

# Personal Gadgets & the Library

Infopeople  
October 9, 2012

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Head of Library Information Technology  
University of Tennessee at Chattanooga

# Talking Points

- Post PC World
- Numbers
- Operating Systems vs Devices
- Best Practices
- LibraryBox

What does a Post-PC world  
look like?



2000



Height: 291mm

2010



Height: 115.2mm

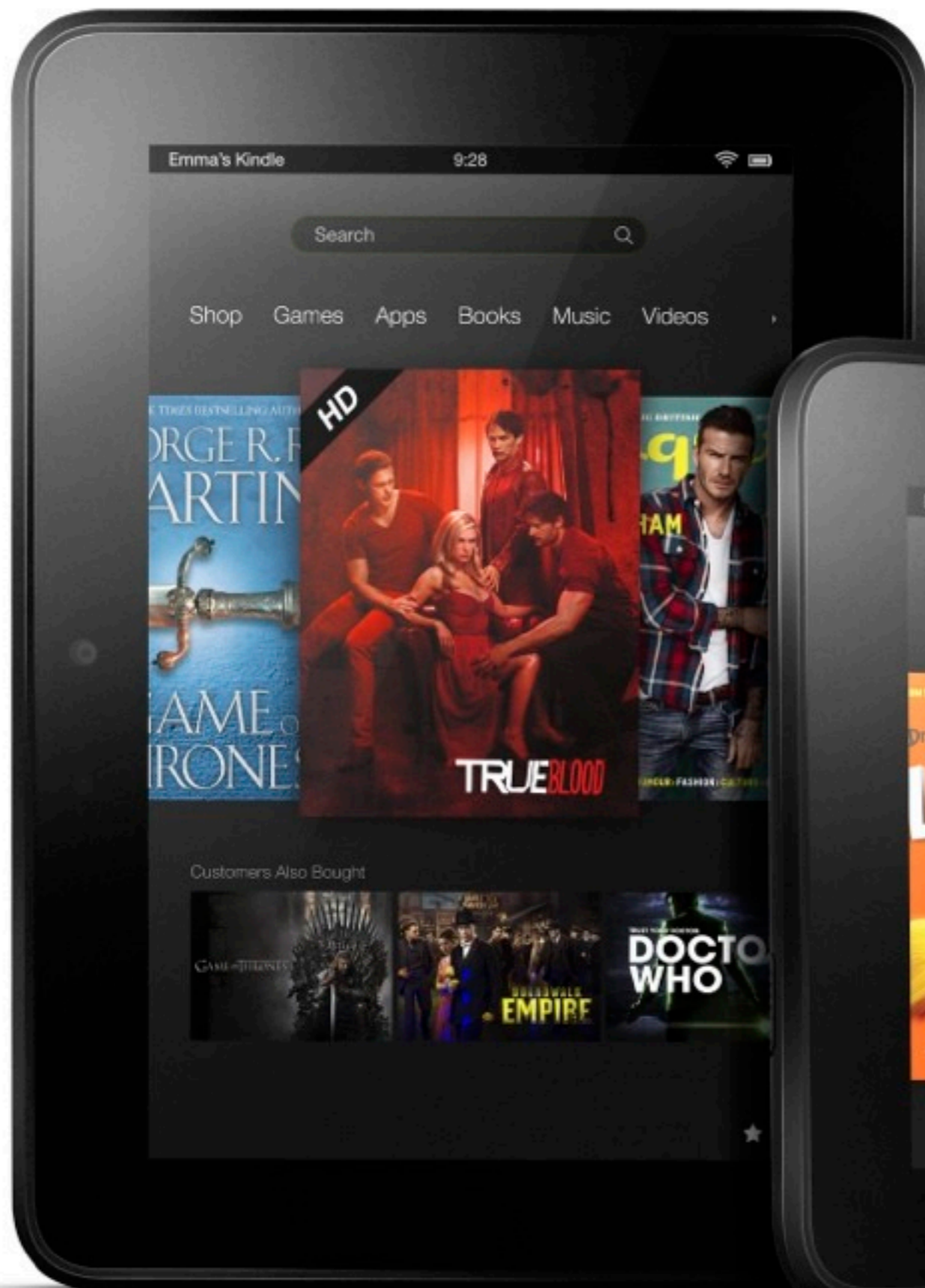
single-purpose devices

When I wake up, the other side of the bed is cold. My fingers stretch out, seeking Prim's warmth but finding only the rough canvas cover of the mattress. She must have had bad dreams and climbed in with our mother. Of course, she did. This is the day of the reaping.

I prop myself up on one elbow. There's enough light in the bedroom to see them. My little sister, Prim, curled up on her side, cocooned in my mother's body, their cheeks pressed together. In sleep, my mother looks younger, still worn but not so beaten-down. Prim's face is as fresh as a raindrop, as lovely as the primrose for which she was named. My mother was very beautiful once, too. Or so they tell me.

Sitting at Prim's knees, guarding her, is the world's ugliest cat. Mashed-in nose, half of one ear missing, eyes the color of rotting squash. Prim named him Buttercup, insisting that his muddy

