

# 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.