

Getting Started With Cinder

Introduction

Giovanni Dicanio

giovanni.dicanio@gmail.com

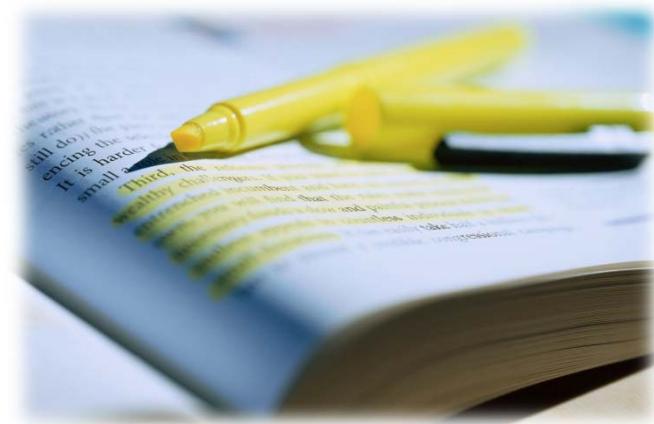


pluralsight 
hardcore dev and IT training



Topics

- Cinder
- Course Info
 - Prerequisites
 - Topics
 - ...



What Is Cinder?

Cinder is a community-developed,
free and open source library
for professional-quality creative coding
in C++.

<http://libcinder.org/>



Cinder in Action: The Planetary iPad App



Cinder in Action: The Planetary iPad App



Cinder in Action: Gallery Samples



<http://libcinder.org/gallery>

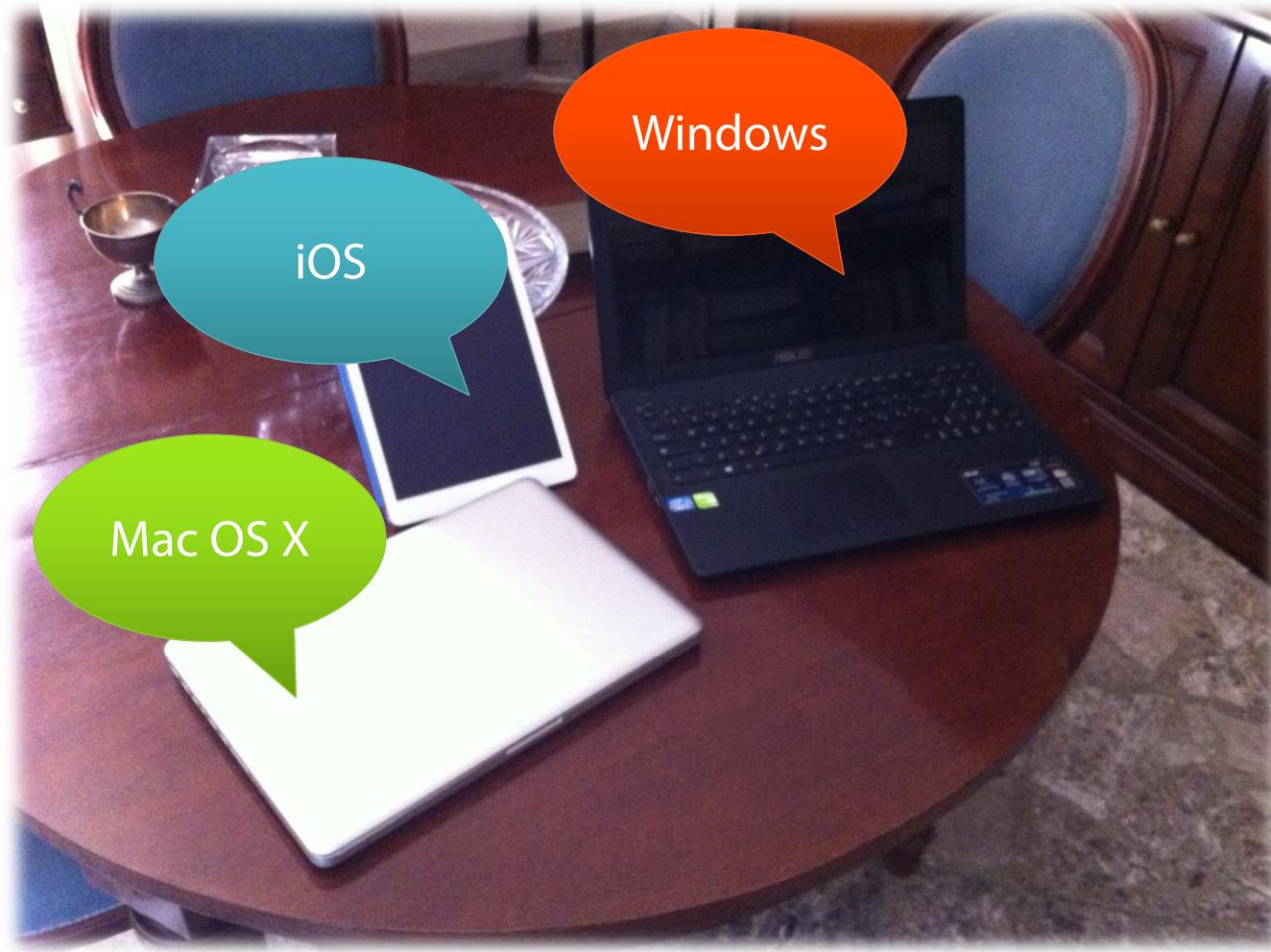
Cinder Won Cannes Innovation Lion!



