Class: FileContainer (Information put into the file)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property Name** | **Datatype** | **Size** | **Example** | **Description** |
| Data | Byte | - | 101010101010111 | The encrypted user data |
| File hash | String | 40 | 0F01ED56A1E32A05E5EF96E4D779F34784AF9A96 | Hash of plain text data |
| Part Number | Integer |  | 3 | The position of the file in the collection |
| Total parts | integer |  | 14 | Total parts in the collection |
| Original File Name | String |  | Data.txt | Original File Name |
|  |  |  |  |  |
|  |  |  |  |  |

Class: FileInfo (Contains information about the files in the File List)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property Name** | **Datatype** | **Size** | **Example** | **Description** |
| File Name | String | 30 | Data.txt | The name of the file to be encrypted |
| Status | String | 9 | Encrypted/Decrypted | If the file is encrypted or decrypted |
| Size | String | 7 | 1024 KB | The size of the file in Kilobytes |
| Path | String | 100 | C:\Users\Username\Desktop\Data.txt | The path to the file. |
| Date Modified | String | 10 | 19/10/2013 | The date the file was modified |
| File hash | String | 40 | 0F01ED56A1E32A05E5EF96E4D779F34784AF9A96 | The hash of the plaintext data |
| Part Number | Integer | 3 | 3\5 | The part number of the split file |
| Total Parts |  |  |  |  |