



# CINCOM SMALLTALK™ ON A TABLET

By Andreas Hiltner





# Overview

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## INTENTION

Allow clients to use touch input and react on display changes



# Gesture config

Class GestureConfig allows the configuration of individual gesture events, e.g.

- Pan
- PressAndTap
- Rotate
- TwoFingerTap
- Zoom

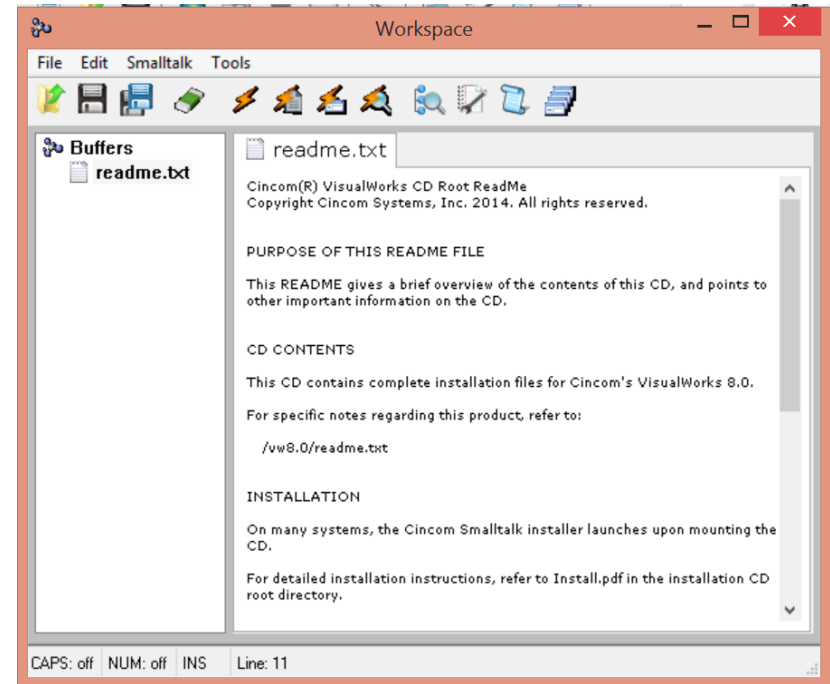
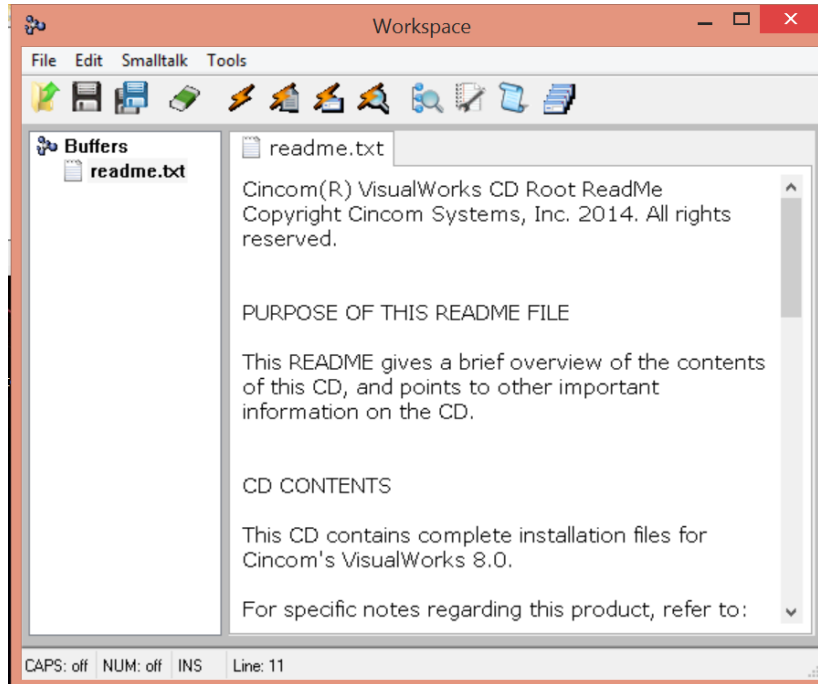
Gestures can be enabled/disabled for each window

