

# HCIPlayer: Cognitive Walkthrough

ECSE424 Winter 2010, McGill University

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This exercise is for the evaluator to look at a breakdown of the tasks to be performed and to inspect the intuitiveness of the interface from a perspective outside of our own. Please think about each of the tasks listed and describe how you would express this task in a concise, verbal command. If the word used to describe a task is already sufficiently specific, is there a better way in which you might word it? If applicable, also associate a gesture or symbol that you think would represent this action with minimal ambiguity. Then for each action and with the user manual as reference, compare your intuitive guesses to the HCIPlayer's control syntax options. Any additional comments regarding the actual practicality of the task or large scale command structure are welcome.

| Task                   | Verbal Command | Gesture | Available Commands | Comments |
|------------------------|----------------|---------|--------------------|----------|
| Play                   |                |         |                    |          |
| Pause                  |                |         |                    |          |
| Mute                   |                |         |                    |          |
| Next / previous        |                |         |                    |          |
| Get help with commands |                |         |                    |          |
| Track information      |                |         |                    |          |

| Task                             | Verbal Command | Gesture | Available Commands | Comments |
|----------------------------------|----------------|---------|--------------------|----------|
| Enable / disable shuffle         |                |         |                    |          |
| Enable / disable playlist repeat |                |         |                    |          |
| Find all albums from an artist   |                |         |                    |          |
| Play an album by an artist       |                |         |                    |          |
| Queue a particular song          |                |         |                    |          |