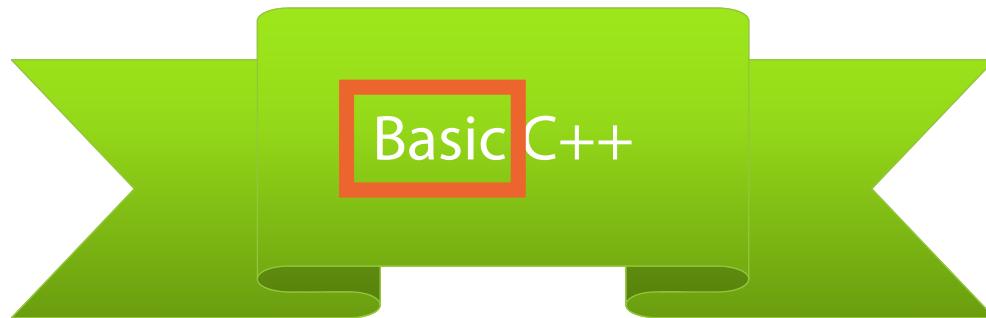
June 2013:
Cinder won the highest honor
in the ad industry:
Grand Prix in Innovation
at the **Cannes Lions** festival.

[http://tinyurl.com/
og39m5b](http://tinyurl.com/og39m5b)

Cross-Platform



Prerequisites (1/2)



Prerequisites (1/2)



Prerequisites (2/2)

