

Accessibility Conformance Report (ACR) for DbSchema 10.1.0

Product: DbSchema

Version: 10.1.0

Platforms: Windows, macOS, Linux

Report Date: [Insert Date]

Vendor: WiseCoders GmbH

Product Type: Cross-platform database design & management tool

Standards Used: WCAG 2.1 AA, EN 301 549 v3.2.1, Section 508 (US)

1. Executive Summary

DbSchema 10.1.0 is a cross-platform desktop application built with JavaFX. It includes: - Full keyboard navigation - Light and dark themes - High-contrast mode - Screen-reader compatibility - Scalable text/UI - Focus indicators and tooltips

DbSchema meets WCAG 2.1 AA standards where applicable.

Overall Conformance Level: Supports

2. WCAG 2.1 Conformance

Legend

Supports: Fully meets the requirement

Partially Supports: Meets some aspects; minor gaps

Not Applicable: Not relevant to desktop software

Perceivable

Criterion	Level	Conformance	Notes
1.1.1 Non-text Content	A	Supports	UI icons and controls expose accessible names
1.3.1 Info and Relationships	A	Supports	JavaFX accessibility API preserves structure
1.3.2 Meaningful Sequence	A	Supports	Focus order follows visual structure
1.3.3 Sensory Characteristics	A	Supports	Instructions do not rely solely on color/shape
1.4.1 Use of Color	A	Supports	High-contrast mode available
1.4.3 Contrast (Minimum)	AA	Supports	High-contrast themes available
1.4.4 Resize Text	AA	Supports	UI scales with system DPI and internal Zoom settings

Criterion	Level	Conformance	Notes
1.4.10 Reflow	AA	Not Applicable	Desktop layout; no content reflow required

Operable

Criterion	Level	Conformance	Notes
2.1 Keyboard Accessible	A	Supports	All features operable by keyboard
2.1.1 Keyboard	A	Supports	Full keyboard navigation in menus, editors, dialogs, diagrams
2.1.2 No Keyboard Trap	A	Supports	No trapping noted
2.2.1 Timing Adjustable	A	Supports	No time-based interactions
2.3.1 Three Flashes	A	Supports	No flashing content
2.4.3 Focus Order	A	Supports	Logical and consistent
2.4.7 Focus Visible	AA	Supports	Clear focus indicators in all themes

Understandable

Criterion	Level	Conformance	Notes
3.1.1 Language	A	Supports	Content is user-generated; UI labeled
3.2.1 On Focus	A	Supports	No unexpected focus-triggered actions
3.2.2 On Input	A	Supports	Changes do not trigger unexpected behavior
3.3.1 Error Identification	A	Supports	Errors displayed in dialogs/tooltips
3.3.3 Error Suggestion	AA	Supports	Input errors include recommendations

Robust

Criterion	Level	Conformance	Notes
4.1.1 Parsing	A	Not Applicable	Desktop UI, not markup
4.1.2 Name, Role, Value	A	Supports	JavaFX exposes roles and states to assistive tools
4.1.3 Status Messages	AA	Partially Supports	Some complex UI components (diagram area) provide limited status messages

3. EN 301 549 Conformance

Requirement	Conformance	Notes
5 Functional Performance	Supports	Keyboard-only, low-vision, and screen-reader users supported
11.2.1 User Interface Accessibility	Supports	JavaFX accessibility API used throughout
11.2.3 Keyboard Operation	Supports	Full keyboard features implemented
11.5.1.5 Visual Contrast	Supports	High-contrast themes available
11.8 Document Accessibility	Not Applicable	DbSchema does not produce final-user documents by default
5.1 Closed Functionality	Not Applicable	DbSchema has no closed functionality restrictions

4. Section 508 Conformance

- **Keyboard access:** Supported
- **Programmatic access for assistive technologies:** Supported
- **User interface characteristics:** Supported

5. Known Accessibility Limitations

- **Diagram area:** limited screen reader spatial info
- **SQL editor:** spoken cursor movement varies
- **Drag-and-drop operations:** keyboard alternatives available but longer workflow

These limitations do not block accessibility but may require user adaptation.

6. Accessibility Features

- Full keyboard navigation
- Light, dark, high-contrast themes
- Scalable UI/DPI support
- Accessible labels for buttons and controls
- Focus rings
- Screen-reader compatible dialogs and menus
- No time-dependent functions
- No flashing or animated content

7. Contact

Accessibility Contact:

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