multi-purpose devices







ASUS

Taipei

Sunny

28°C

Nov 09

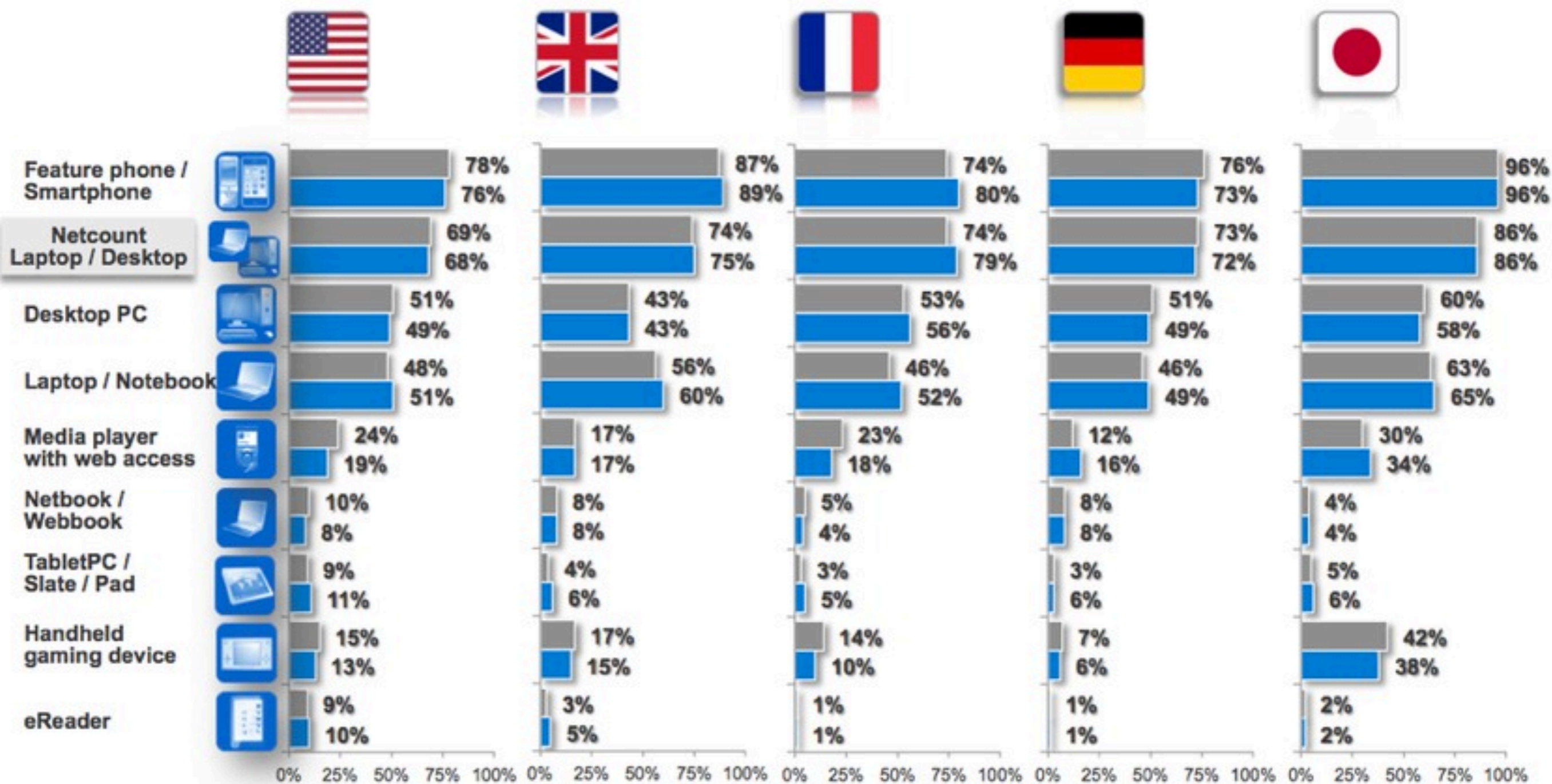
23 miles

03:24

numbers

# Consumer Usage by Device

## More Consumers Use a Mobile Phone than Use a Computer



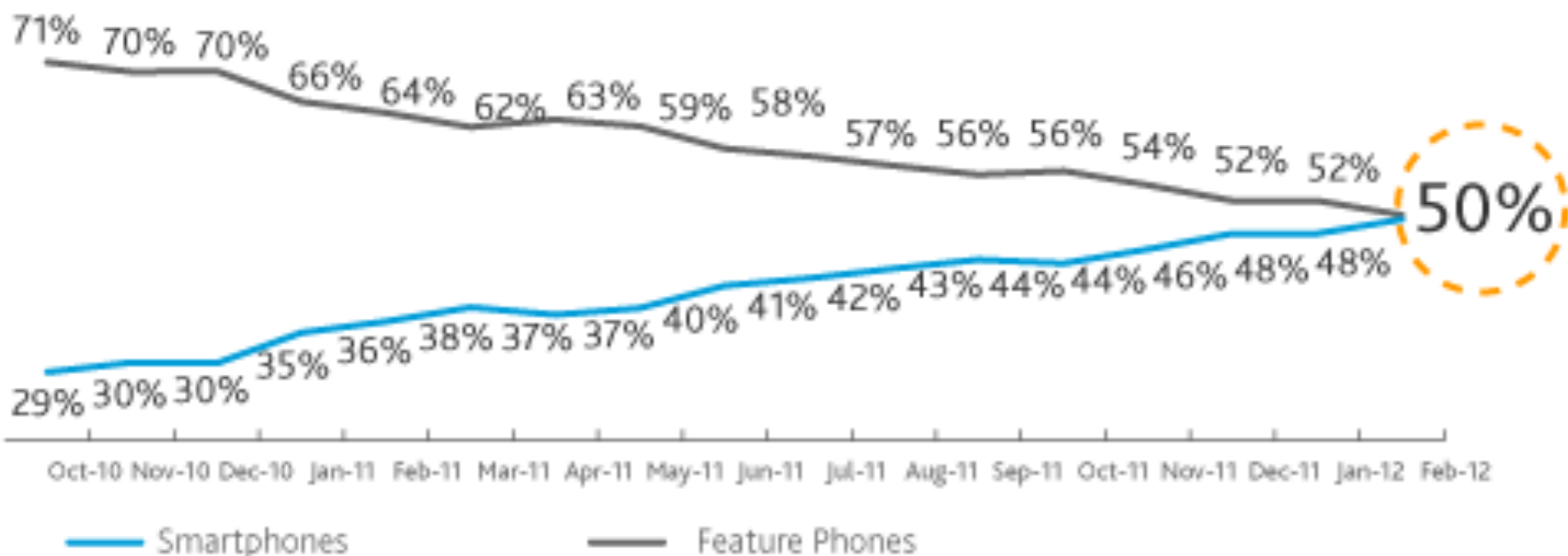
■ Phase 1 (Jan+Feb 2011)  
 ■ Phase 2 (Sept+Oct 2011)



Base: All respondents, n=2000 per country per wave  
 Q1: Which, if any, of the following devices do you currently use?

# U.S. Smartphone Penetration

February 2012, Nielsen Mobile Insights



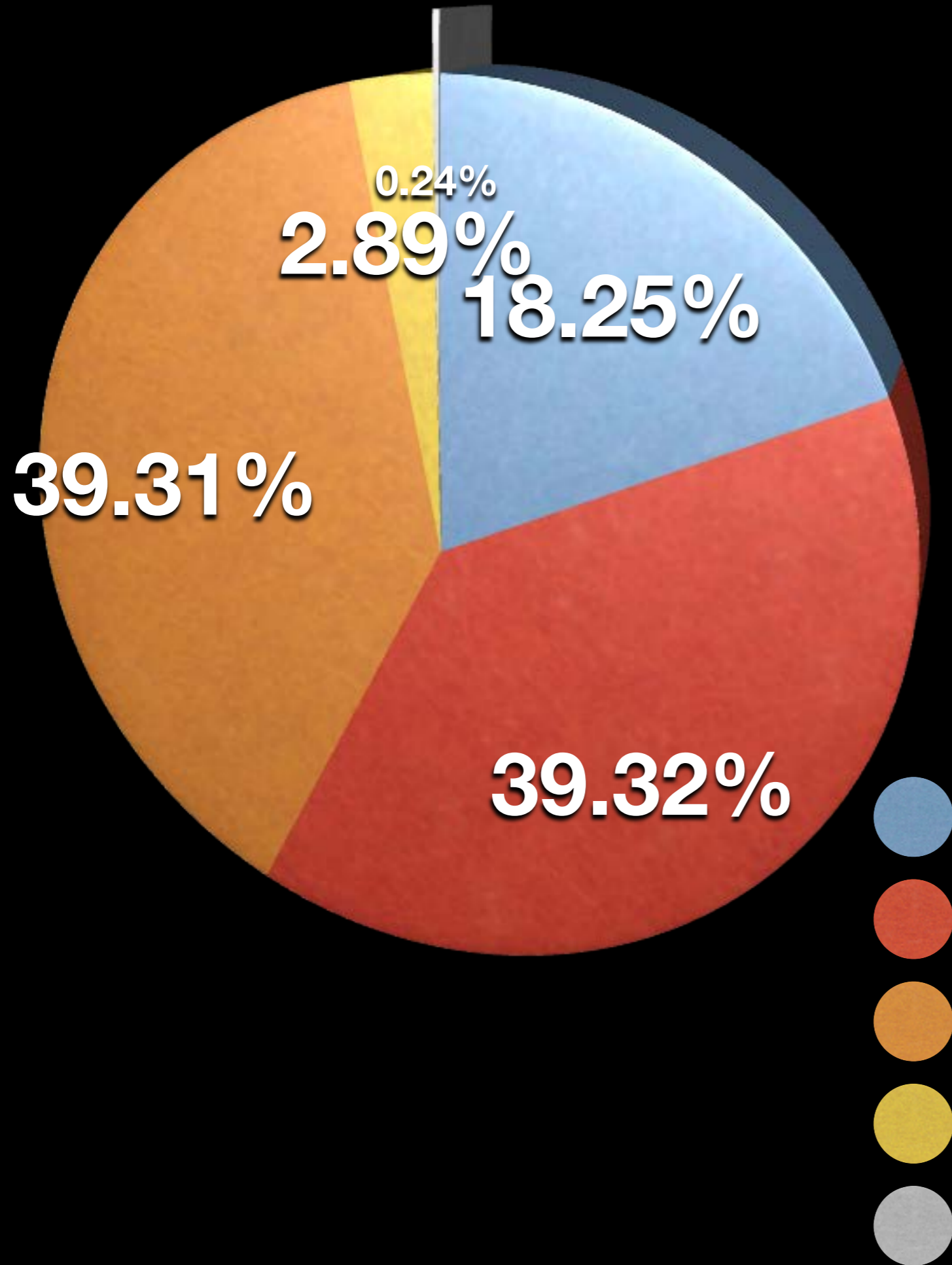
Read as: During February 2012, 50 percent of US mobile subscribers owned a smartphone