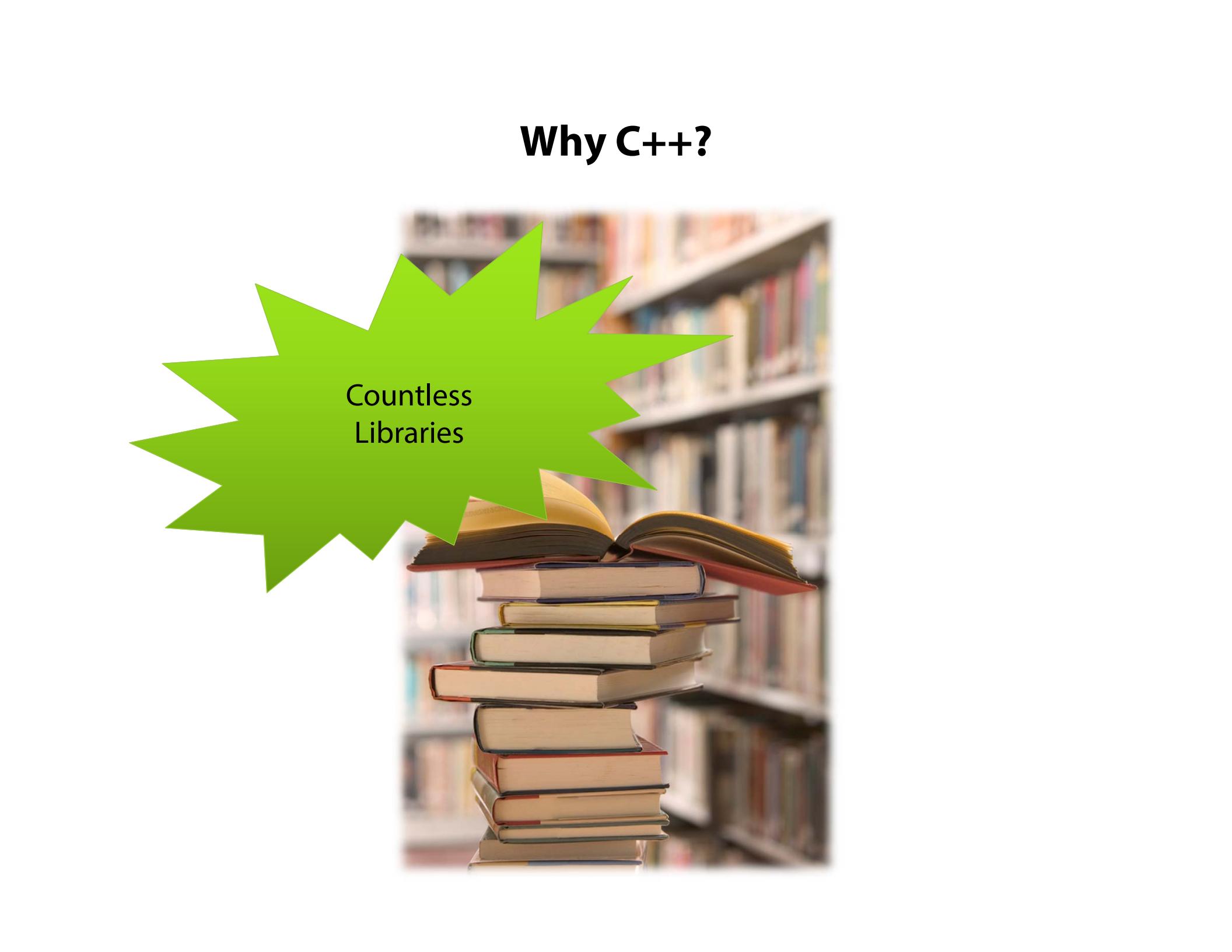
Curiosity!



Why C++?



Why C++?



Countless
Libraries

Why C++?

