**Package database**

Package database contains classes the Server needs for interfacing with the database. It provides an access point between the server and the generated packages.

**Class Name**: Store

**Class Description**: Store handles connecting with the database and provides an instance of Queries for utilizing the sqlc generated code for parameterized queries.

**Class Data Members**: \*sql.DB DB, \*generated.Queries Queries

**Class Methods**: New(): Store, Connect(), Disconnect()

**Package Database.Generated**

The database.generated package contains code generated by sqlc which is created from the schema of the database and queries for that databse.

**Class Name**: AdminAssignment

**Class Description**: A model of an entry in the AdminAssignments table.

**Class Data Members**: int64 ID, int64 AssignedTo, int64 AssignedBy, bool isDeactivation

**Class Name**: BanAction

**Class Description**: A model of an entry in the BanActions table.

**Class Data Members**: int64 ID, int64 TakenBy, int64 TargetUser, string Reason, int64 TakenOn, string Domain, bool SetBannedTo

**Class Name**: Comment

**Class Description**: A model of an entry in the Comments table.

**Class Data Members**: int64 ID, int64 PathId, string Author, string Content, time.Time CreatedAt, int64 Parent, bool Hidden, bool Removed

**Class Name**: CommentModerationAction

**Class Description**: A model of an entry in the CommentModerationActions table.

**Class Data Members**: int64 ID, int64 TakenBy, int64 CommentId, string Reason, time.Time TakenOn, bool SetHiddenTo, bool SetRemovedTo, int64 AssociatedReport

**Class Name**: CommentReport

**Class Description**: A model of an entry in the Comments table.

**Class Data Members**: int64 ID, int64 ReportingUser, int64 Comment, string Reason, bool ActionTaken, time.Time TimeCreated

**Class Name**: Domain

**Class Description**: A model of an entry in the Domains table.

**Class Data Members**: string ID

**Class Name**: DomainBan

**Class Description**: A model of an entry in the DomainBans table.

**Class Data Members:** int64 UserID, string BannedFrom, int64 BannedBy, time.Time BannedAt

**Class Name**: DomainModeratorAssignment

**Class Description**: A model of an entry in the DomainModeratorAssignments table.

**Class Data Members:** int64 ID, string Domain, int64 AssignedTo, int64 AssingedBy, time.Time AssignedAt, boolean isDeactivation

**Class Name**: Feedback

**Class Description**: A model of an entry in the DomainBans table.

**Class Data Members:** int64 ID, int64 UserID, string Type, time.Time SubmittedAt, string Content, boolean Hidden

**Class Name**: GlobalModeratorAssignment

**Class Description**: A model of an entry in the GlobalModeratorAssignments table.

**Class Data Members:** int64 ID, int64 AssignedTo, time.Time GrantedAt, int64 AssignedBy, boolean IsDeactivation

**Class Name**: Log

**Class Description**: A model of an entry in the Logs table.

**Class Data Members:** int64 ID, int64 User, string IP, string URL

**Class Name**: PasswordResetCode

**Class Description**: A model of an entry in the PasswordResetCodes table.

**Class Data Members:** int64 ID, int64 UserID, string VerifyCode, time.Time CreatedOn

**Class Name**: Path

**Class Description**: A model of an entry in the Paths table.

**Class Data Members:** int64 ID, string Domain, string Path

**Class Name**: Report

**Class Description**: A model of an entry in the Reports table.

**Class Data Members:** int64 ID, int64 ReportingUser, int64 Comment, string Reason, bool ActionTaken

**Class Name**: User

**Class Description**: A model of an entry in the Users table.

**Class Data Members:** int64 ID, string Username, string Password, string Email, time.Time CreatedAt, time.Time LastLogin, string ProfileBlurb, boolean Banned, boolean isVeirified

**Class Name**: ValidationCode

**Class Description**: A model of an entry in the ValidationCodes table.

**Class Data Members:** int64 ID, int64 UserID, string VerifyCode, time.Time CreatedOn

**Class Name**: VoteRecord

**Class Description**: A model of an entry in the VoteRecords table.

**Class Data Members:** int64 CommentId, string Category, int64 UserId, int8 Value