# GestureAnnouncement

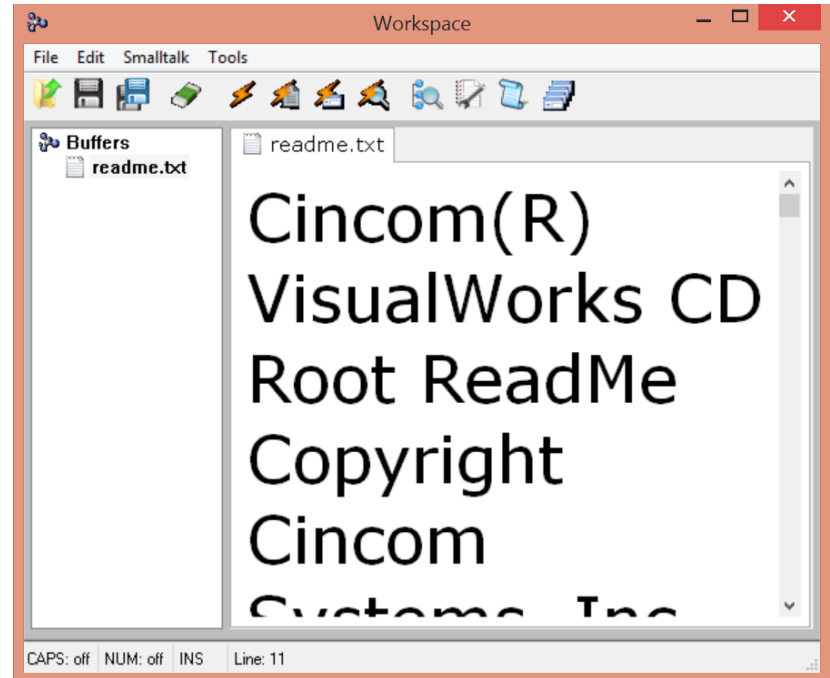
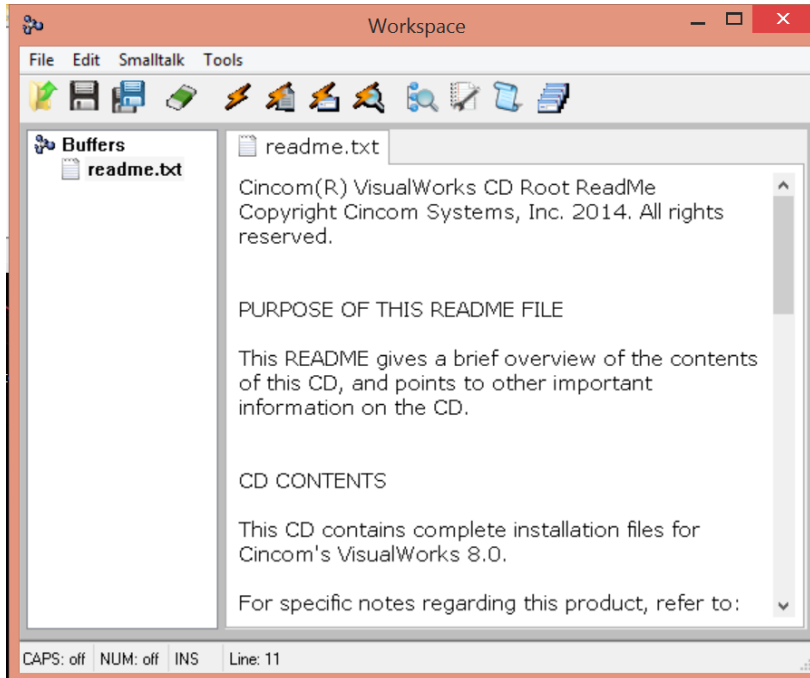
Gesture events result in Announcements, e.g.

- PanGestureAnnouncement
- PressAndTapGestureAnnouncement
- RotateGestureAnnouncement
- TwoFingerTapGestureAnnouncement
- ZoomGestureAnnouncement