Source: Nielsen

nielsen

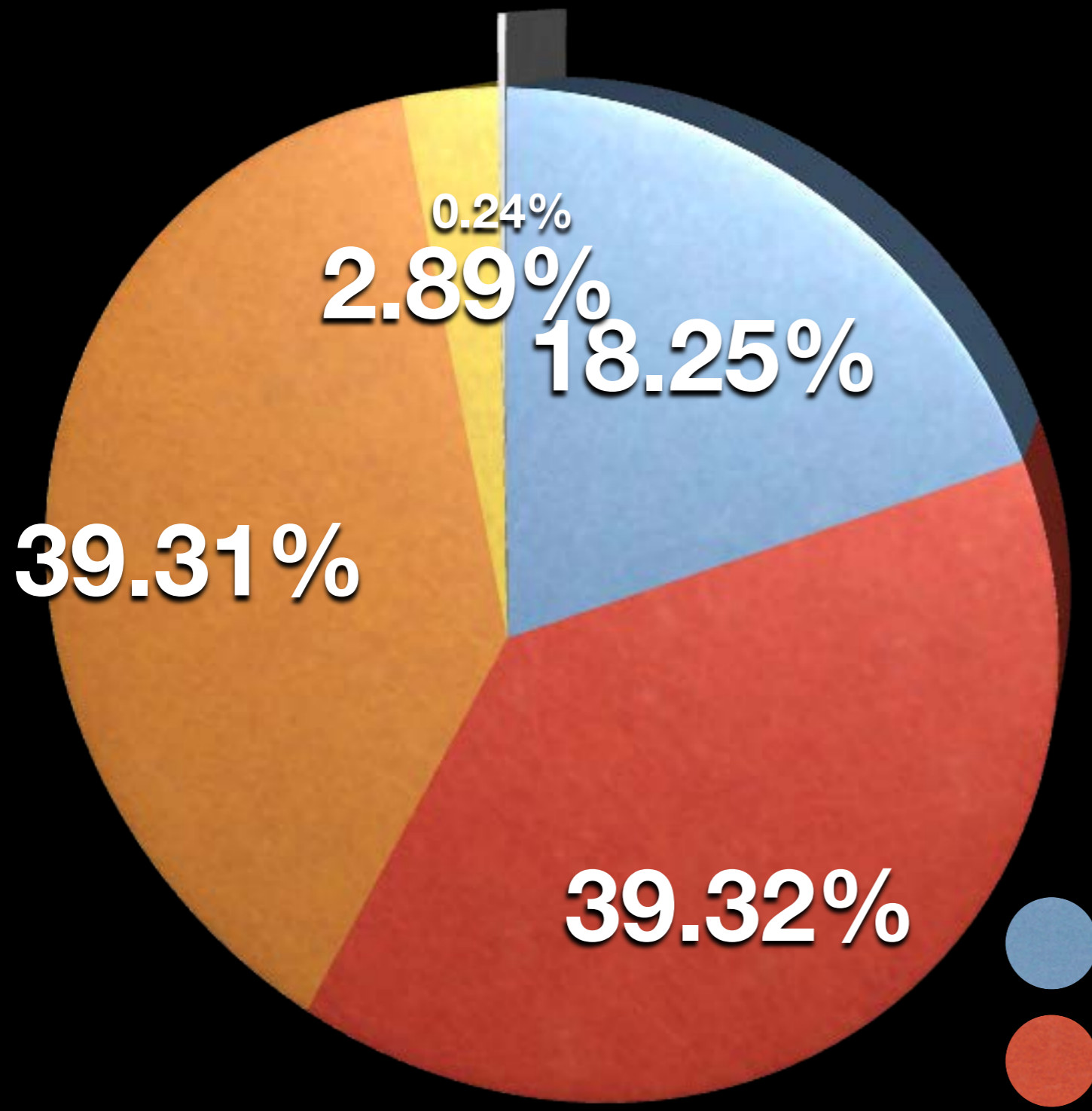
# Type of Device on Campus Network

## 2011



# Type of Device on Campus Network

## 2011

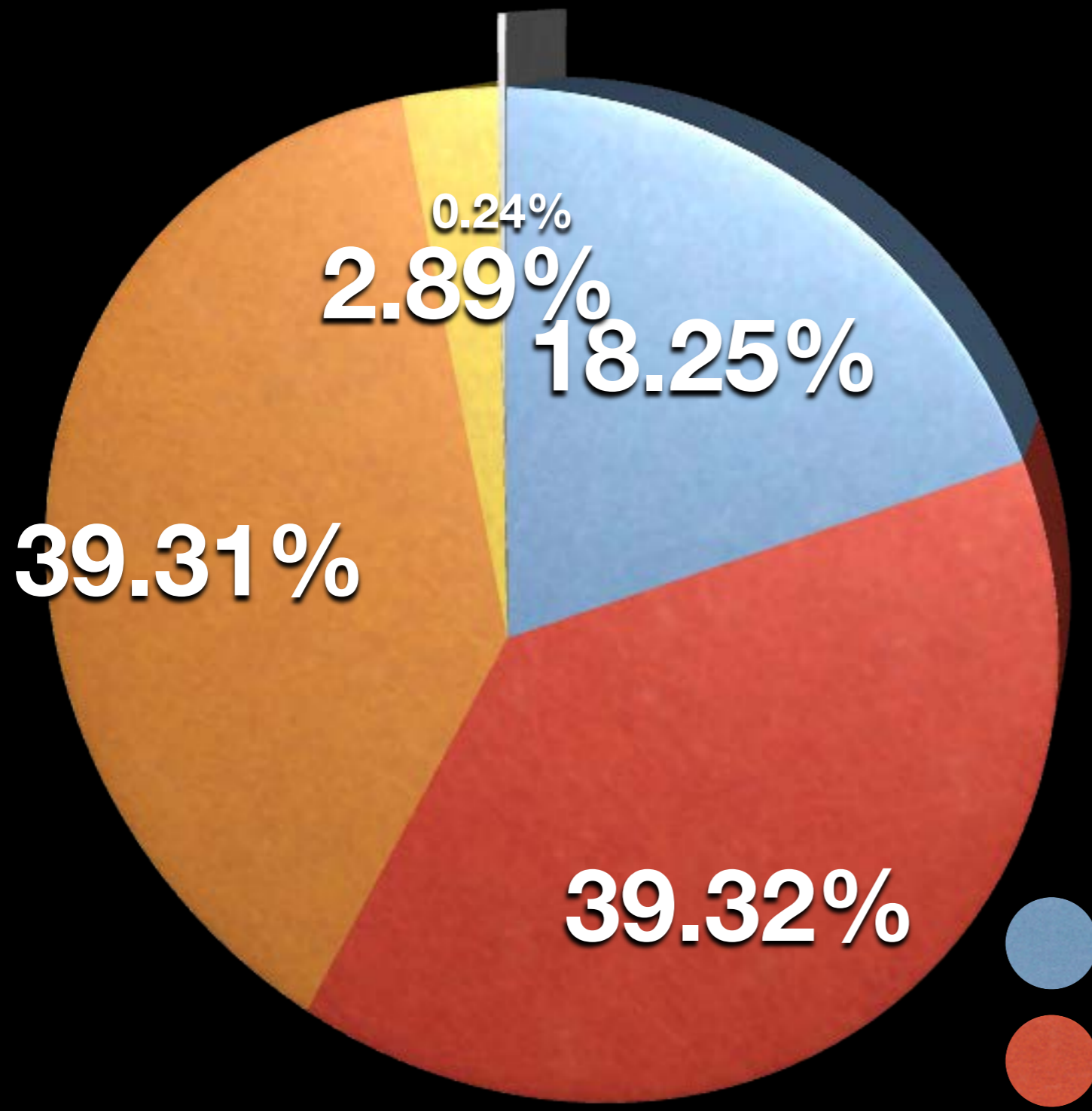


- Light Blue
- Red
- Yellow
- Grey

Other (Mostly Linux)

# Type of Device on Campus Network

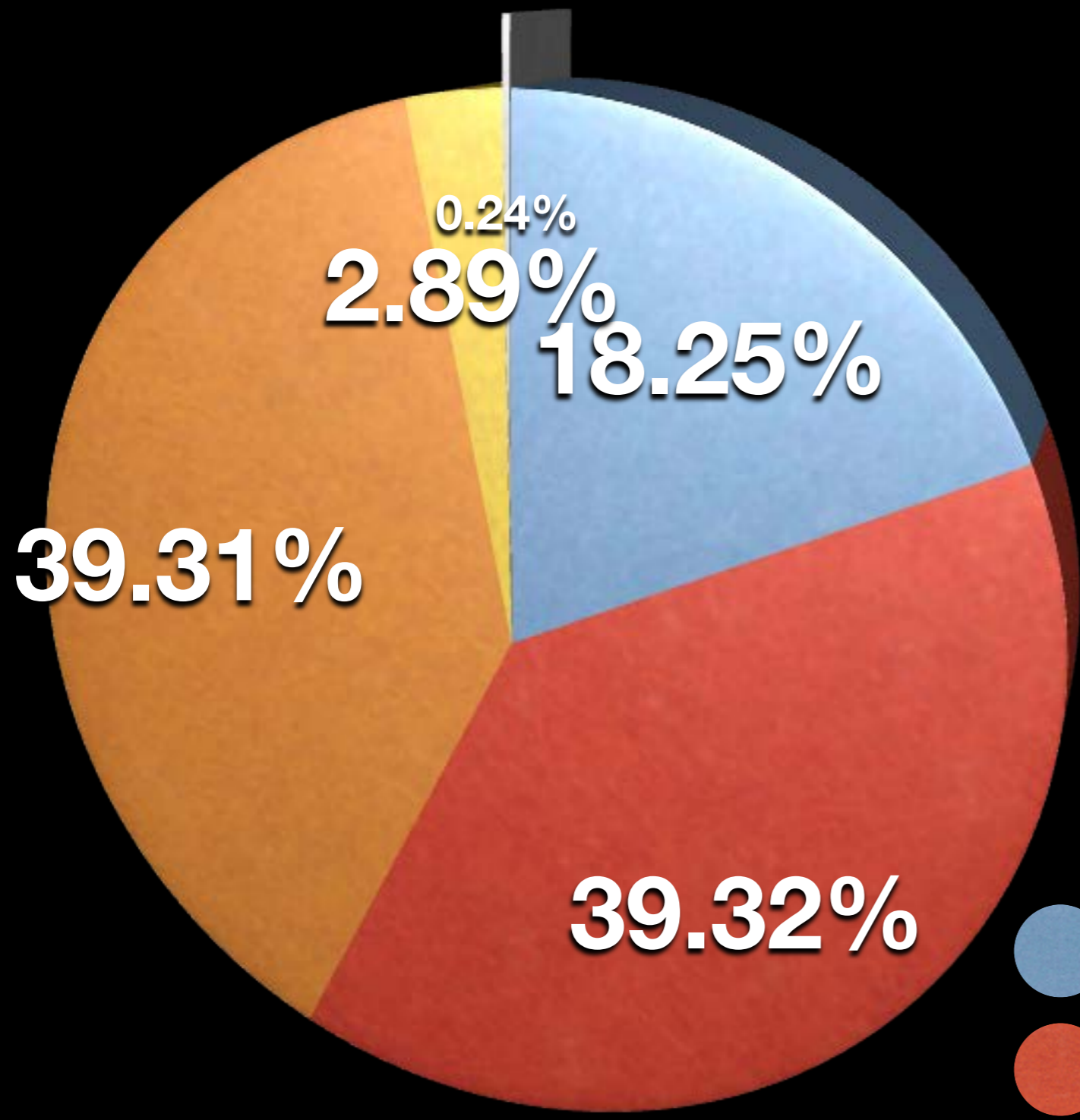
## 2011



- Light Blue
  - Red
  - Orange
  - Yellow
  - Grey
- Game Consoles
- Other (Mostly Linux)

