## Overview

Administrative tool

Can be run on any node in a cluster with the same results

## status

nodetool status

U - up

N - normal state

J - Joining

D - down

nodetool status [keyspace]

tokens

owns-effective

indicates the percentage of all tokens in a keyspace that a given node manages

If a keyspace has replication factor 2, and there are only 2 nodes in the cluster, then each node will have a complete copy of the data

## repair

Maintenance operation that will fix inconsistencies in all data, not just data being read.

Should be run every once in awhile.

## ring

nodetool ring

displays list of tokenranges across nodes

each row represents a virtual node

first col is ip where the vnode belongs to

last col is token value - the end of the range owned by this vnode

nodetool describering pluralsight

pluralsight is the name of a keyspace

each row of output represents a range of tokens

output is more explicit than nodetool ring

Given the keyspace, can indicate where each copy of a token range will be stored