

What's new in SWT in Eclipse 3.7

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New API

- Touch and gesture support
- Single MenuBar API (Mac OS X)

New API

- Application menu
 - “Ribbon” app menu on Windows 7
 - Mac OS X application menu

Enhancements

- Accessibility
- Multi-line labels for buttons (SWT.WRAP)

If there's time...

- Unified Toolbar/titlebar on Cocoa Shells
- Additional printing options
- Direct2D support on Windows

If there's time...

- API for image tiling and quality
- WebKit engine on Windows
- DROP_DOWN style for DateTime on Cocoa

“Community opportunities”

- Animation API
- Separate Header/HeaderItems in Tree & Table
- Theme drawing

Touch and Gestures

- Expected on Mac OS X and Windows 7
- No readily available Linux support yet

Touch and Gestures

- High-level gestures (swipe, rotate, pinch)
- Low-level touches (begin, end, move)
- Listeners, Events, Adapters

Single MenuBar API

- Mac OS X only, but API everywhere
- `Display.getSystemMenuBar()`

Single MenuBar API

- If available, once you call it it's always used
 - Overrides Shell menu bars

Application Menu API

- Access to standard menu items
- Add listeners, enable, disable etc.
- `Display.getSysMenuItem(int selector)?`

Other new work

- `IAccessibleEditableText` (copy, paste, delete, insert, replace, set attributes)
- Set the calendar type in `DateTime` (choose a non-Gregorian calendar)

Why these features?

- Taking advantage of new desktop features
- Features came from community
- ...also from internal customers

Summary

- New API
 - Touch, single menu bar, application menu
- Enhancements to current API
 - Accessibility, toolbar style, button text, print options

Learn more at

<http://www.eclipse.org/SW>

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