# Type of Device on Campus Network

## 2011

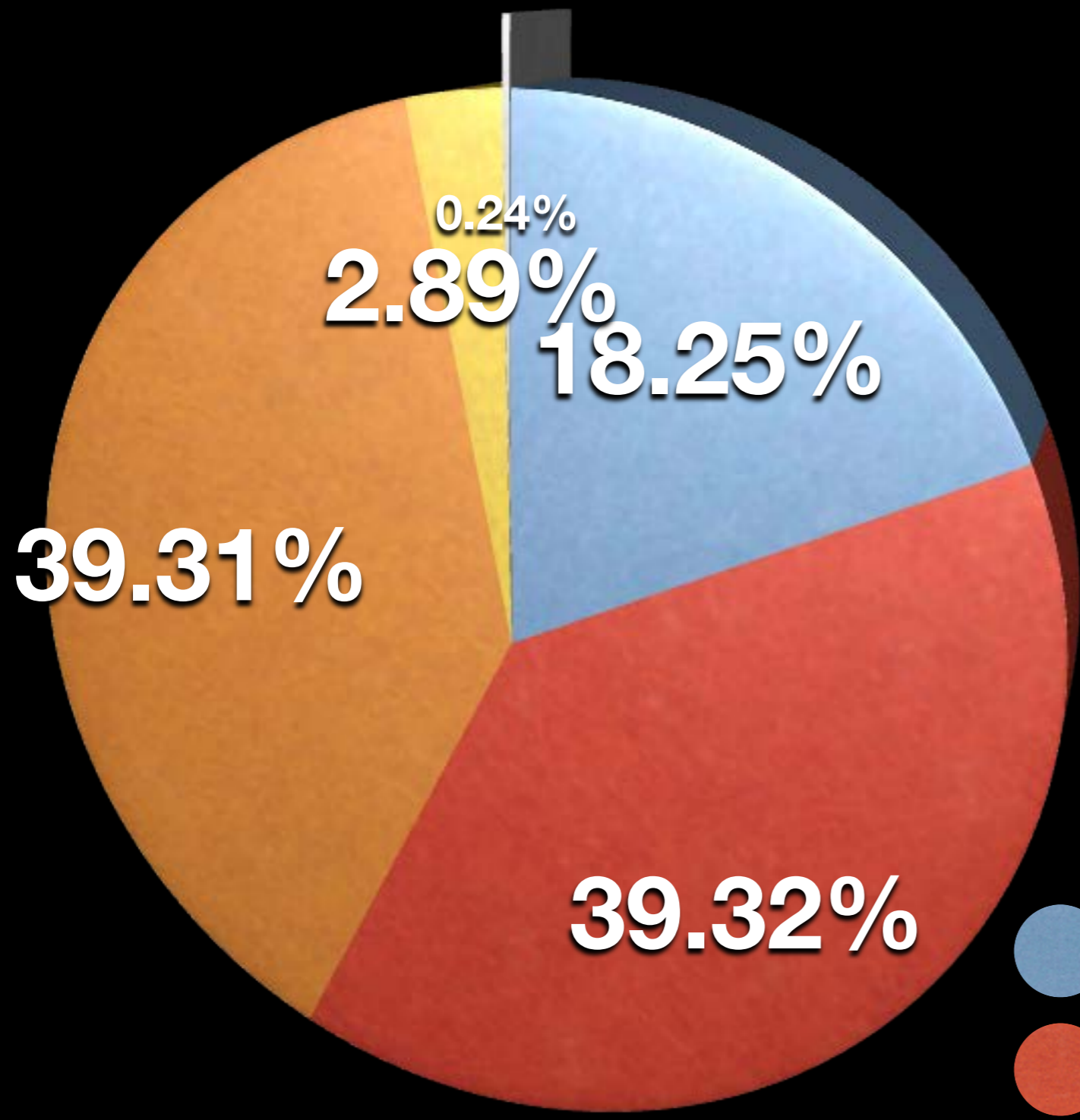


- Macintosh OSes
- Game Consoles
- Other (Mostly Linux)



# Type of Device on Campus Network

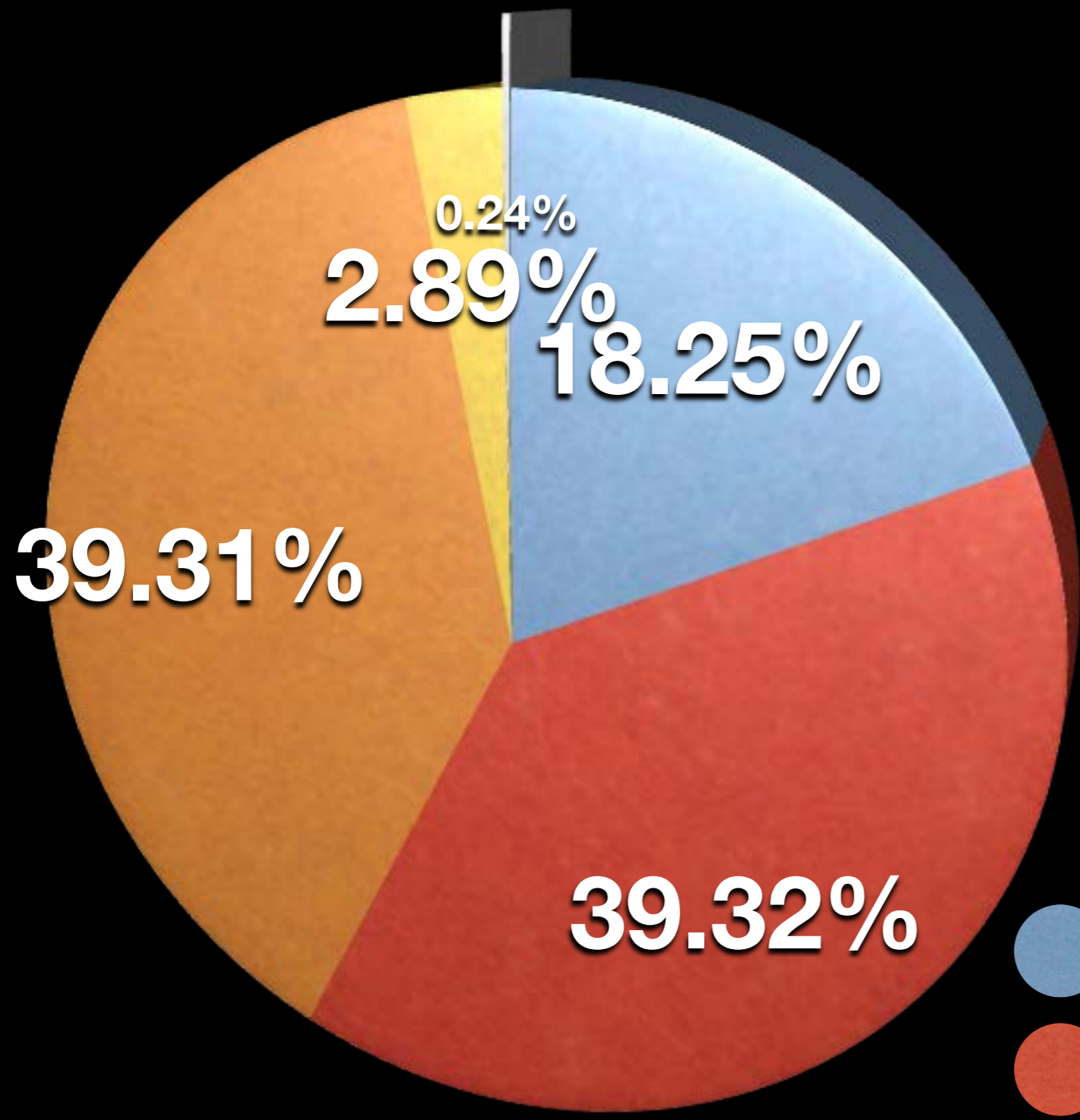
## 2011



- Macintosh OSes
- Windows OSes
- Game Consoles
- Other (Mostly Linux)