# Example NGWorkspace (zoom out)

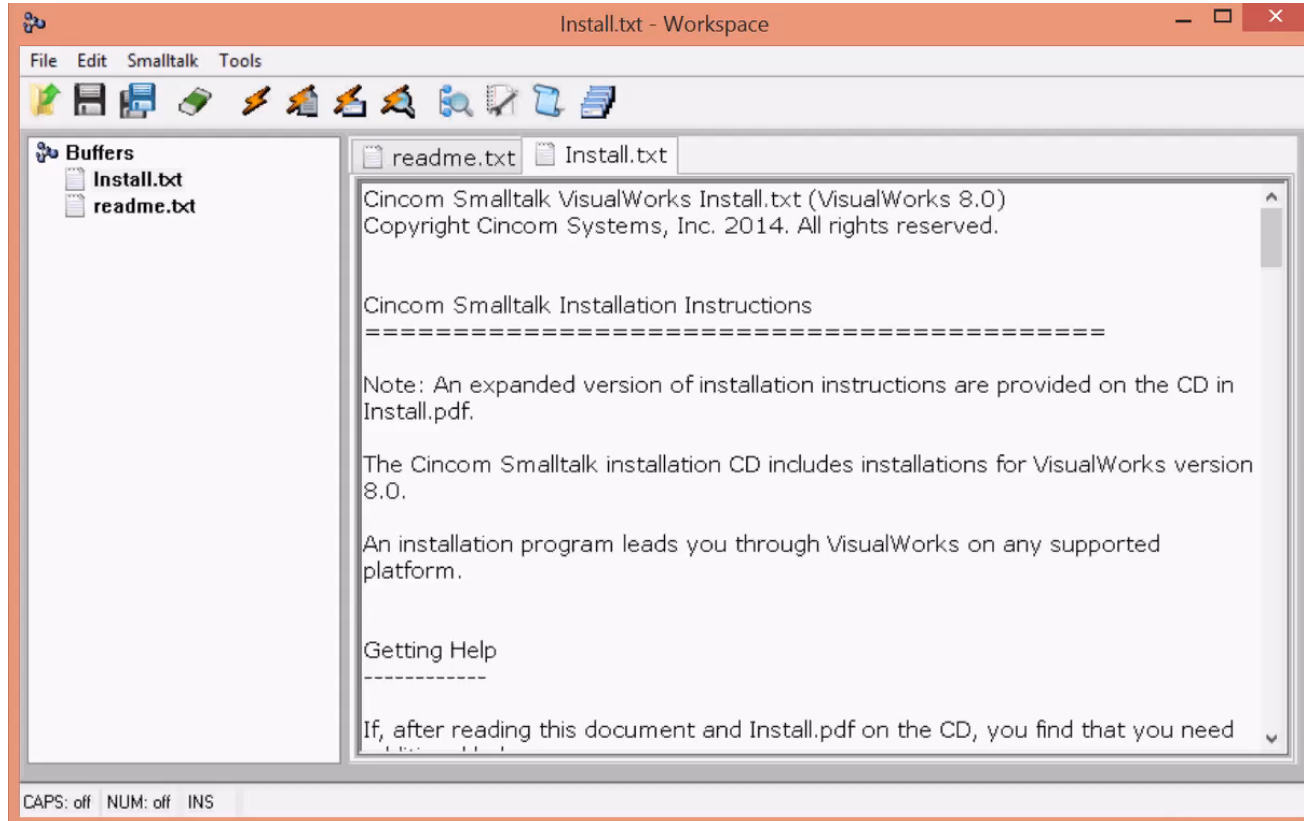


# Example NGWorkspace (zoom in)

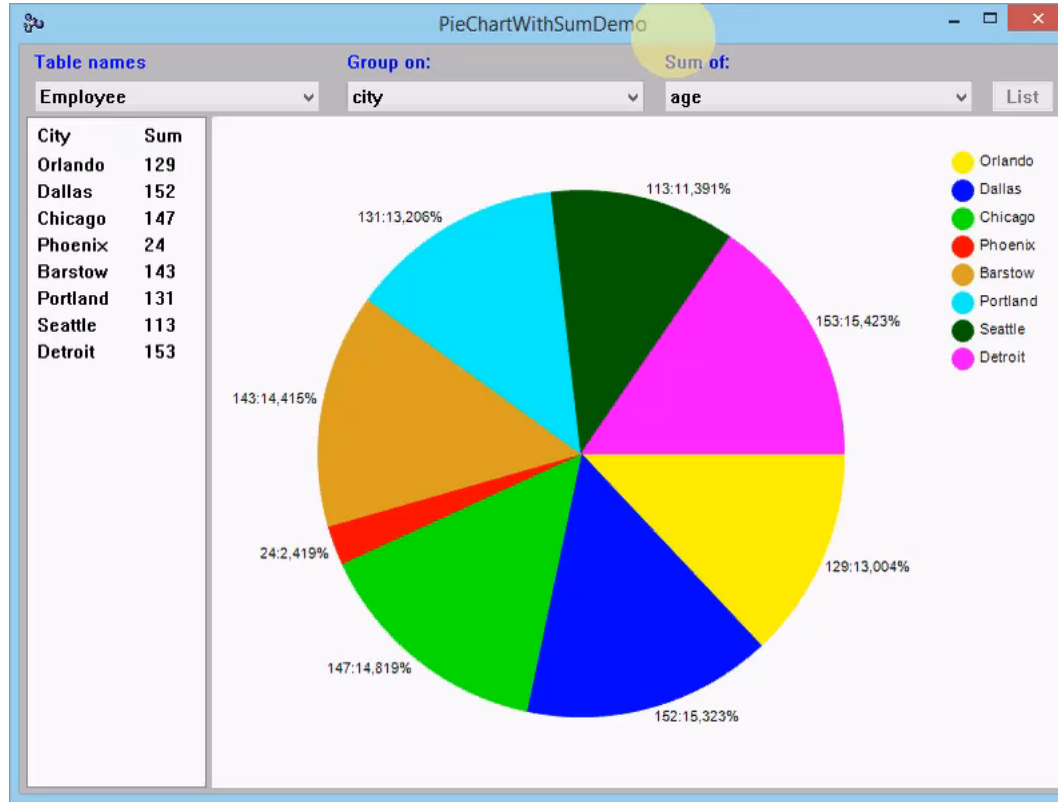




# Example NGWorkspace Zoom (video)



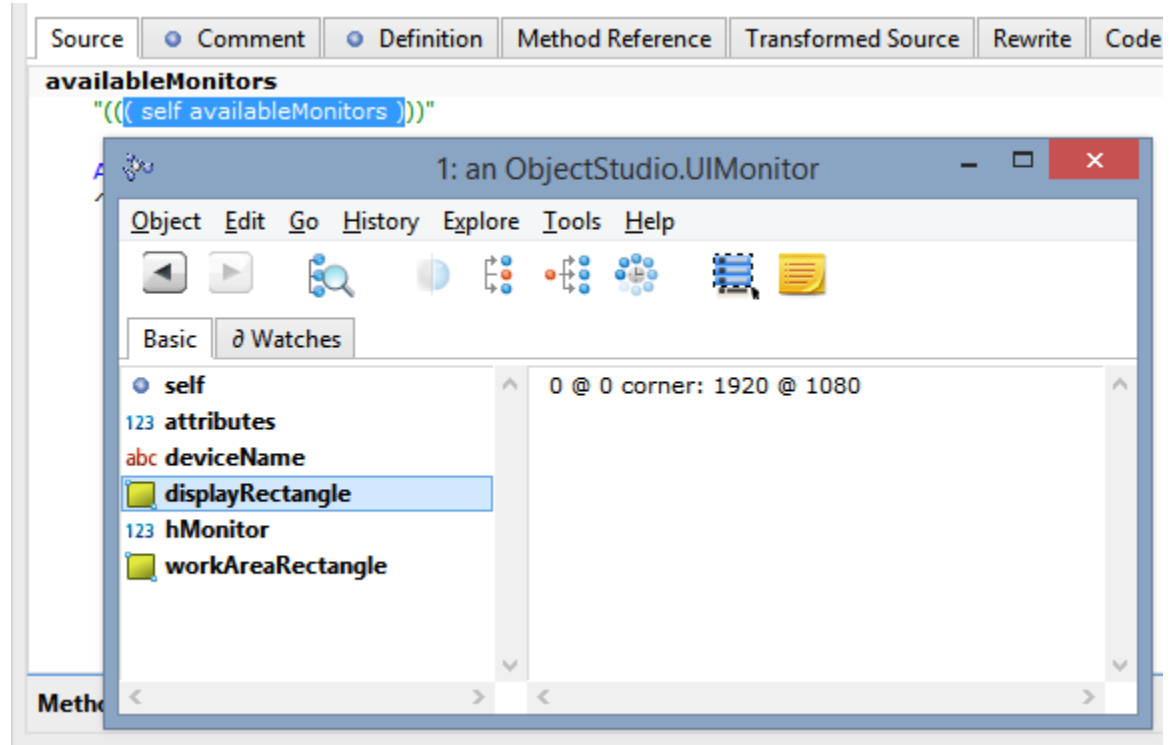
# Example PieChart (rotate)



# Display Change Event

WM\_DISPLAYCHANGE is sent, when a tablet is rotated.

Class UIMonitor reflects the changes to the resolution.



# UIMonitor

Class UIMonitor retrieves information about all attached screens, e.g.

- Available Screens
- Default Screen
- Display Rectangle / Work Rectangle
- Device Name
- DPI
- Scale Factor

# Questions?

# Contact Information

## Star Team (Smalltalk Strategic Resources)

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