

| Back End  |                           |                           |                                   |  |  |  | Front End  |                                 |   |
|---|---------------------------|---------------------------|-----------------------------------|--|--|--|--|---------------------------------|---|
| path  | Client-Server Comm Entity | API Endpoint Function     | Controller Method                 | Additional Calls   | Queries Calls  | Server-Client Comm Entity                              | State Before   | State After                     | Window Boundary Associated Component Boundary Class |
| <a href="https://commentanvw.here.net/_api">https://commentanvw.here.net/_api</a> | communication             | server.Server             | server.UserControllerInterface    |  | database.generated.Queries                                       | communication  |  |                                 |   |
| /assignDomainMod  | AssignDomainModerator     | postAssignDomainModerator | HandleAssignDomainModerator       |  | CreateDomainModeratorAssignment                                  | Message  | Moderator: ViewUserProfile, Admin: ViewUserProfile   | tbd                             |   |
| /assignGlobalMod  | AssignGlobalModerator     | postAssignGlobalModerator | HandleAssignGlobalModerator       |  | CreateGlobalModeratorAssignment                                  | Message  | Admin: ViewUserProfile   |                                 |   |
| /ban  | Ban                       | postBan                   | HandleCommandBan                  | Server.UserManager.Ban   | UpdateUserBanStatus, CreateBanRecord                             | Message  | Admin: ViewUserProfile, Moderator: ViewUserProfile   |                                 |   |
| /changeEmail  | ChangeEmail               | postChangeEmail           | HandleCommandChangeEmail          |  | UpdateUserEmail  | LoginResponse  | Any Logged-In: Settings  |                                 |   |
| /changeFeedback   | ChangeFeedback            | postChangeFeedback        | HandleCommandChangeFeedback       |  | UpdateFeedback   | Message  | Admin: Reports Display   |                                 |   |
| /changeProfile  | ChangeProfileBlurb        | postChangeProfileBlurb    | HandleCommandChangeProfileBlurb   |  | UpdateUserBlurb  | LoginResponse  | Any Logged-In: Settings  |                                 |   |
| /newComment   | CommentReply              | postCommentReply          | HandleCommandCommentReply         | Server.UserControllerInterface.GetCurrentPage<br>Server.Page.CreateComment   | CreateComment  | Message  | Any: Comments Display  |                                 |   |
| /voteComment  | CommentVote               | postCommentVote           | HandleCommandCommentVote          | Server.UserControllerInterface.GetCurrentPage<br>Server.Page.CommentVote, Server.CachedComment.Vote  | CreateCommentVote, UpdateCommentVote                             | Message  | Any: Comments Display  |                                 |   |
| /newFeedback  | Feedback                  | postFeedback              | HandleCommandFeedback             |  | CreateFeedback   | Message  | Any  |                                 |   |
| /comments   | GetComments               | getComments               | HandleCommandGetComments          | Server.UserManager.AddMemberToPage, Server.UserManager.AddGuestToPage, Server.UserManager.RemoveGuestFromPage, Server.UserManager.RemoveMemberFromPage, Server.UserControllerInterface.GetCurrentPage, Server.Page.GetComments | GetComments, GetCommentVotes                                     | Comment[]  | Any: Comments Display  |                                 | CafeComment   |
| /user   | GetUserProfile            | getUserProfile            | HandleCommandGetUserProfile       |  | GetUser  | UserProfile  | Any  | ViewUserProfile                 | CafeUserProfile                                     |
| /login  | Login                     | postLogin                 | HandleCommandLogin                | Server.UserManager.Login, Server.UserManager.RemoveGuestFromPage, Server.UserManager.AddMemberToPage   | GetUser  | LoginResponse  | Any Logged-Out State   | Any Logged-In: Comments Display | CafeOwnProfile                                      |
| /logout   | Logout                    | postLogout                | HandleCommandLogout               | Server.UserManager.Logout  |  | Message  | Any Logged-In  | Logged-Out: Comments Display    |   |
| /moderate   | Moderate                  | postModerate              | HandleCommandModerate             | Server.Page.Moderate   | CreateModerationRecord, UpdateCommentRemove, UpdateCommentHidden | Message  | Moderator: Comments Display, Admin: Comments Display, Moderator: Moderation Display, Admin: Moderation Display |                                 | CafeComment   |
| /pwResetCode  | PasswordResetCode         | postPasswordResetCode     | HandleCommandPasswordResetCode    |  | GetPasswordResetRecord   | Message  | Submit Reset Code Form   |                                 |   |
| /pwResetReq   | PasswordResetRequest      | postPasswordResetRequest  | HandleCommandPasswordResetRequest | Server.UserManager.DispatchPasswordResetEmail  | CreatePasswordResetRecord  | Message  | Request Password Reset Form  |                                 |   |
| /newReport  | PostCommentReport         | postCommentReport         | HandleCommandCommentReport        |  | CreateCommentReport  | Message  | Any: Comments Display  |                                 |   |
| /register   | Register                  | postRegister              |                                   | Server.UserManager.Register, Server.UserManager.Login  | CreateUser   | LoginResponse  | Any Logged Out   | Logged-In: Comments Display     | CafeOwnProfile                                      |
| /reqValidation  | RequestValidation         | postRequestValidation     | HandleCommandRequestValidation    |  | CreateValidationRecord   | Message  | Member: Settings   |                                 |   |
| /newPassword  | SetNewPass                | putSetNewPass             | HandleCommandChangePassword       |  | UpdateUserPassword   | Message  | Input New Password Form  |                                 |   |
| /validate   | Validate                  | postValidate              | HandleCommandValidate             |  | UpdateUserValidation   | Message  | Logged-In: Settings  |                                 |   |
| /viewBans   | View Bans                 | getBans                   | HandleCommandViewBans             |  | GetBanRecords  | BanRecord[]  | Moderator: Moderation Display, Admin: Moderation Display   |                                 | CafeBanRecord                                       |
| /viewCommentReports   | View CommentReports       | getCommentReports         | HandleCommandViewCommentReports   |  | GetCommentReports  | CommentReport[]  | Moderator: Moderation Display, Admin: Moderation Display   |                                 | CafeCommentReport                                   |
| /viewFeedback   | View Feedback             | getFeedback               | HandleCommandViewFeedback         |  | GetFeedback  | FeedbackRecord[]                                       | Admin: Reports Display   |                                 | CafeFeedback  |
| /viewLogs   | View Logs                 | getLogs                   | HandleCommandViewLogs             |  | GetLogs  | AdminAccessLog[]                                       | Admin: Reports Display   |                                 | CafeLog   |
| /viewModRecords   | View ModRecords           | getModRecords             | HandleCommandViewModRecords       |  | GetModRecords  | ModerationRecord[]                                     | Admin: Moderation Display  |                                 | CafeModerationRecord                                |
| /viewMods   | View Mods                 | getMods                   | HandleCommandViewMods             |  | GetDomainModerators, GetGlobalModerators, GetAllModerators       | DomainModeratorRecord[] and/or GlobalModeratorRecord[] | Admin: Moderation Display  |                                 | CafeModRecord                                       |
| /viewDomainReport   | View DomainReport         | getDomainReport           | HandleCommandViewDomainReport     |  | GetDomainReport  | AdminDomainReport                                      | Admin: Reports Display   |                                 | CafeDomainReport                                    |
| /viewUsersReport  | View UsersReport          | getUsersReport            | HandleCommandViewUsersReport      |  | GetUsersReport   | AdminUsersReport                                       | Admin: Reports Display   |                                 | CafeUsersReport                                     |