# Type of Device on Campus Network

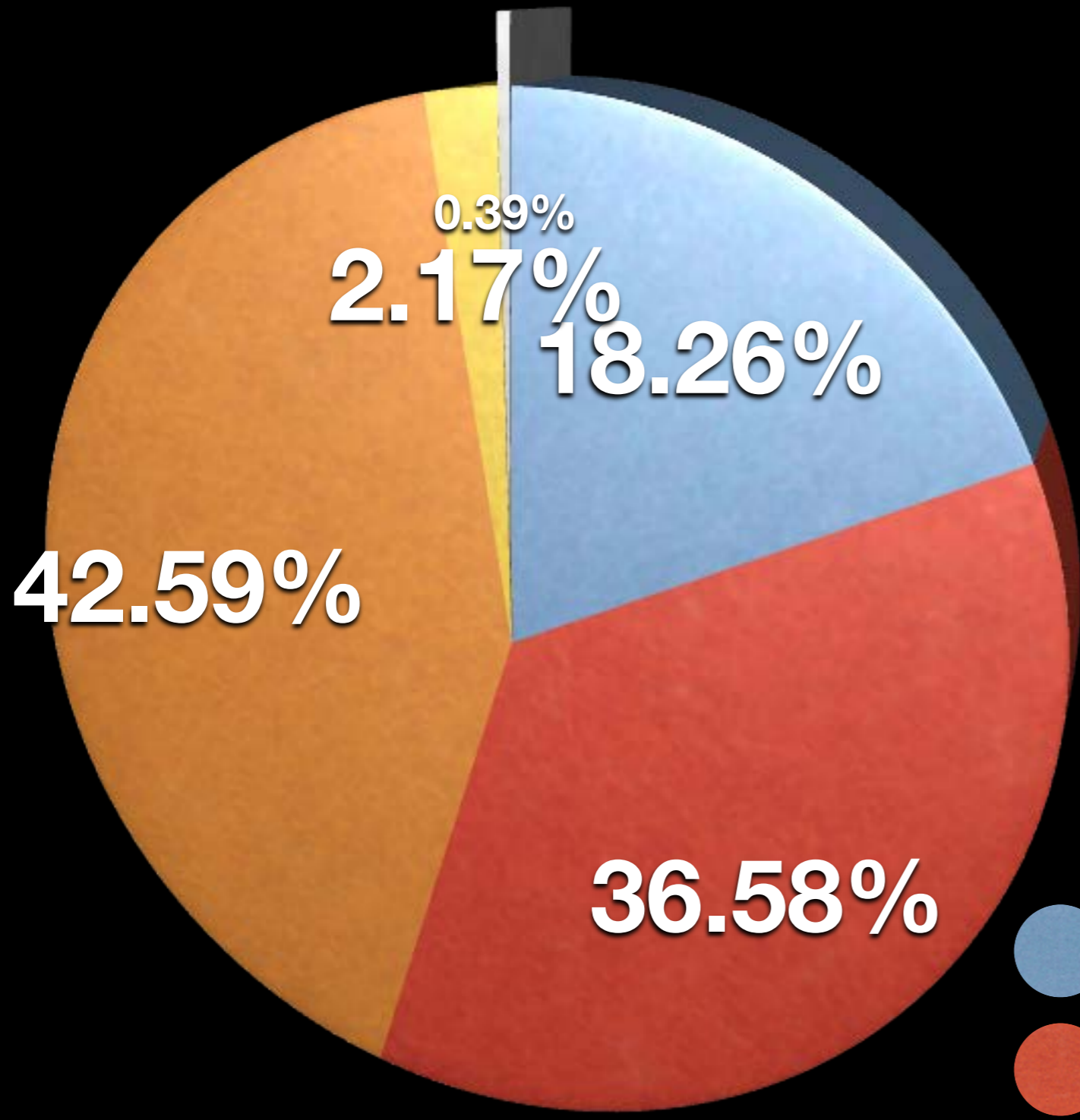
## 2011



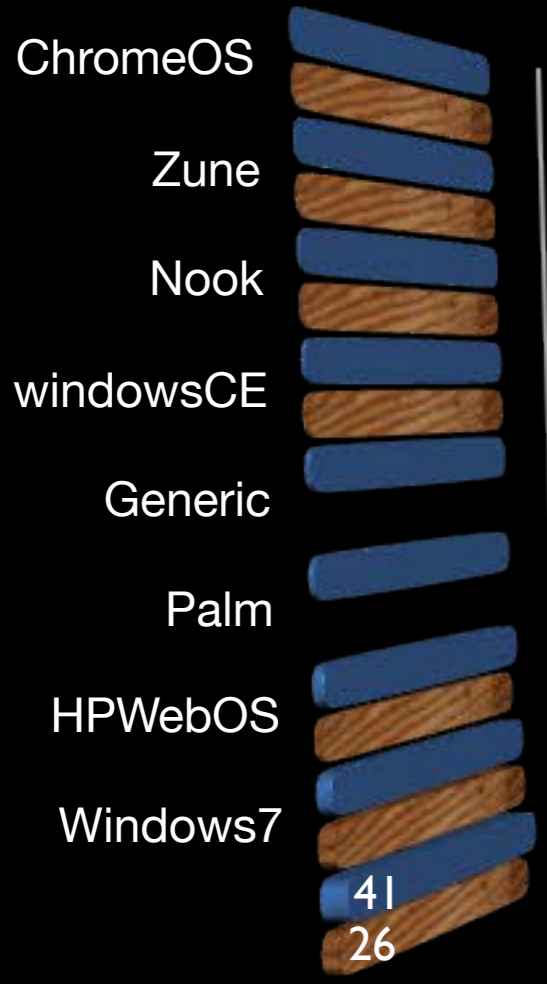
- Macintosh OSes
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- Mobile Devices
- Game Consoles
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# 2012

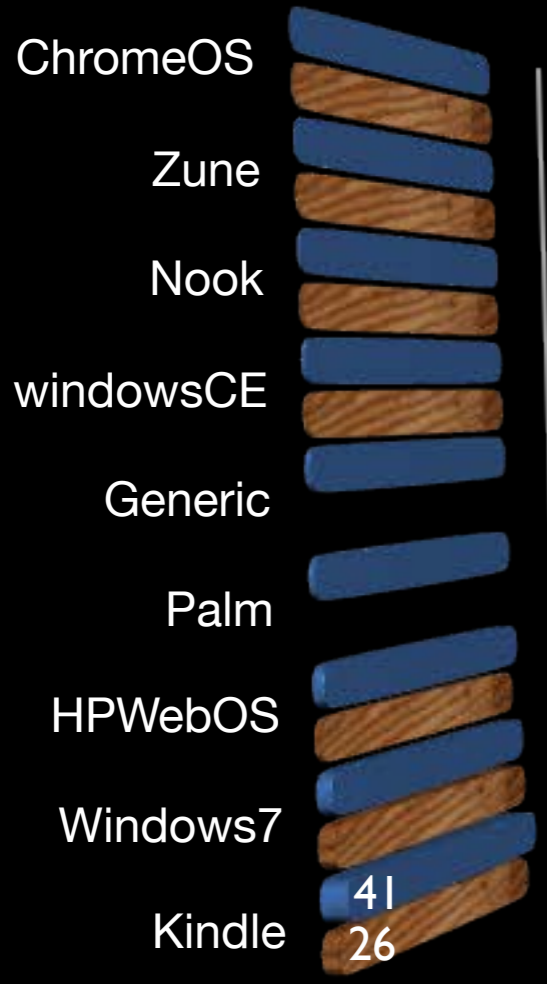


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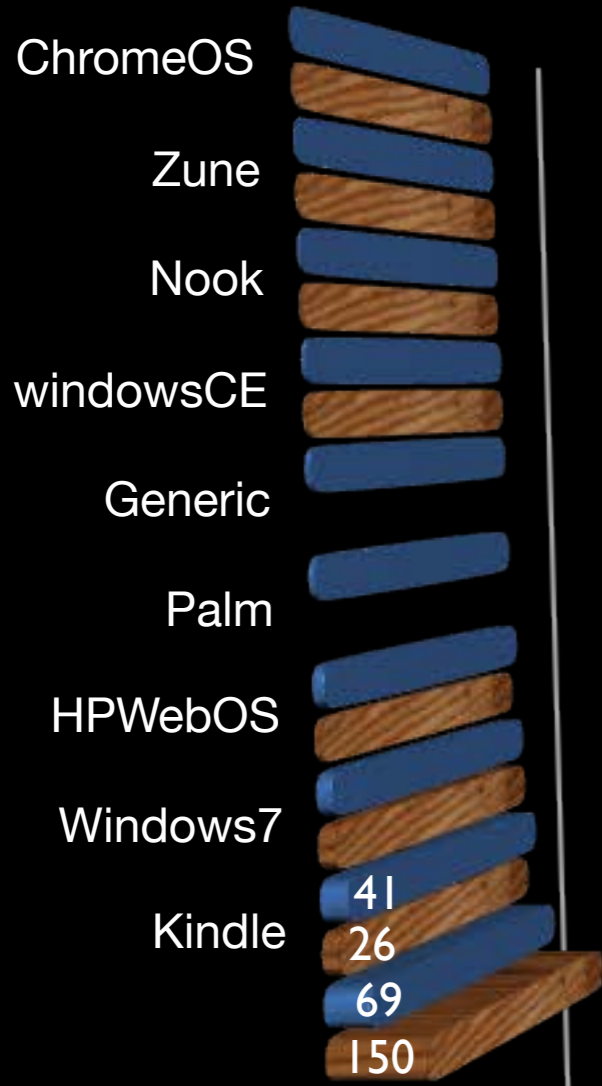
■ 2011