Modern C++

Simple Code

Resource Wrappers
No Leaks

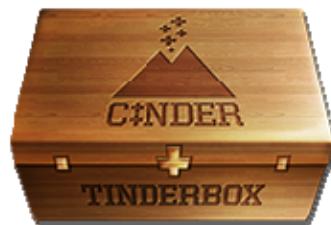
Course Organization



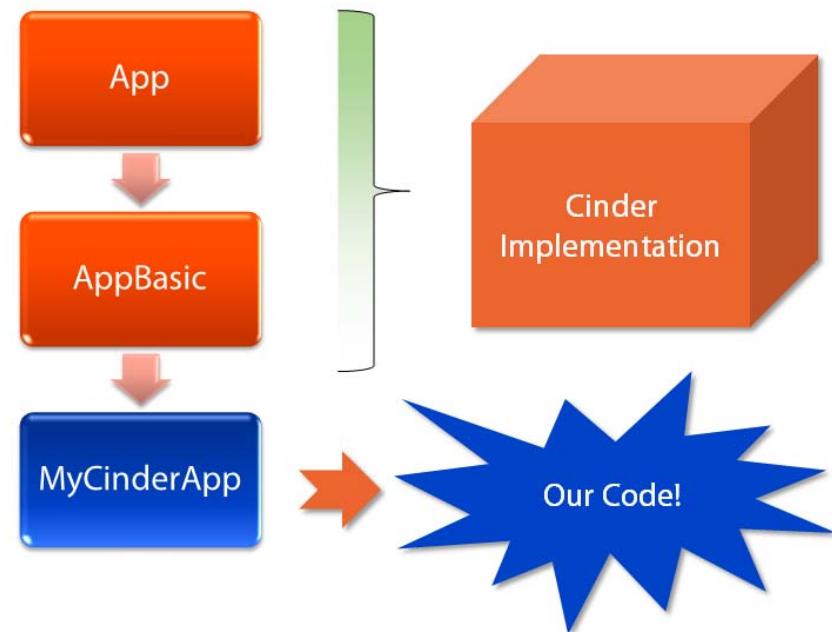
M1: Introduction



M2: Getting Started



Cinder Application Class Hierarchy



