

**NAME**

**piano** — Command interface to pianod(1).

**SYNOPSIS**

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

**DESCRIPTION**

**piano** issues commands to and retrieves 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.
- 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** Check if a playlist is selected. Result is indicated only by exit status; use with **-v** to get playlist type and name.
- 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.

**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.

## RETURN VALUES

- 0 if the command succeeds, or the server is playing (including being between tracks or stalled), or there is a selected playlist
- 1 in the event of a server error response, or the server is not playing, or there is no selected playlist
- 255 if the server cannot be reached, does not respond, or otherwise does something unexpected

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## COPYRIGHT

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## SEE ALSO

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