■ 2012



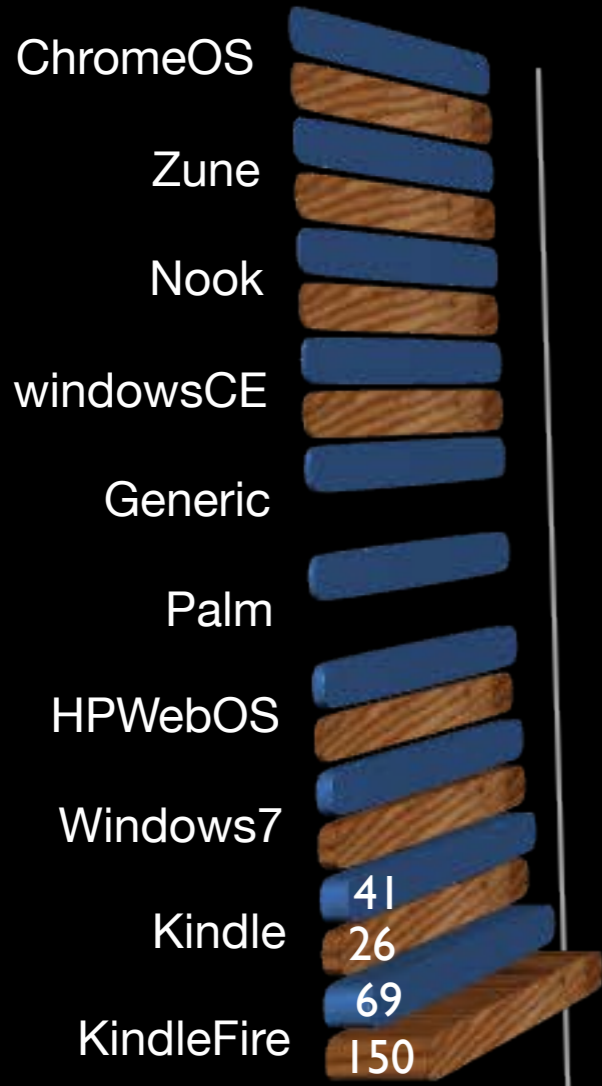
■ 2011

■ 2012



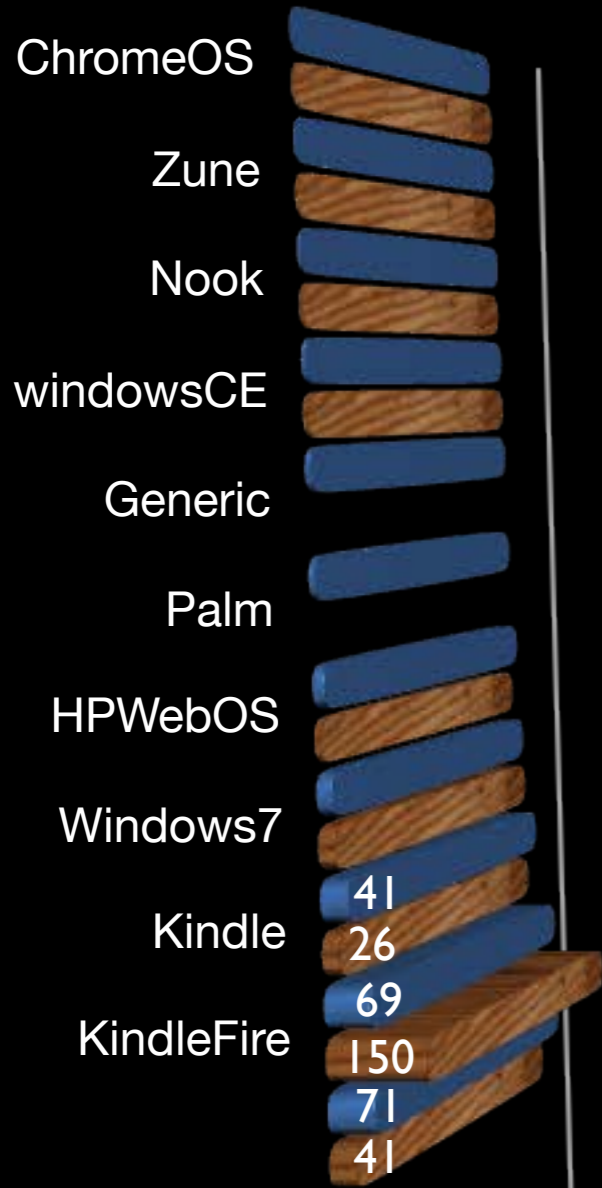
2011

2012



2011

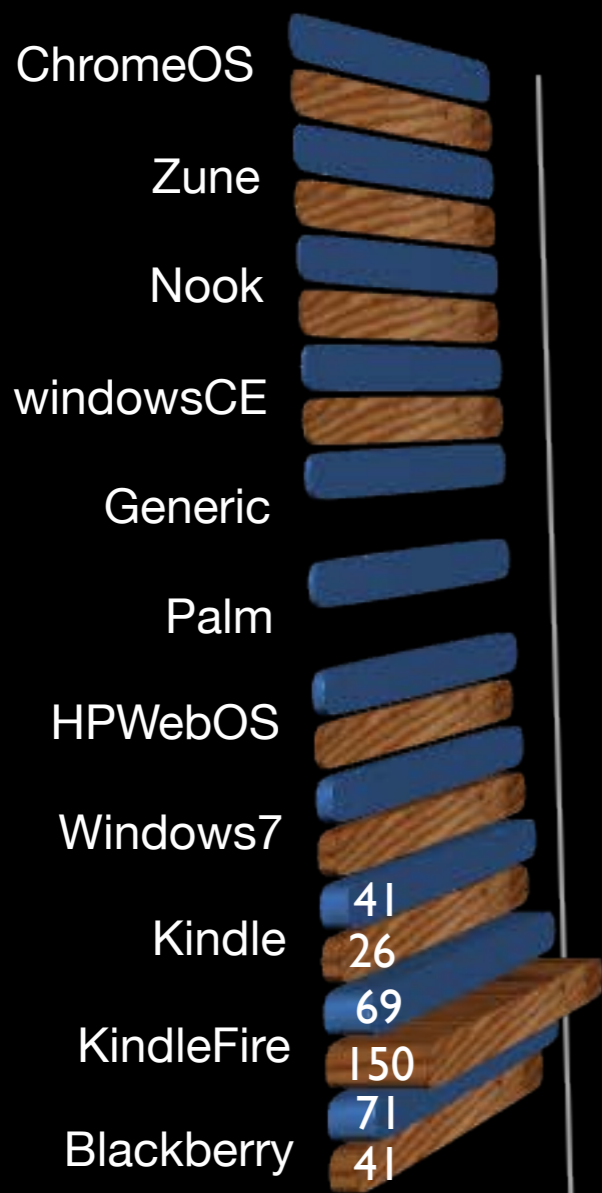
2012



■ 2011

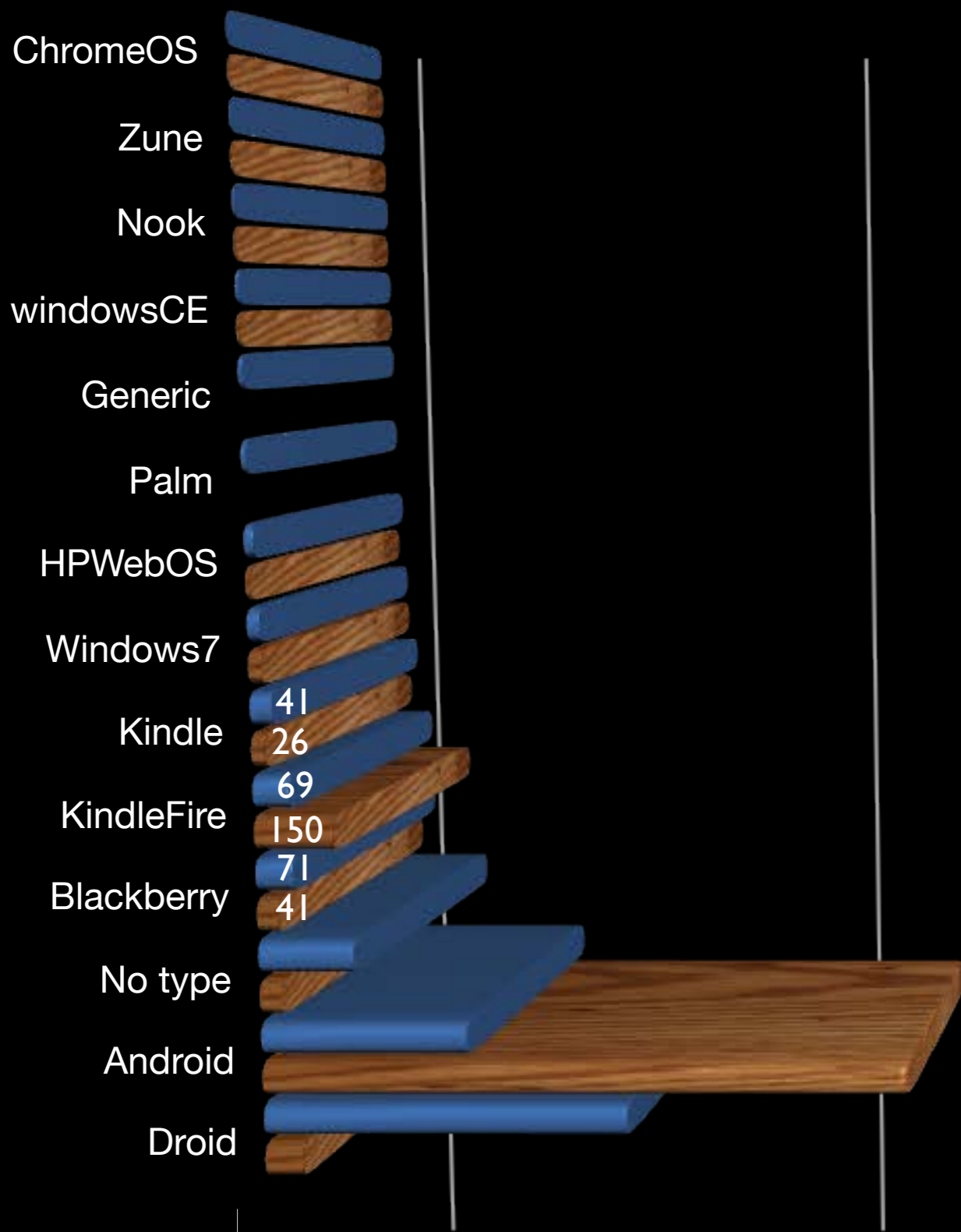
■ 2012





