

--: {remote: []: 😊 } <- **Functions Library for Remote Procedure Calls** ->

muse/docs/lib/remote.md

-- 😊 remote: *Client and server side support for RPCs and client (player) side support for come and tail.* -> remote, \_remote

--: + **Test functions are provided for out-of-game, no network operation.**

--: # **Server Side Remote Call Operations: Protocols to Receive Muse Calls (MC), Send Muse Responses (MR)**

--: remote.wait() -> *Setup turtle to repeatedly wait for MC network requests, send MR results.* -> nil

--: # **Client Side Remote Call Operations: Protocols to Send Muse Calls (MC), Receive Muse Responses (MR)**

--: remote.call(server: ":", command: ":", arguments: any[], callback: (😊?) -> RPC: -> any &: &!

--: + *Form serialized request table from command string and arguments. Get server ID from server name.*

--: + *Send request to server, wait for result, return call (default remote.return) callback function to result.*

--: remote.returns(results: any[]) -> *Default client side handling of server response: just print results as string.* -> nil

--: # **Turtle fetch functions: come (once) and tail (repeatedly) to player**

--: + *Prepare remote call to server turtle by getting player xyz position and forming argument table.*

--: remote.come(turtle: "😊 -> *Towards GPS player position.* -> report: ":"

--: - come -> *Turtle towards GPS player position.*

--: remote.tail(turtle: ":", \_\_: "tail", rates: "?:") -> *\_Repeatedly towards player position, default rate \_G.Muse.rates.tail seconds* -> nil

--: - tail rate? -> *Turtle every rate seconds towards player.*