

# DonutDB

## A Chord implementation

Main steps :

1. Create ring
  - 1.a create node
  - 1.b implement next node
  - 1.c implement communication
  - 1.d implement search msg
2. Add data
  - 2.a file messaging
  - 2.b hash to give file to right node
3. Front end
  - 3.a add file
  - 3.b search file
4. Reliability
  - 4.a next/previous node
  - 4.b add/remove node
  - 4.c back up file on other node
5. Improving
  - 5.a add search node table
  - 5.b implement file versioning
  - 5.c implement file modification

