本文档详细记录了命令的接口和交换格式

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| 命令名 | 参数考虑 | 中间接口 | 返回值 |
| ls | ls  ls -l | 进入一个文件系统  length, 101, 0(all) | length, 101, nodeid, “network name” |
| length, 102, 0, “network name” | length, 102, nodeid, “file node name” |
| length, 103, nodeid, directorynode (root as 0) | length, 103, nodeid, directory node block address , “info” (multiple) |
| length, 104, nodeid,  directorynode (root as 0) | length, 104, nodeid, directory node block address, , “ detailed info”, (multiple) |
| cd | cd “ “  cd /  cd // | length, 111, nodeid, start block, “file directory” | length, 111, nodeid, correct/incorrect |
| cp | cp “ “ “ “ | length, 121, nodeid, start block, “file directory”  length, 122, nodeid, newnodeid,  sequence number, size, “data”  multiple rounds  sequence from 1  length, 123, nodeid, newnodeid,  0, total number of rounds of previously | length, 121, nodeid, correct/incorrect, newnodeid  123, success or failure |
| length, 124, nodeid, start block,  “file directory”  length, 125, nodeid | length, 124, nodeid, size  length, 125, nodeid, newnodeid,  sequence number, “data”  multiple rounds  //length, 126, nodeid, newnodeid,  //total number of rounds |
| length, 127, nodeid, start block,  “relative info”  length, 127, nodeid, end block,  “relative info” | 127 success or failure |
| mv | mv “ “ “ “ | similar to cp | similar to cp |
| mkdir | mkdir “ “ | length, 141, nodeid, block, “dir name”10 | length, 141, success/failure, new block id |
| touch | touch “ “ | length, 151, nodeid, block, “file name” | length, 151, success/failure, new block id |
| rm | rm “ “ | length, 161, nodeid, block, “file info” | length, 161, success/failure |
| Ps | Ps “” | Length, 171, nodeid | Length, 171, nodeid, “info” |
| pwd |  |  |  |
| du | du | length, 211, nodeid | length, 211, nodeid, “info” |
| Uninstall | Uninstall | length, 232, nodeid, “info” | None |
| Install | Install | length, 231 |  |
| Rbb | Reboot base radio | 241 |  |
| Rbn | Reboot node radio0 | 242 |  |

Sensor commands:

The following lists the sensor commands:

./light 10 20 length, 11, nodeid, block, parameter size, parameter content

Reply: length, 11, nodeid, block, return size, return value (if any), terminateornot

In the mote side implementation, the reading should loop multiple times if the parameter is set such way