

## CINCOM SMALLTALK™ ON A TABLET

By Andreas Hiltner



## Cincom.

#### **Overview**

- Intention
- Gesture Support
  - GestureConfig
  - GestureAnnouncement
  - Example: NGWorkspace
  - Example: PieChart
- Display Change Event
- Questions

#### 

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)**

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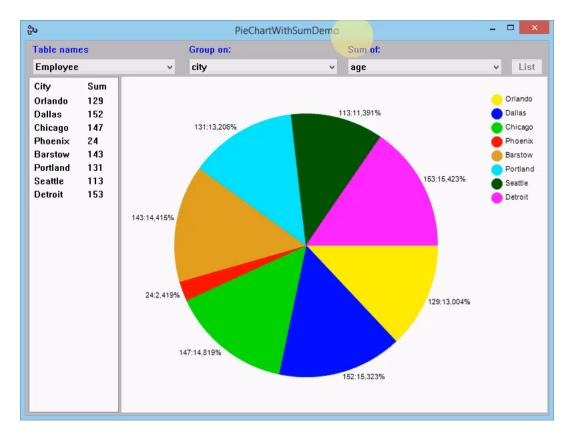
#### Example NGWorkspace (zoom in)

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#### Example NGWorkspace Zoom (video)

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Buffers Install.txt readme.txt	<ul> <li>readme.txt Install.txt</li> <li>Cincom Smalltalk VisualWorks Install.txt (VisualWorks 8.0)</li> <li>Copyright Cincom Systems, Inc. 2014. All rights reserved.</li> <li>Cincom Smalltalk Installation Instructions</li> <li>Note: An expanded version of installation instructions are provided on the CD in Install.pdf.</li> <li>The Cincom Smalltalk installation CD includes installations for VisualWorks version 8.0.</li> <li>An installation program leads you through VisualWorks on any supported platform.</li> <li>Getting Help</li> </ul>					
	If, after reading this document and Install.pdf on the CD, you find that you need $\downarrow$					
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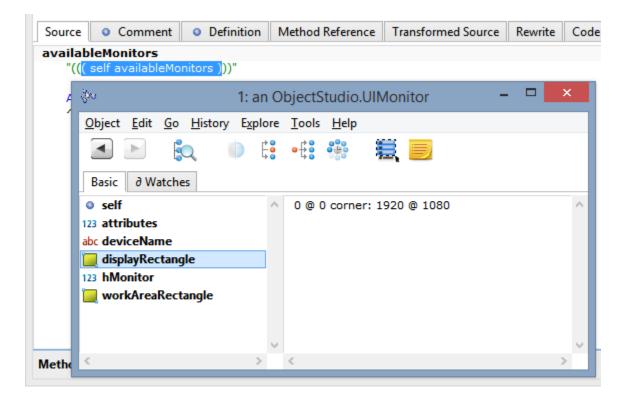
#### **Example PieChart (rotate)**



#### **Display Change Event**

WM\_DISPLAYCHA NGE 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?**

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