M3: 2D Drawing Basics

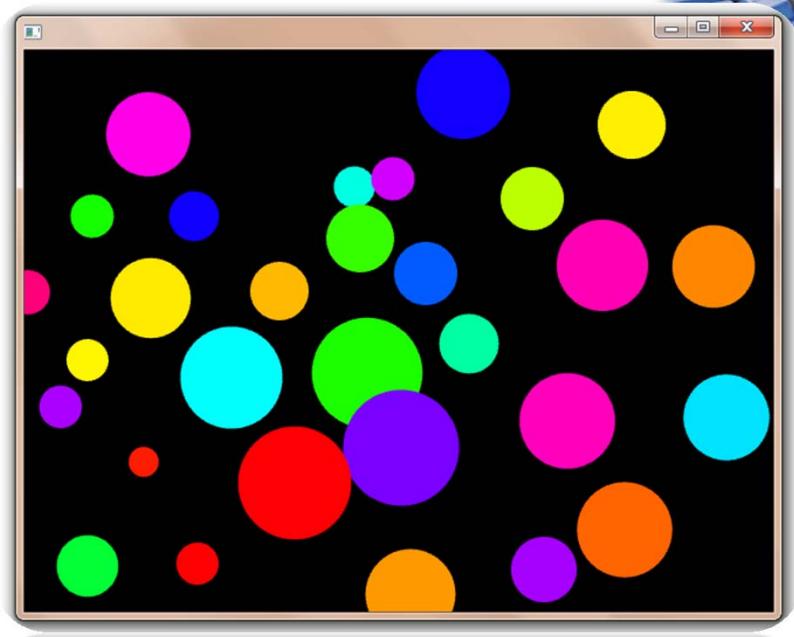
`gl::drawSolid...`



`gl::drawStroked...`



M4: User Input



M5: Images, Resources and Surfaces

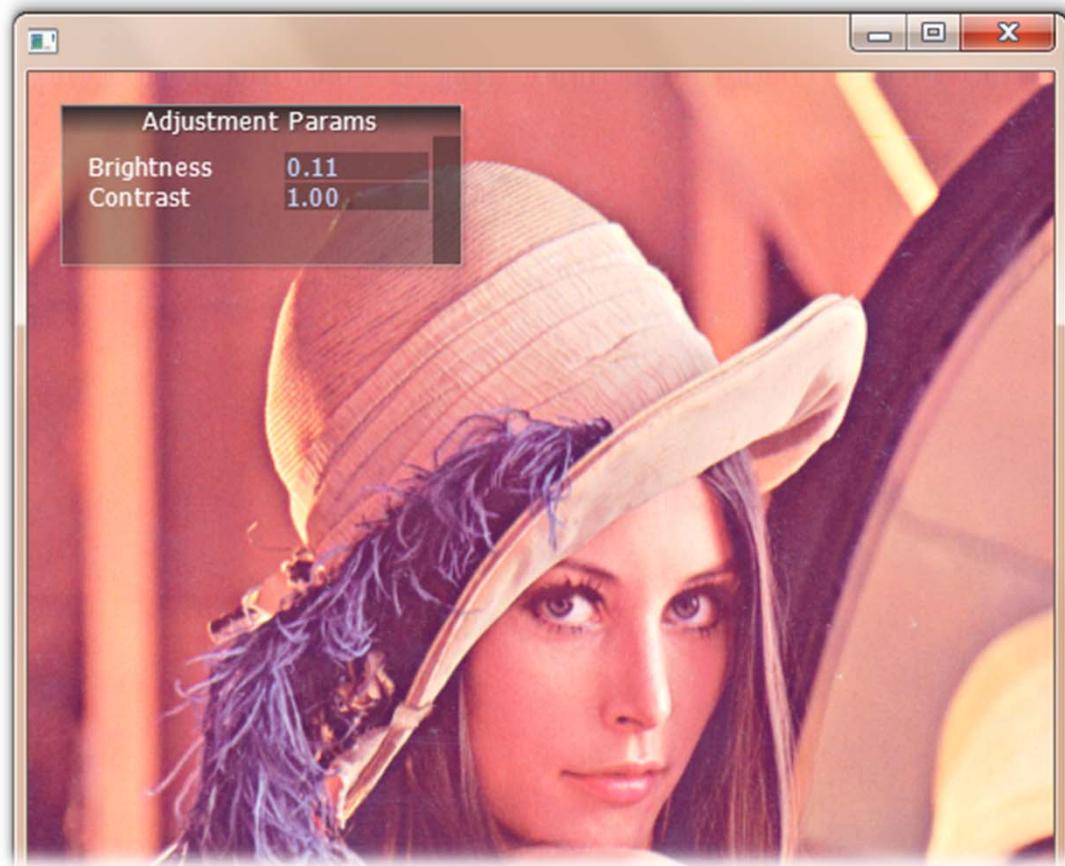


gl::Texture (GPU)