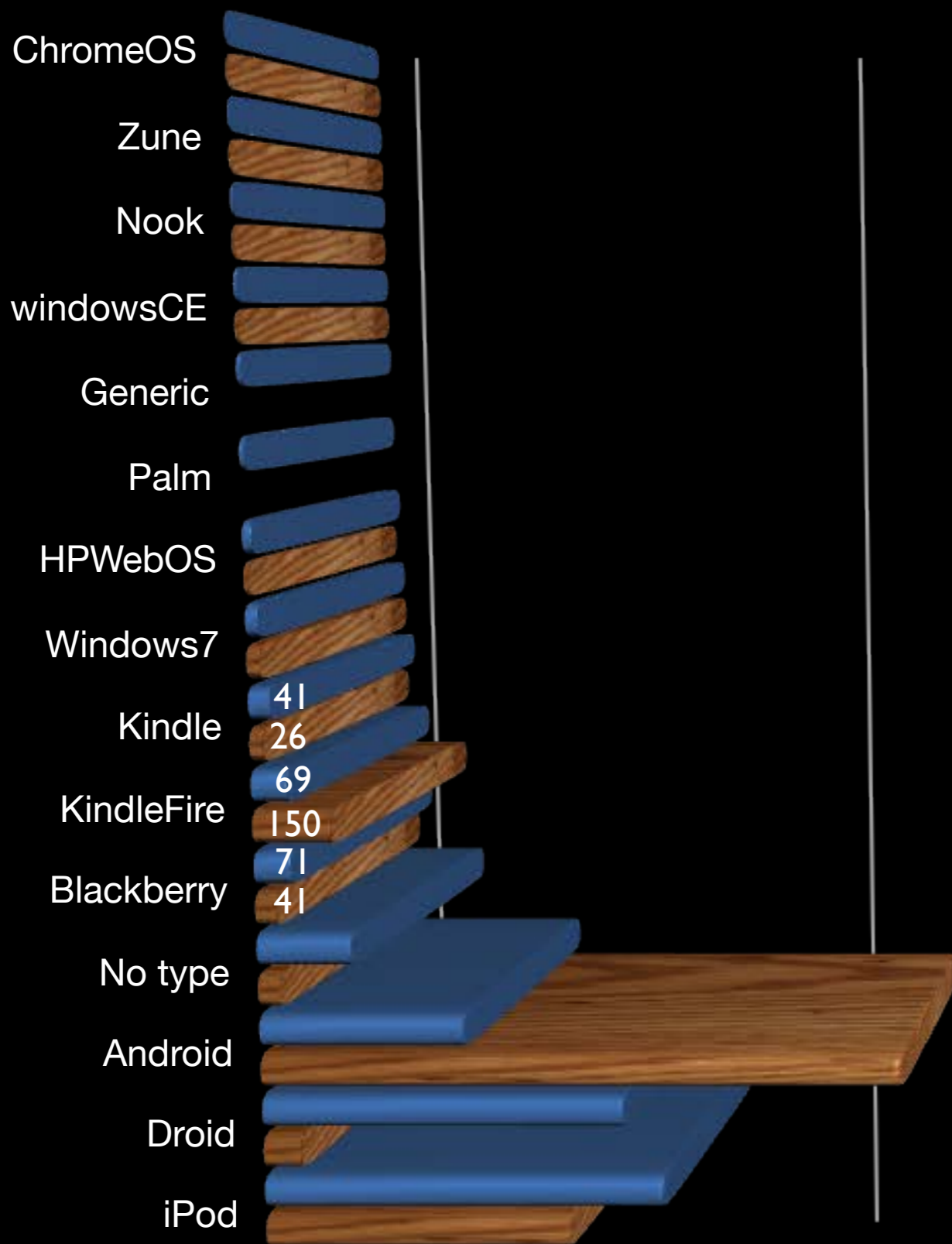
2011

2012



Android 2011: 1183  
 Android 2012: 1303

■ 2011    ■ 2012



Android 2011: 1183

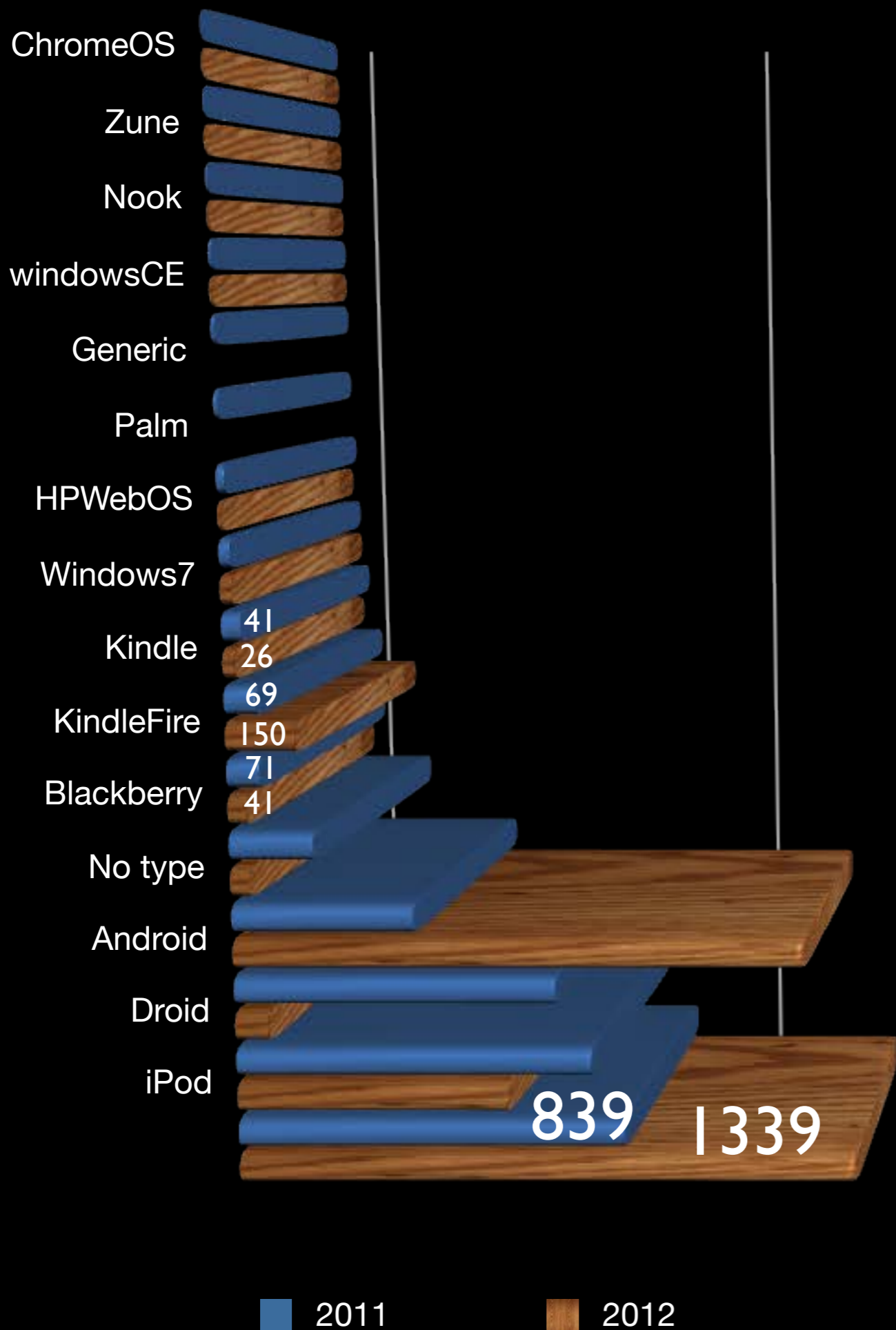
Android 2012: 1303

iPod 2011: 707

iPod 2012: 587

2011

