*Where’s Whaledo*  
User manual

# Introduction

*Where’s Whaledo* is a user-interface for passive acoustic localization of vocalizing animals.

# Main Interface

To run the main interface, open MATLAB, navigate to the “wheresWhaledo” directory, and type “wheresWhaledo” into the command line.

## “Detectors” Panel

*Where’s Whaledo* has several detectors to get users started. The detector panel displays all available detectors grouped by species and detector name.

### Adding a custom detector

The +detectors folder has sub-directories containing detectors associated with different species/source types. Custom detectors can be added by adding them to their corresponding folders. For instance, if a user has written a custom humpback detector, they simply saving the function in the +detectors/+humpbacks directory. If the user has a custom detector for a species that is not currently listed, a new directory can be made for that species. For instance, if there is currently no detector for *kogia*, but the user would like to add one, they would need to add a directory to +detectors called +kogia and save their function there. Every time the main *Where’s Whaledo* interface is booted up, it will automatically determine which species have directories and functions, and adjust the drop-down menus accordingly.