

# Test - Workflow Profile: Read

Profile for testing the retrieval of [containers](#) and [binaries](#) in a repository.

★ Indicates a timed section.

1. Single root resource: run 1,000,000 times
  - a. Retrieve a random container from the repository. ★
  - b. Retrieve a property from that container. ★
  - c. Retrieve a binary from that container. ★
2. Broad and shallow tree: run 10,000 times
  - a. Retrieve a random top-level container in a broad and shallow Tree Setup profile.
  - b. Retrieve the list of descendants. ★
3. Narrow and deep tree: run 10,000 times
  - a. Retrieve a random top-level container in a narrow and deep Tree Setup profile.
  - b. Retrieve the list of descendants. ★
4. Broad and deep tree: run 10,000 times
  - a. Retrieve an container in a narrow and deep Setup profile.
  - b. Retrieve the list of descendants. ★

Test with 1, 2, 4, and 8 threads.