**CLIENT CLASS DIAGRAM**

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| Client |
| - ip: string  - port:int |
| + Client (ip: string, port: int)  + ~Client()  + sendMessage() = 0  + run() = 0 |

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| ClientTCP |
| + sendMessage() override   * socket(AF\_INET, SOCK\_STREAM, 0) * connect(sock , (sockaddr\*)&server\_addr, sizeof(server\_addr)   + run() override  + checkConnection(); |

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| ClientUDP |
| + sendMessage() override   * socket(AF\_INET, SOCK\_DGRAM, 0)   + run() override  +checkConnection(); |

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| CommandProcessor |
| - client: Client& |
| +CommandProcessor(client: Client&)  + run()  + listFiles()  + copyFile(src, dst)  + removeFile(filename)  + createFile(filename)  + readFile(filename) |

Uses