|  |
| --- |
| \*PFILETABLE |
| 100 |
| 10 18 |

|  |  |
| --- | --- |
| UFDT |  |
| 10 | ptrfiletable |

|  |  |
| --- | --- |
| \*PSUPERBLOCK | |
| 4000 |
| 40 48 | |

|  |
| --- |
| \*\*PPINODE |
| 20 |
| 30 38 |

|  |
| --- |
| \*PINODE |
| 400 |
| 20 28 |

|  |  |  |
| --- | --- | --- |
|  | INODE |  |
| 400 | Demo.txt | FileName |
|  | 0 | InodeNumber |
|  | 1024 | FileSize |
|  | 0 | FileActualSize |
|  | 1 | FileType |
|  | NULL | Buffer |
|  | 0 | LinkCount |
|  | 1 | ReferenceCount |
|  | 3 | permission |
|  | NULL | next |

|  |  |  |
| --- | --- | --- |
|  | SUPERBLOCK |  |
| 4000 | 3 | TotalInode |
|  | 3 | FreeInode |

|  |  |  |
| --- | --- | --- |
|  | FILETABLE |  |
| 100 | 0 | readoffset |
|  | 0 | writeoffset |
|  | 1 | count |
|  | 3 | mode |
|  | 400 | ptrinode |
|  | ptrfiletable  FILETABLE |  |
| 200 |  | readoffset |
|  |  | writeoffset |
|  |  | count |
|  |  | mode |
|  |  | Ptrinode |
| ptrfiletable | FILETABLE |  |
| 300 |  | readoffset |
|  |  | writeoffset |
|  |  | count |
|  |  | mode |
|  |  | ptrinode |

ptrfiletable

|  |  |
| --- | --- |
| BUFFER | |
| 1000  2024 | Hello World |

|  |  |
| --- | --- |
|  | UFDTArr |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |

|  |  |  |
| --- | --- | --- |
|  | INODE |  |
| 500 |  | FileName | |
|  |  | InodeNumber | |
|  |  | FileSize | |
|  |  | FileActualSize | |
|  |  | FileType | |
|  |  | Buffer | |
|  |  | LinkCount | |
|  |  | ReferenceCount | |
|  |  | permission | |
|  |  | next | |

|  |  |  |
| --- | --- | --- |
|  | MAXINODE |  |
|  | 3 |  |
|  | MAXFILESIZE |  |
|  | 1024 |  |
|  | READ |  |
|  | 1 |  |
|  | WRITE |  |
|  | 2 |  |
|  | REGULAR |  |
|  | 1 |  |
|  | SPECIAL |  |
|  | 2 |  |
|  |  |  |

|  |  |
| --- | --- |
| BUFFER | |
| 3000  4024 | Marvellous  Infosystem |

|  |  |  |
| --- | --- | --- |
|  | INODE |  |
| 600 |  | FileName | |
|  |  | InodeNumber | |
|  |  | FileSize | |
|  |  | FileActualSize | |
|  |  | FileType | |
|  |  | Buffer | |
|  |  | LinkCount | |
|  |  | ReferenceCount | |
|  |  | permission | |
|  |  | next | |

|  |  |
| --- | --- |
| BUFFER | |
| 5000  6024 | India is my Country |