



### Diagram Legend

- Instantiated data type  
**Passive Entity**
- Non-Instantiated data type  
**Passive Entity**
- Instantiated data type  
**Active Entity**
- Non-Instantiated data type  
**Active Entity**

Numbers on edges represent message sequence (1 to 18) based on interaction steps.

- Interaction Steps**
- 1: instantiate station
  - 2: instantiate booth
  - 3: instantiate exit
  - 4: instantiate voters
  - 5: instantiate repo
  - 6: instantiate clerk
  - 7: instantiate pollster
  - 8: openStation
  - 9: enterStation, processVoter
  - 10: castVote
  - 11: waitUntilFree
  - 12: joinExitQueue, answerPoll
  - 13: approachVoter, waitForAnswer
  - 14: write, open
  - 15: send to repo
  - 16: openForWriting
  - 17: readInString, writeString
  - 18: export to FileOp