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# Tests Run

### Component Testing

|  |  |
| --- | --- |
| **Test** | **Test description** |
| Peer | Able to send a receive simple messages |
|  | Able to interpret messages |
|  | Able to handle multiple requests at the listening port |
|  | Able to receive the file name from the user |
|  |  |
| Indexing server | Able to add files to the list of files for a peer |
|  | Able to delete files to the list of files for a peer |
|  | Able to indicate a peer as active or inactive |
|  | Able to get the search for a given file and send reply |
|  | Able to handle multiple requests at the listening port |
|  |  |
| File transfer | Able to send requested files of upto 10 KB |

### Integration Testing

|  |  |
| --- | --- |
| **Test** | **Test description** |
| Search file | Able to search file and receive file of 2.4 KB |
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