

# Release Notes

## DynaVox Compass Software, Version 2.0

This document summarizes the new features and enhancements and corrected issues associated with the release of version 2.0 of the DynaVox Compass Software.

### New Features and Enhancements

- A Perpetual App for the iPad is now available.
- The Edit password now applies to the Modify button.
- Two new pagesets have been added with this release of the software:
  - **All Access Pageset** - This pageset was primarily designed to support the communication needs of individuals who use scanning, a head mouse, or alternatives to touching the screen with a finger.
  - **Navigator Pageset** - The Navigator pageset was designed to support the needs of literate individuals who primarily want to use a keyboard to communicate.
- Message history functionality has been added with this release of the software. When enabled, message history:
  - Captures messages spoken into the message window.
  - Messages are stored in chronological order, and the user has the option of determining the amount of time for which the messages are stored.
  - Messages can be searched by content or range of time or by keyword.
  - Message history can be cleared.
  - Includes an option to use Message History in phrase prediction.
  - Actions have been added to enable the message history functionality.
- The following features have been added to support rate enhancement:
  - The *Rate Enhancement* menu now includes options to:
    - **Next Letter Prediction** - Any letters that would not be a feasible option based on the letter or sequence of letters entered will not be predicted.
    - **Don't Predict Words on Buttons** - A word that already appears on a button on the current page will not be predicted.
    - **Context Prediction Off** - When this feature is enabled, the Compass software anticipates word selections based on the grammatical structure of the sentence being entered.
    - **Enable Prediction Learning** - Prediction learning enables the Compass software to learn frequently used words and add these words as prediction options.

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- Character Prediction has been added to predict the next character based on the letter or sequence of letters the user has chosen. Character Predictions have been added to the Editing Toolbar.
  - Enhancements to scanning have been made in this release of the software:
    - A scan pass-through property for groups has been added.
    - Scan Back/Reset First
    - Toggles for Scan Toolbar, Scan Modify Button, Scan Message Window, Scan Blank Buttons
    - Scan From Last Selection
    - Transition Delay
    - Scan After Selection, Scan After Page Change, Scan After Speaking, Zoom Scanning
    - Row/Column Audio Cue
  - A **Use Large Symbols** option has been added to the *Message Window Settings* tab of the *Interface Settings* menu.
  - On Windows devices, there is now an option to run the app full screen or windowed.
  - On Windows devices, an **Exit** button appears on the *Settings* menu. This button closes the Compass software.
  - A custom Slot Popup has been added to the *Message Window Settings* tab of the *Interface Settings* menu, which gives the user the ability to use a custom slot picker.
  - Actions have been added for tabs:
    - To hide tabs (*GetTabHidden, SetTabHidden*)
    - To control the tab symbol layout (*GetTabSymbolLayout, SetTabSymbolLayout*)
    - To control various tab attributes (*Get/SetTabWidth, Get/SetTabHeight*)
  - A "flat" theme has been added to the Style properties.
  - An infrared-based environmental control unit (T15 only) has been added to this release of the software. A *Remote Manager* is available in the *Settings* menu.
  - Several new functions have been added to the Compass Editor to facilitate more rapid editing and ease of use:
    - **Edit in Place** - the user selects a button and immediately types in a label, and selects **Enter**. The *Select a Symbol* window will open. Symbols matching the label will be displayed. Select **Tab** to move to the next button.
    - Available on the **Edit > Fill** menu for buttons after selecting a grid of buttons:
      - **Fill from Text** - gives the user the ability to fill button content by typing the label.
      - **Fill from Search** - gives the user the ability to fill button content using vocabulary sources.
      - **Pour** - gives the ability to fill button content from content on another page.

- A **Copy To** mode has been added in this release of the software. The user can now copy text from the message window to an empty button. The *CopyToMode(type, prompt, overwriteActions)* action has been added to support this function.
- **Content Transitions** - For content transitions, the ability to support "on the fly" level changes has been added to this release of the software. These features are used in the All Access and Navigator pagesets. The following events and actions have been added to support this functionality:
  - The project event, CONFIGURE, and an action to invoke it, *SendConfigureEvent(value)*, where value is whatever you want it to be (like the designVar in design scripts).
  - The page-level event, RECONFIGURE, and two actions to invoke it:
    - *SendReconfigureEvent(value)* – broadcast Reconfigure event with arbitrary value to all pages in the system.
    - *SendReconfigureEvent(path, value)* – send Reconfigure event with arbitrary value to the page or folder specified by path.
- To prevent accidental selection, this release of the software includes the ability to disable the Modify button. The action *SetModifyButtonHidden* is required to hide the modify button. To bring up a disabled Modify button, the user must tap three times in the upper right corner of the page.
- **Application Integration** - This release of the software includes the ability to open external applications through the Compass software. The following actions have been added to support this functionality:
  - *OpenApplication*
  - *OpenApplicationSMS*
  - *OpenApplicationEmail*
  - *OpenApplicationMaps*
  - *OpenApplicationPhone*
  - *OpenApplicationWeb*
- The ability to turn on and off touch-only access to the Toolbar has been added.
- An advanced access flag has been added to the Setup Wizard.
- The following actions have been added to support swipeable grids:
  - *Get/SetScrollStyle*
  - *Get/SetGridSnapType*
  - *Get/SetScrollable*
  - *Get/SetScrollVisibility*
  - *Get/SetScrollStyle*
  - *Get/SetSwipeStyle*

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- The property panels for modifying page objects have been enhanced.
  - An action has been added to mute/unmute the device.
  - A *PickSymbol()* action has been added.
  - A "spinner" (load) icon has been added to indicate that the software is busy.
  - **Miscellaneous**
    - Added actions to create shared variables from a design/configuration script with a parameter that allows you to make it persistent – *AddVariable*.
    - Added the ability to set the initial value of a variable – *SetInitialValue*.
    - Added the ability to delete any screen object – *DeleteScreenObject*.
    - Added the ability to delete pages and folders – *DeletePage*, *DeleteFolder*
    - Added the ability to associate database links to individual atoms and actions to manipulate them.
    - The functions *GetDataRepo*, *GetDataId*, *SetDataRepo*, and *SetDataId* were added.
    - Added *NewPageFromTemplate* action to generate pages from templates like design scripts but at run time.
    - Added the *ExecuteQuery* action which takes an SQL query, fires it against userdb.sqlite, and returns a table of the results.

## Corrected Issues

- There were many access-related issues in the previous versions of the software that have been fixed in this release.