Control Parity Checklist — WinUI / Qt / GTK (2025)

Purpose: Prevent widget drift across Windows 11 (Fluent/WinUI), KDE (Qt), and GNOME (GTK). Validate behavior, theming, scaling, and accessibility parity.

# Buttons & Toggles

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| PushButton / Button |  |  |  |  |  |
| ToggleButton / Switch |  |  |  |  |  |
| Checkbox |  |  |  |  |  |
| RadioButton |  |  |  |  |  |

Attributes to verify:

* Light/Dark/High-Contrast compliant
* HiDPI scaling (100–300%, fractional on Wayland)
* Keyboard access (Tab order, accelerators, access keys)
* Screen reader labels/roles/states (UIA/AT-SPI)
* Focus ring visibility (default + high contrast)
* Pointer + touch hit target size (≥ 40 px)
* Icon theming (symbolic icons on GNOME; accent on Win11)
* Locale-aware text, BiDi, IME
* Error/validation feedback

# Text Inputs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| Single-line TextBox / LineEdit / Entry |  |  |  |  |  |
| Multi-line TextArea / TextEdit / TextView |  |  |  |  |  |
| Password field (masking, reveal button) |  |  |  |  |  |
| Search field (placeholder, clear affordance) |  |  |  |  |  |

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# Lists & Tables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| ListView (selection, virtualization) |  |  |  |  |  |
| TreeView (expand/collapse, keyboard nav) |  |  |  |  |  |
| Table/Grid (column resize, sort indicators) |  |  |  |  |  |

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# Navigation & Menus

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| MenuBar / AppMenu / HeaderBar actions |  |  |  |  |  |
| Context Menu (right-click / long-press) |  |  |  |  |  |
| Tab control (overflow, close affordance) |  |  |  |  |  |
| Breadcrumb / Path bar |  |  |  |  |  |

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# Pickers & Dialogs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| Open/Save File Picker (native portals) |  |  |  |  |  |
| Folder Picker |  |  |  |  |  |
| Color Picker |  |  |  |  |  |
| Date/Time Picker |  |  |  |  |  |
| Message Dialogs (info/warn/error) |  |  |  |  |  |

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# Feedback & Status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Control | WinUI (Windows 11) | Qt (KDE) | GTK (GNOME) | Parity Notes | Owner/Status |
| Progress (determinate/indeterminate) |  |  |  |  |  |
| Spinner/BusyIndicator |  |  |  |  |  |
| Snackbar/Toast/Infobar |  |  |  |  |  |
| Tooltip |  |  |  |  |  |
| Status Bar |  |  |  |  |  |

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