AuthManager + login(): Boolean + login(): Boolean + configure(settings: UserManagerSettings) benutzt + getAccessToken(): String + getIDToken(): JWT + getUserInfo(): JSON Backend + getBlacklist() : Iterable<String> + getOfficialAlias(): Iterable<Alias> + getAliasSuggestions(minPositive: int, minNegative: int) : Iterable<Alias> + isAdmin(accessToken: String): Boolean + acceptAliasSuggestion(alias: Alias): Boolean benutzt + declineAliasSuggestion(alias: Alias): Boolean + blacklistAliasSuggestion(alias: Alias): Boolean + deleteOfficialAlias(alias: Alias): Boolean + deleteBlacklistEntry(entry: String) : Boolean + getCountAliasSuggestions(): int + getCountOfficialAliasses(): int + getCountBlacklistEntries(): int

Framework

```
- <<create>> constructor()
                     + static getInstance(): Framework
                     + getBlacklist(): Iterable<String>
                    + getOfficialAlias(): Iterable<Alias>
 + getAliasSuggestions(minPositive: int, minNegative: int): Iterable<Alias>
                 + isAdmin(accessToken: String): Boolean
                     + getCountAliasSuggestions(): int
                     + getCountOfficialAliasses(): int
                     + getCountBlacklistEntries(): int
              + acceptAliasSuggestion(alias: Alias): Boolean
              + declineAliasSuggestion(alias: Alias): Boolean
             + blacklistAliasSuggestion(alias: Alias): Boolean
                 + deleteOfficialAlias(alias: Alias): Boolean
               + deleteBlacklistEntry(entry: String) : Boolean
                            + login() : Boolean
                            + login(): Boolean
                + configure(settings: UserManagerSettings)
                        + getAccessToken() : String
                           + getIDToken(): JWT
                          + getUserInfo(): JSON
+ addChange(change: Change, metadata: JSON, category: String): Boolean
      + performChange(metadata: JSON, category: String): Boolean
      + removeChange(metadata: JSON, category: String): Boolean
                     + getChanges(): Iterable<JSON>
```

+ contains(metadata: JSON, category: String): Boolean