Using New Relic to Monitor XMLUI

NewRelic is a commercial application monitoring service that has the capability to introspect an application and report on key transaction performance.

Server Monitoring

New Relic can be used to perform an availability check of application services. It will escalate an error if a service is unresponsive for several minutes.

- Check availability of the XMLUI service (load home page)
    - Note, this does not explicitly test the availability of a database connection
- Check availability of the solr repositories
    - search
    - statistics
    - oai
- Check availability of the handle service

Key Transaction Monitoring

Unfortunately, by default, all XMLUI transactions appear as a single task and it is difficult to distinguish or analyze different types of traffic.

- /CocoonForwardController/forwardRequest

The following configuration change in **newrelic.yml** has enabled us to identify some useful key transactions

- `enable_auto_transaction_naming: false`

This has enabled us to create the following key transactions

- /community-list
- /handle/*/*
- /discover
- /handle/*/*/discover

Unfortunately, we have not yet been able to group bitstream downloads into a single key transaction.