

# Oracle® SQL Developer Web Accessibility Guide



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Oracle® SQL Developer Web Accessibility Guide, Release 19.2.1

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## 1 SQL Developer Web Accessibility Information

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# Preface

This guide describes the accessibility features for Oracle SQL Developer Web.

## Audience

This guide is intended for those using the accessibility features of Oracle SQL Developer Web.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Conventions

The following text conventions are used in this document:

| Convention      | Meaning                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b> | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>   | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| monospace       | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

# 1

## SQL Developer Web Accessibility Information

Oracle SQL Developer Web provides features to support accessibility.

### Keyboard Access

The following menu and toolbar functionality is provided through keyboard access:

- Users can navigate to and start all menu items.
- All toolbar functions are accessible through menu items.
- All menus and menu items have unique and functioning mnemonic keys.
- All context menus within the navigators and source editor can be called.
- Frequently used menu items have unique accelerator keys.

The following functionality is available in windows:

- Navigate between all open windows, to all nodes within a window or pane, and between tabs in a window.
- Set focus in a window or pane.
- Call all controls within a window or pane, and perform basic operations.
- Navigate and update properties in the Property Inspector.
- Use Completion Insight and Code Templates in the source editor.
- Invoke context-sensitive help topics, navigate to and open all help topics, and navigate between the navigation and viewer tabs.
- Open, close, dock, undock, minimize, restore, and maximize the applicable window.
- You can press Escape to move the focus from the current dockable window to the last active editor. Press Shift+Escape to move the focus and also close the current window.
- You can press Shift+F10 to open the context menu for any window. Use the Down Arrow and Up arrow keys to select a command and press Enter, or use the accelerators to start a command on the context menu.

The following functionality is available in dialogs and wizards:

- Users can navigate to and start all controls within all wizards and dialogs.
- The order in which the Tab key causes focus to flow is consistent and logical.
- Mnemonic keys are provided for controls where appropriate.

### Screen Reader Readability

Here is a summary of screen readability in SQL Developer Web, when it is used with a screen reader.

When used with menus and toolbars:

- All menus and menu items are read.
- All toolbar items, including the Navigator toolbar items, are read.
- The hint text on all toolbar items is read.

When used with windows:

- All open windows are read.
- All components within each window, including tabs, are read.
- Status text at the bottom of the IDE, and within the source editor, is read.

When used with dialogs and wizards:

- All controls within all wizards and dialogs are read.
- Hint text is read.

### **No Audio-only Feedback**

In SQL Developer Web, there is no situation in which the only feedback a user receives is audible feedback. All audible feedback is accompanied by a visual indicator. For example, a prompt accompanies the bell sound that occurs when an error or illegal action has taken place.

### **No Dependency on Blinking Cursor and Animation**

SQL Developer Web makes minimal use of a blinking cursor and animation:

- No features use blinking indicators, with the exception of the cursor in the source editor.
- No features rely on animated sequences.

### **Screen Magnifier Usability**

The screen magnifier is dependent on the browser used. All features of the product can be magnified by a screen magnifier.

### **Highly Visual Features of Oracle SQL Developer**

Oracle SQL Developer Web includes features that are highly visual such as:

- Data Modeler diagramming
- Widgets on the Dashboard and Home page
- Real Time SQL Monitor
- DBA performance monitoring pages