

Frontend API Interactions

Sending Music

HTML POST Request

URL: /api/input

Attributes:

type: MusicInButtoned OR MusicInTyped

arguments: music script (e.g C1D2E3R9)

Statistical Information Gathering (optional)

HTML GET Request

URL: /api/stats

Attributes Expected in Response:

favoriteNote

lifetimeNotes

numberOfSongs

All strings

Current Status

HTML GET Request

URL: /api/status

Attributes Expected in Response:

machineStatus

All strings

Robot Control

HTML Post Request

URL: /api/toggle

Attributes:

type:changeMode

arguments: arduino,online

Music Selector

HTML POST REQUEST

type: MusicSelection

arguments: Mario, RickRoll, GoukurakuJoudo