

# Oracle® SQL Developer Web Accessibility Guide



Release 19.1

F14242-01

June 2019

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle® SQL Developer Web Accessibility Guide, Release 19.1

F14242-01

Copyright © 2018, 2019, Oracle and/or its affiliates. All rights reserved.

Primary Author: Celin Cherian

Contributing Authors: Tulika Das

Contributors: Jeff D. Smith, Victor F. Martinez

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

## Preface

---

Audience	iv
Documentation Accessibility	iv
Conventions	iv

## 1 SQL Developer Web Accessibility Information

---

# 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