Primary Server Functional

client.py

front-end.py

primary_server.py

secondary_server_1.py

secondary_server_2.py

Primary Server Down

Front end makes
random choice
between secondary
servers

client.py

front-end.py

primary_server.py

secondary_server_1.py

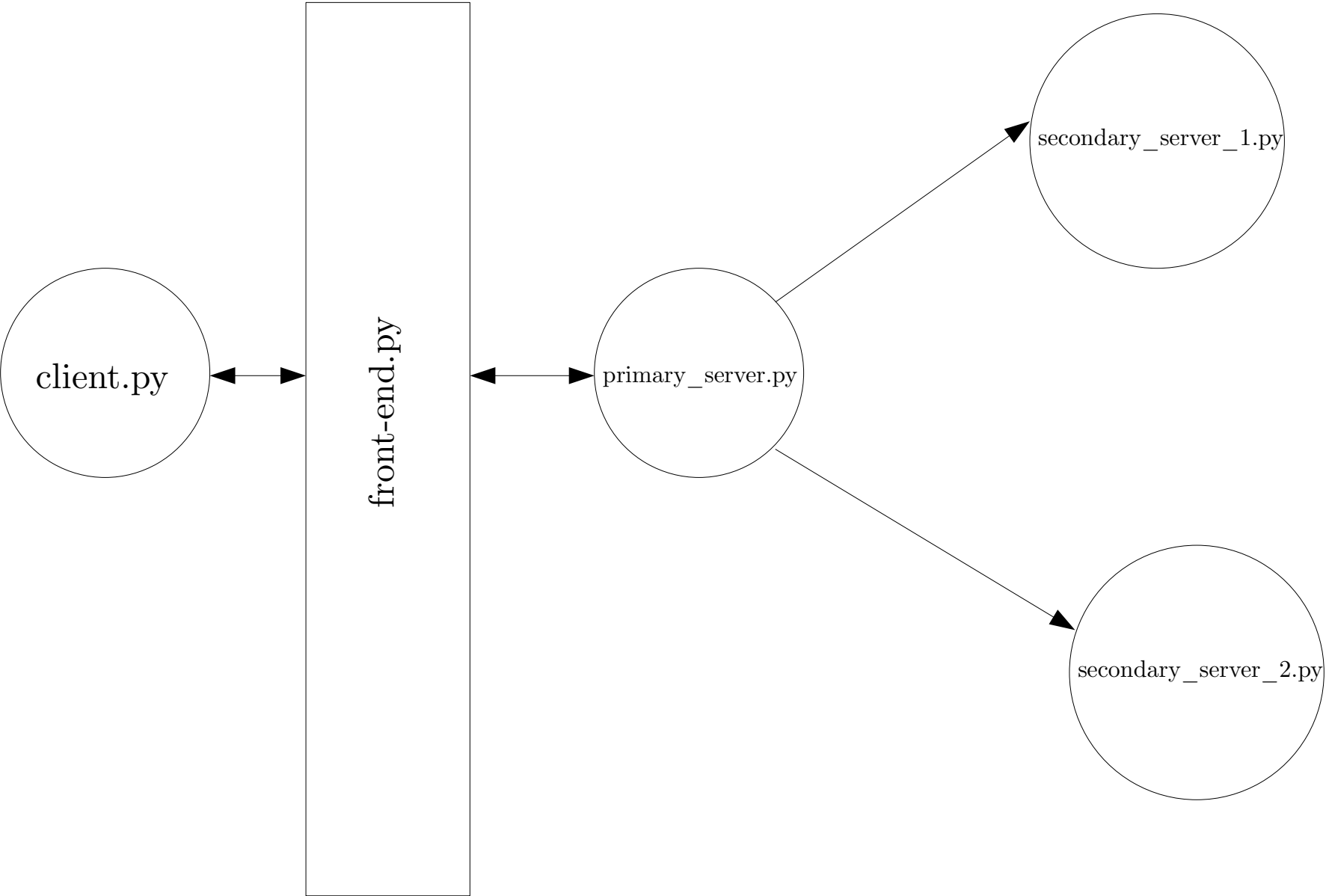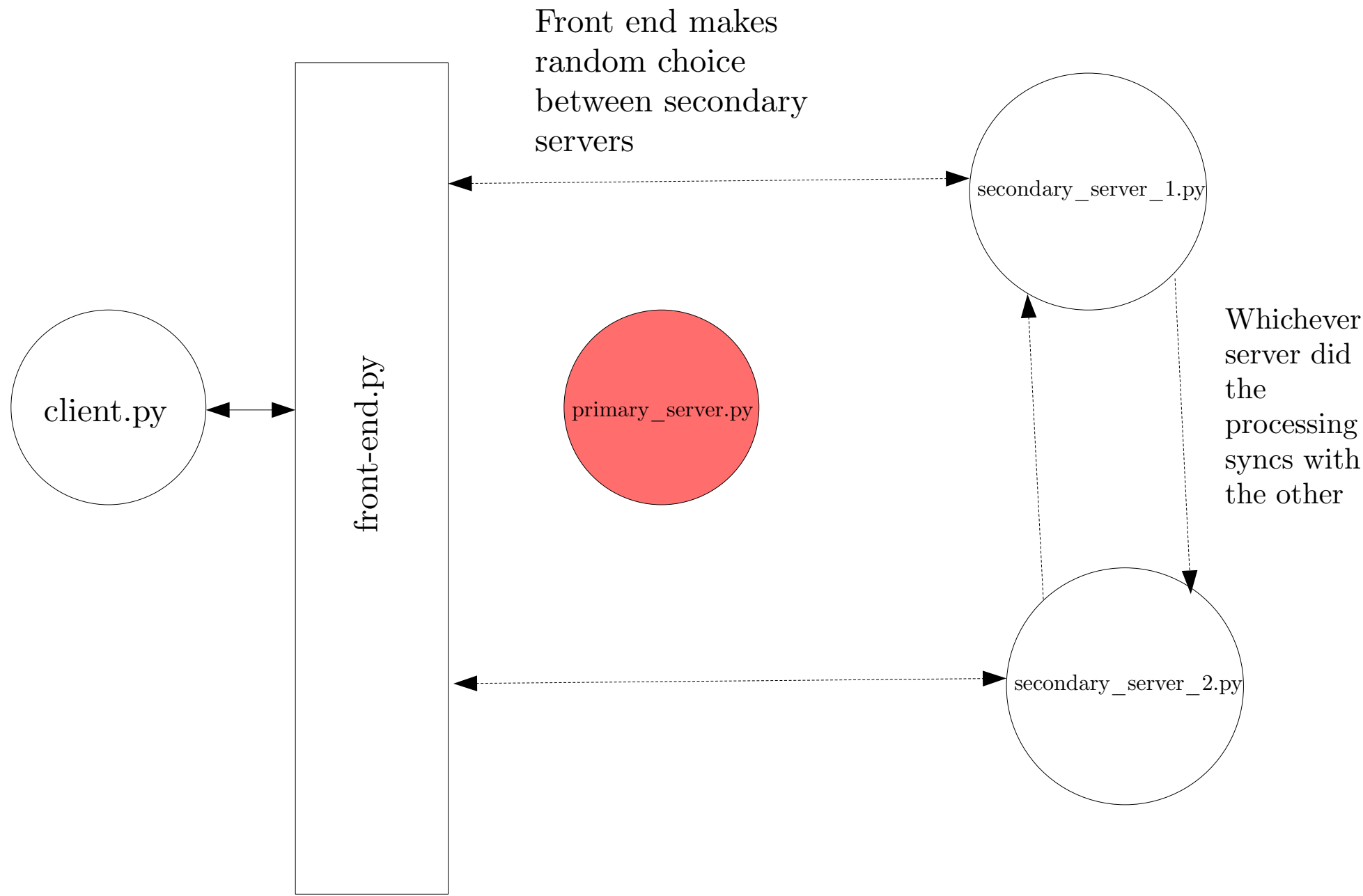Whichever
server did
the
processing
syncs with
the other

secondary_server_2.py

When the primary server returns to being active then the secondary servers will sync the data with it