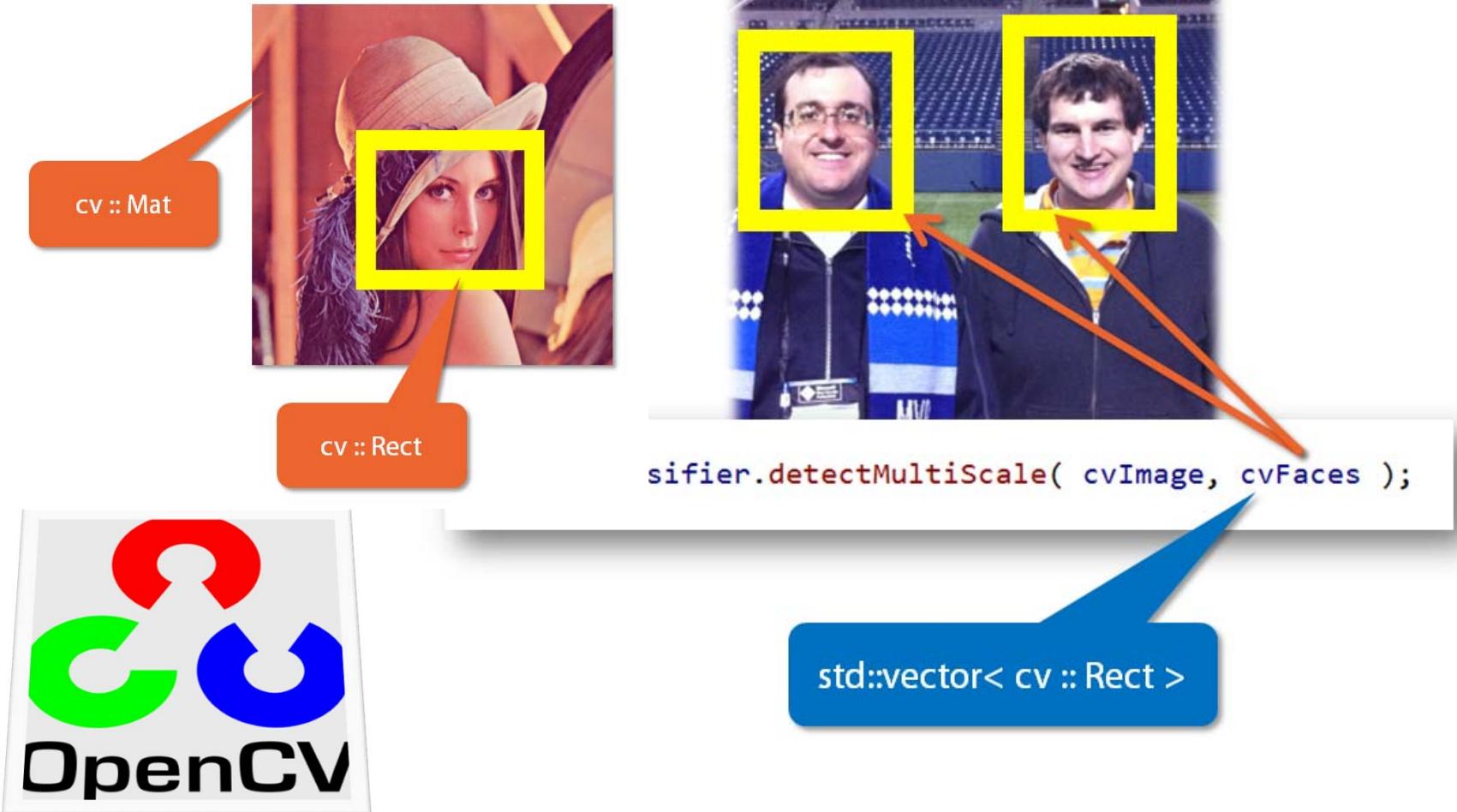
Image on screen

gl::draw()

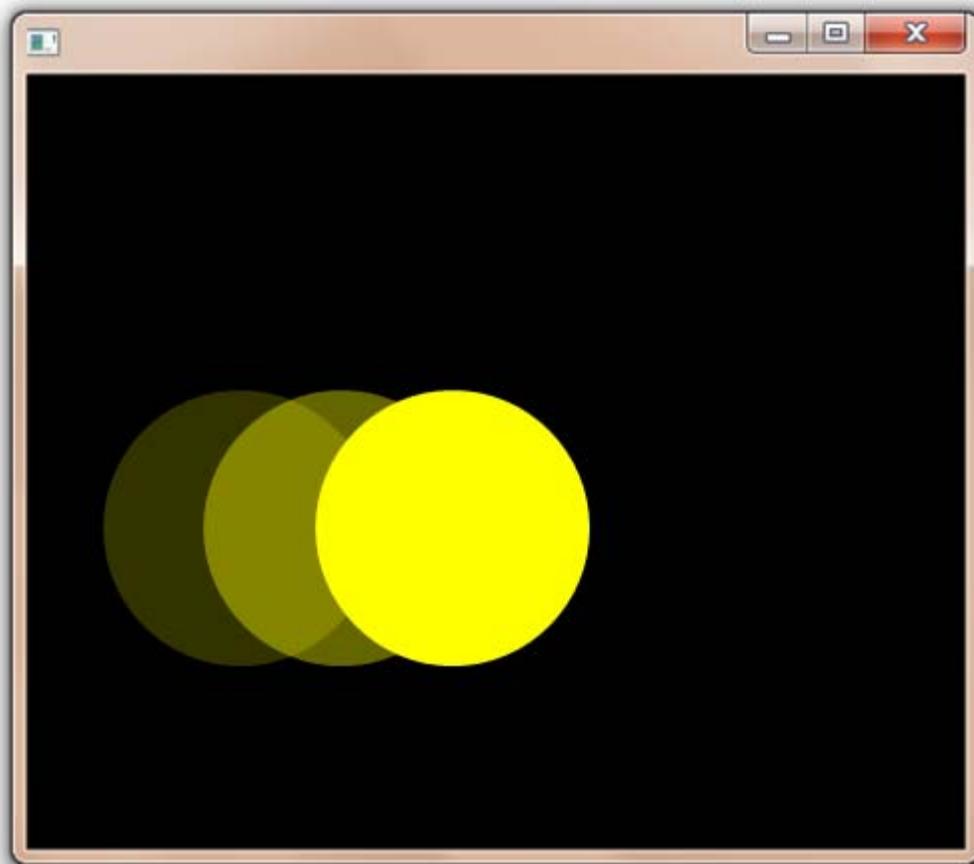
M6: Image Processing Basics and InterfaceGI



M7: Face Detection With OpenCV



M8: Animation Basics



Thank You! ☺



Mike Woodring
Pluralsight VP



Beth Gerard-Hess
Pluralsight Editor



Reviewers



Thank You! ☺



You!