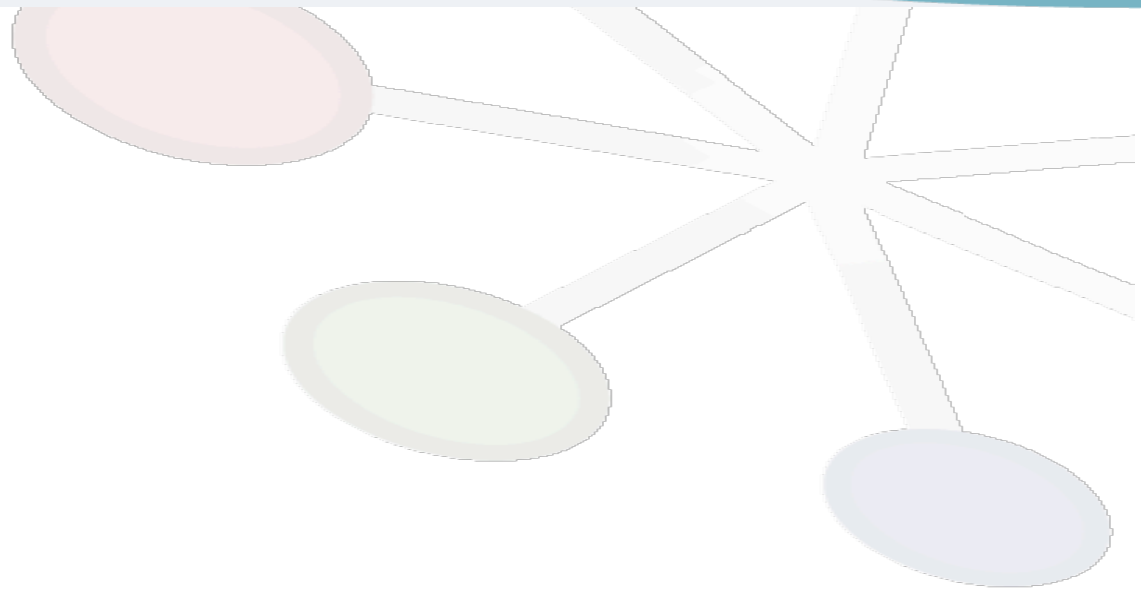




DISET reloaded





- **DISET provides**
 - RPC
 - File transfer
 - Proxy and certs authentication/authorization
- **DISET does not provide**
 - Asynchronous messages
 - Connection keep alive packets
- **DISET lacks**
 - Reload certificates every X minutes (CA updates require restart of services)
 - CRL usage





- **Asynchronous messages!**
 - Client establishes a connection
 - Client and servers can send messages asynchronously
 - Disconnects are detected and handled!
 - Not a replacement for RPC!!!
 - Not a real messaging mechanism!!!
- **Connections have an internal keep alive**
 - If the keep alive packet hasn't been received in more than X time... drop connection
 - Solves problem of timeouts for extra large queries



- Certificates are reloaded every 6 hours
- CRLs can be used now
- Currently on a dev branch. Merge due to start this week
- Backwards compatible if servers are migrated first 😊
- Requires new externals due to
 - finally solved an ancient bug in pyGSI + memleak
 - OpenSSL 1.0.0a/b compatible and tested