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File Service
                                                                                                                   卽
Files Manipulation
                                                                                                    ered (O)
                                                                                                         Stored Data
                  UNREGISTERED UNREGISTE
                   NREGISTERED UNI
UNREGISTERED UNREGISTER Authorization Service
                                                                     \bigcirc
Session Token
                                               RED UNREGISTERE Session
```

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witterface

-upbadBic-hiphers Siring Harmers Fife-Service

-upbadBic-hiphers Siring Harmers Fife-Service

-upbadBic-hiphers Siring Harmers Siring Most Book) void

-upbar-hiphers Siring Harmers Siring List-Scring-

-upbar-hiphers Siring Fife-Siring Harmer Siring List-Siring-

-upperBio-Scring Fife-Siring Pages

-upperBio-Scring Fife-Siring Harmer Siring, numBiock long) void

-upperBio-Siring Remainer Siring, Bername Siring, numBiock long) void

-upperBio-Scring Fife-Siring Remainer Siring, numBiock long) void
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CrypticEngine
+weakHash(data: byte, size: int): String
+strongHash(accumulator: String, data: byte, size: int): String
                                                                                                                                                                                                                                                                            -token: String
+setToken(token: String): void
+getToken(): String
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FileClient
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -fileService: FileService
                                                                                                                                                                                                                                                                                                                 SessionManager
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -crypticEngine: CrypticEngine
                                                                                                                                                                                                                                                                                                                                                                                                                                                               +upload(filename: String): void
+delete(filename: String): void
+download(filename: String): void
+listFiles(): List<String>
                                                                                                                                                                                                                                                                                 -basePath: String
                                                                                                                                                                                                                                                                            +loadFromFile(filename: String): SessionContext
+saveToFile(filename: String): void
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Main
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              «interface»
AuthService
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     «interface»
Command
                                                                                                                                                                                                                                                                                                        CommandFactory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AuthClient
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                +login(username: String, password: String): Session
+login(token: String): Session
+register(username: String, password: String): boolean
+logout(token: String): void
                                                                                                                                                                                                                                                                                   -sessionManager: SessionManager
-classMap: Map<String, Class<T>>>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -kunisce v.e.: Autriset/Vice

+kogin(username: String, password: String): Session

+register(username: String, password: String): boolean

+logout(token: String): void

+validate Token(token: String): boolean

+login(token: String): Session
                                              ListFilesCommand
                                                                                                                                                                                                                                                                                                                                                                                                                                     execute(fileClient: FileClient, authClient: AuthClient): void
                                                                                                                                                                                                                      UploadCommand
                                                                                                                                                                                                                                                                                                                                                                                   DownloadCommand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DeleteCommand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LoginCommand
LogoutCommand
-session: SessionContext
+execute(fileClient: FileClient, authClient: AuthClient): void
                                                                                                                                                                        -localPath: String
-remotePath: String
-session: SessionContext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -filename: String -session: Session: Context +execute(fileClient: FileClient, authClient: AuthClient): void
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -username: String
-password: String
+execute(fileClient: FileClient, authCl
                                                                                                                                                                                                                                                                                                                                        -localPath: String
-remotePath: String
-session: SessionContext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -session: SessionContext
-username: String
-password: String
```