Ready to P2P!

File Information Sent to Server:

- (file_name, file_type, file_size, file_hash, last_modified_date_time)

Checking for file conflicts:

- Server will cross reference every single file sent by new Peer against every file currently active in the network First, it will check file hashes to ensure that there aren't multiples of the same file entered into the indexing list. Instead, it will simply add that new Peer as a holder of that file to allow for distribution of load
- Secondly, it will check the file names and types. This will allow for the server to check if there are multiple instances of the same file with differing changes to it or files with the same name
- If same file is found, default to the most recently changed version by use of the 'last_modified_date_time' attribute of the file being sent and the one already in the P2P list