replimate

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Replimate is a Node.js library that is designed to provide a simple API to for working with CouchDB replication (via the Replicator database).

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Checking Replication Status

Getting the current *_replicator* database rules is simple using replimate:

Running this example should run output similar to the following:

```
[ { _id: 'test_test2',
    _rev: '119-c46968d9e7a4485015279b4e3af7d465',
    source: 'test',
    target: 'test2',
    continuous: true,
    create_target: true,
    user_ctx: { name: 'admin', roles: [ '_admin' ] },
    owner: 'admin',
    _replication_state: 'triggered',
    _replication_state_time: '2012-07-20T03:32:43+00:00',
    _replication_id: '922742a54303e0c8aa96b09f93bf55ca' } ]
```

This data is provided directly from the CouchDB *_replicator* db entry, and will contain both current and completed replication jobs.

Starting a Replication Job

Starting a replication job is simple when using replimate:

```javascript
var replimate = require('replimate'),
var targetUrl = process.env.COUCHDB_URL || 'http://localhost:5984';
var opts = {
  action: 'replicate',
  source: 'http://sidelab.iriscouch.com/seattle_neighbourhood',
  target: 'seattle_neighbourhood'
};

// create a replication rule to run from the test seattle_neighbourhood db
// to a local copy on the replimate instance
replimate(targetUrl, opts, function(err, monitor) {
  console.log('replication started');

  // using the returned monitor,
  // report when the replication has finished
  monitor.on('completed', function() {
    console.log('replication finished');
  });
});
```

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