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/SWT
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