Class Diagram

<<enum>> ReplicState
- ACTIVE,
- INACTIVE,
- REMOVED

<<enum>> MediaMode
- ALL,
- IMAGES,
- NONE

<<enum>> AuthTokenType
- EMAIL_VERIFICATION,
- REFRESH_TOKEN

<<enum>> AccountState
- ACTIVE,
- INACTIVE,
- UNVERIFIED

ReplicAccess
- id: UUID {readOnly}
- creationTimestamp: Instant {readOnly}
- replic: Replic {readOnly}
- visitor: Account {readOnly}

BaseReplic
- id: UUID {readOnly}
- creationTimestamp: Instant {readOnly}
- originalUrl: URL {readOnly}
- mediaMode: MediaMode {readOnly}
- description: String {readOnly}
- expirationTimestamp: Instant {readOnly}
- passwordHash: PasswordHash {readOnly}
- owner: Account {readOnly}

Replic
- size: long {readOnly}

Account
- id: UUID {readOnly}
- creationTimestamp: Instant {readOnly}
- email: String
- username: String
- passwordHash: String
- accountState: AccountState
- profileColor: int

AuthToken
- creationTimestamp: Instant {readOnly}
- id: UUID {readOnly}
- token: UUID {readOnly}
- expiresTimestamp: Instant {readOnly}
- account: Account {readOnly}
- type: AuthTokenType {readOnly}
- data: String {readOnly}
- invalidated: boolean

Report
- id: UUID {readOnly}
- creationTimestamp: Instant {readOnly}
- replic: Replic {readOnly}
- owner: Account {readOnly}
- state: ReportState

<<enum>> ReportState
- OPEN,
- CLOSED,
- REVIEWED

<<enum>> AuthUserGroup
- ALL,
- ACCOUNT,
- VERIFIED

ServerConfig
- createReplicsGroup: AuthUserGroup
- accessReplicsGroup: AuthUserGroup
- createReportGroup: AuthUserGroup
- allowAccountCreation: boolean
- limit: ReplicLimitConfig
- maximumActivePeriod: Period

ReplicLimitConfig
- period: Period
- count: int

Relationships:
- ReplicAccess — Replic: replic 1
- ReplicAccess — Account: visitor 1
- Replic — BaseReplic (generalization)
- Replic — Account: owner 1
- Account — AuthToken: account 1
- Report — Replic: replic 1
- Report — Account: owner 0..1