NAME

piano — Command interface to pianod(1).

SYNOPSIS

piano [**-cdvgm**] [**-r**] [**-s**] [**-h** *host*] [**-p** *port*] [**-U** *username*] [**-P** *password*]
[*command [Arguments ...]*]

DESCRIPTION

piano issues commands to and retreives data from pianod(1), allowing shell scripts or interactive access without having to go through telnet(1) or nc(1). Options allow formatting data in various ways, either convenient for reading (interactive use) or in more raw forms (for further processing).

If no command is given, retrieves the playback status (playing, paused, stopped, etc.) instead of issuing a command; status is indicated only by exit status unless **-v** is given.

OPTIONS

-c   In output, include numeric status codes.

-d   Data only; in output, strip the field names.

-v   Verbose. Output status text instead of just returning a status code. Applies to checking status or playlist.

-g   Report diagnostic information (3xx messages).

-m   Multiple record format. Includes pianod's end-of-data message at the end of the output, which is extraneous for single records but useful when processing multiple records.

-r   Report remaining time in current track. Returned as a number of seconds, suitable for passing to sleep(1).

-s   Use a secure connection.

-h *host*   The host on which pianod is running. Defaults to localhost, or $PIANOD_HOST if set.

-p *port*   The port at which to connect to pianod. By default, connections are attempted at 4445. **piano** can connect to either the line or HTTP port.

-U *user*   The user to authenticate on the server. Not all commands require authentication; if neither this option or the corresponding environment variable are indicated, then authentication is not performed.

-P *password*
                The password to authenticate with.

EXIT STATUS

The exit statuses are:

0   Success, or the server is playing (including between tracks or stalled).

1   Command or query error, or the server is paused or stopped.

254   A transport mechanism cannot be found.

255   Server cannot be reached, did not respond, or otherwise did something unexpected

ENVIRONMENT

PIANOD_HOST	The `pianod` host to connect to.
PIANOD_PORT	The port at which to connect to `pianod`.
PIANOD_USER	The username to authenticate with.
PIANOD_PASSWORD	The password with which to authenticate.

FILES

None.

BUGS

JSON requests will fail when `asUser`, `inRoom`, and/or `withSource` clauses are used with the **−U** option or the `$PIANOD_USER` environment variable.

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SEE ALSO

`pianod`(1), `runmix`(1), `football`(3)