

Messages Cli K- Son Anneldephase a: ren User rejskil Username necessegroupl to station role "player"/"spectator" register Messagegroup "registration" Cli Royisto Rogard Serv Success role Min Case of multiple, differing Usernane preguests, returnshich was chosen if socrass messasegroup "registration" Cli Begistelegensetait Freason: "invalid usermne" "no more Players acceptibe" "not unique" mescagegroup "rogistration" Cli Ety Serv } Server not listening for rear connections anymore, or is down, Host Cli Lick - Sen & onsggrayp'ng Hoth Cli "Ungiskfaped" Serv of message granp degidation Sen Unasser Player Jusen de -I messagegroup dreg ist notion Eicked in /dc/... est of players Host Oli specify Ruley Serv mescagegroup "rules" ruleset & South FOR OPPER //in betneen: HotCli-> Seri startgang mexicagagroups "ryle ruleset & SENON "Chent does not "know" rules -> doesn't respond with Error it rake unknown ackfula) Ser frescagegroup "rules" I for noticing Client through Host Cli start Games Serv { messagagrap "startgame" Cli cinit Game Serv Sturn-order mess agegrap "startgame" } all player rames tuleset rames

Spielphase Spielphase Messagegroup "state into" States branclen playerstate Globalstate Som JON (statistan) and to JSON
Cli getState Sener & necsagegrap "state into"}
Cli play Card Serv (nessagegroup "play Card" Card Card
Cli 2 Serv Serv Success: "true"/ "folse" Menntalser dann aus Grund Mais et as arks als Lein letzen ggebrookast-Stt. Ly reserved thate.
di dranlard > sen { nessagegrap "don" }
a down Colorage (nessacan, 11/1)
(Cli eserdstate son again) (Cli eserdstate son again)
cli sen sen { cusermane } -> finished player booms as nell Ly can "spectate"
Cli end Game sen { messagegraps "end Game" } // aldringing von Regeln. Default: Ordered List L> pro regel gibt Passe and extraction regel gibt Passe and extraction regel gibt Passe and extractions as a climate of the contraction of the contr
a roleswith somest (nessagagroup "roleswith" into role only "spectator", not sock)
Son to contite son (nessage group "roleswitch") The role "spectator" (Store intervally different in seven to remember a local or as initial spectator
Connectivity issues
keep passing keep-alile signal back-and-forth. Maybe allow timeouthout Ping to be set in Settings.
Cli sadheteast Serr Snessagagroup "toast"?
Oli showtast Serv { some again. }

State: (don't send spectators) global: #Carts of each player & names of players Stack (no governtees), maybe not all cards contained whose turn Jest hier implementionen Hardkarten min #karten anzei autziden (wenn er aufziden wurde) possible actions of Karten de arten Player internal: admin (EnzChentlanller, Usernane) Action ent SON Parameter

Action hat SSON Parameter

Action hat SSON Parameter

Possible totion entialt alle miglièlen Parameter? e.g. alle sprellagen Karten (also admin). learle game · Draw Cards (minimum possible) Perresented as string stored mappin sometow (see later) (admin) · kick Player (spakerest zwisdemant) - andere aktion) gractions: { ((admin) . transfer server (before learny)) "apha": {

Card: (only send ld of coard)
- id
- image is local

Ruleset: only send id of rates in Array. Reiterfolge irrelevant.
Regels sollen vaeinaden undbängig sein.

Logic initialize should be re-callable to restart game

Fail -> Ms dass Karte nicht gelegt. Wenn playcard Erenstele Z fail, dann fail immer noch anzeigen.

Nach fail schielt server rener state. (Nutzf nicht, schodet nicht)

rogeln HashSetZstring> Shirtgore (Players, spectators) Maltiple Severs

Aronyan

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Eric :
somer top merpeded by client
Lick Player -> remove Player

Somerione: "server"
istart gare -> create ren serve find, bons
player left/billed: handle conn things and call playertett() remove Playor()
```

Fabian:

- Messages
 - Locks Clarifie: which Penetians read write
- Classi Global State
- (lass): PlayerState
- List of actions - Card 10?
- Ind menage: your her started (> resome stertgame)
- Othe Zielen etc. Kontrolleeren
- Play until 1 player left
- more finished player to speciforleur (neventre he was a pleege)
- Her player gets revoved: wheel # players!