2012

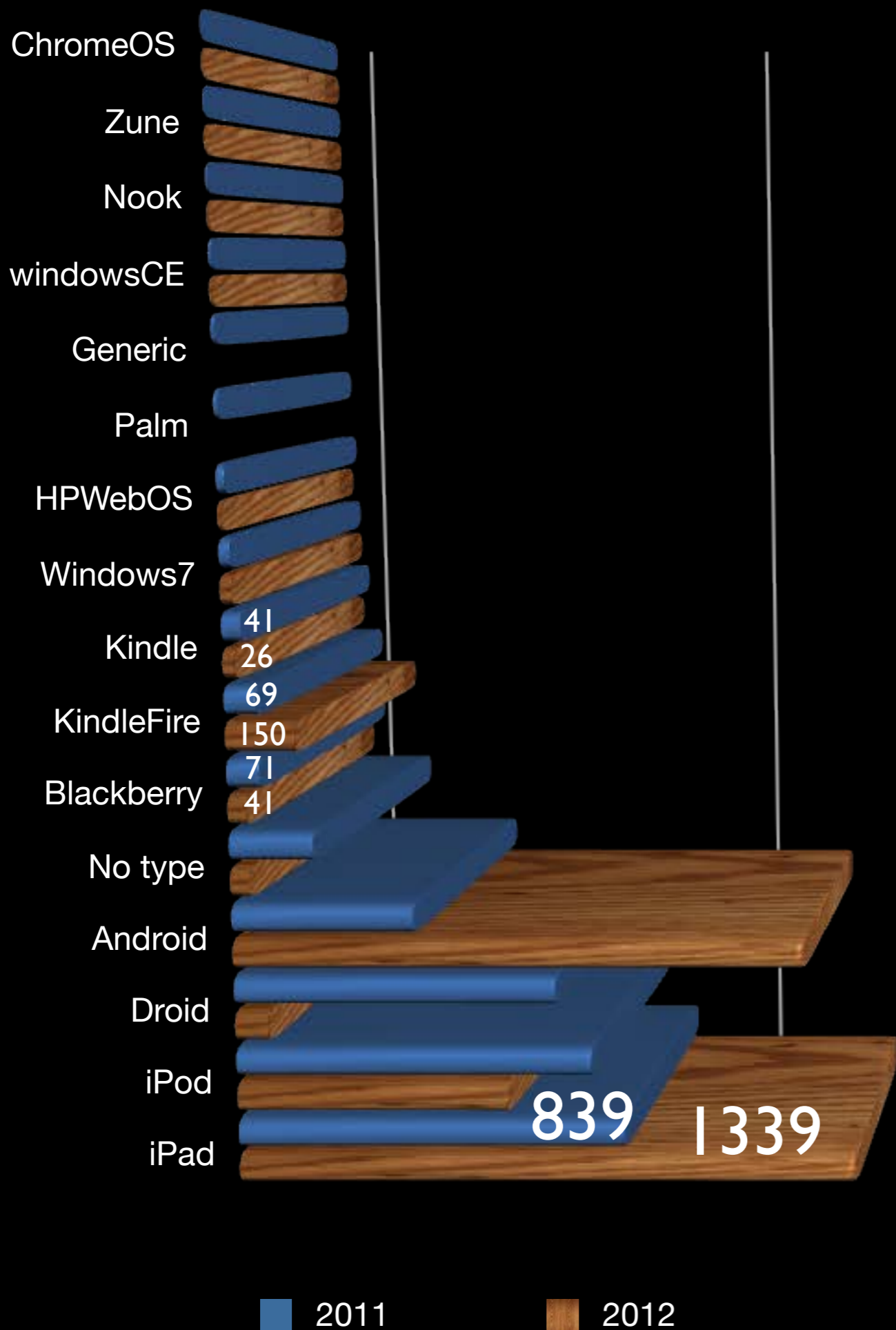


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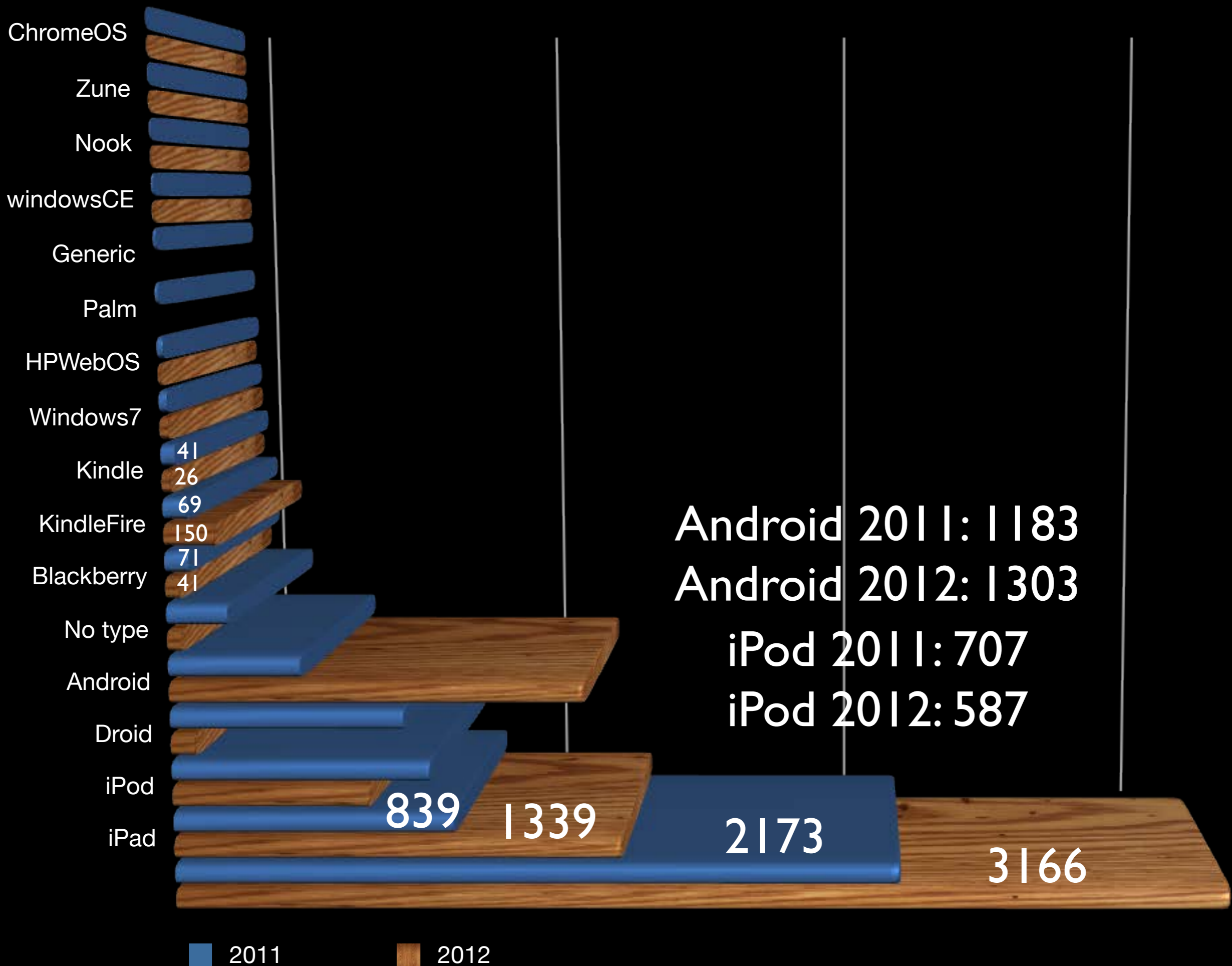


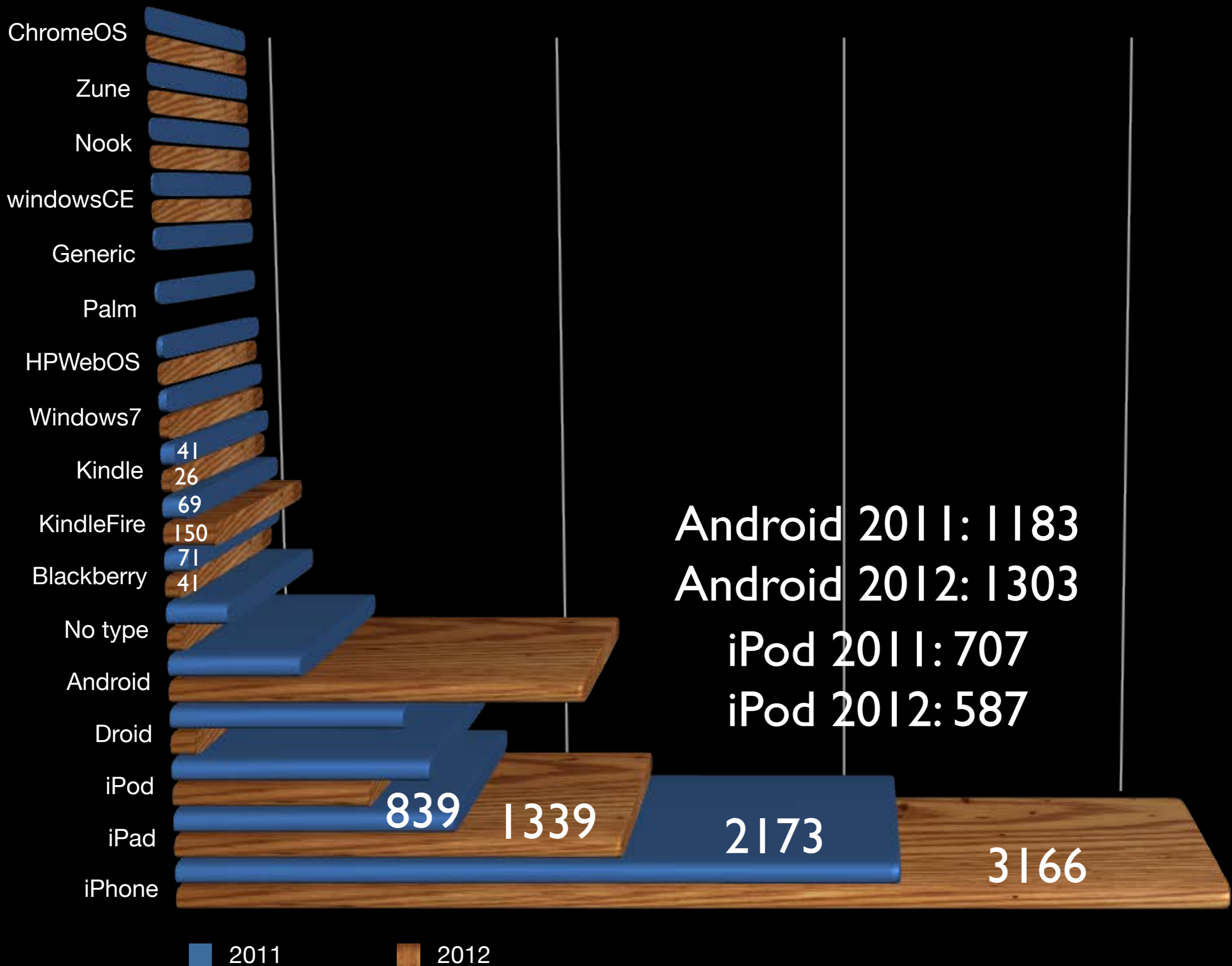
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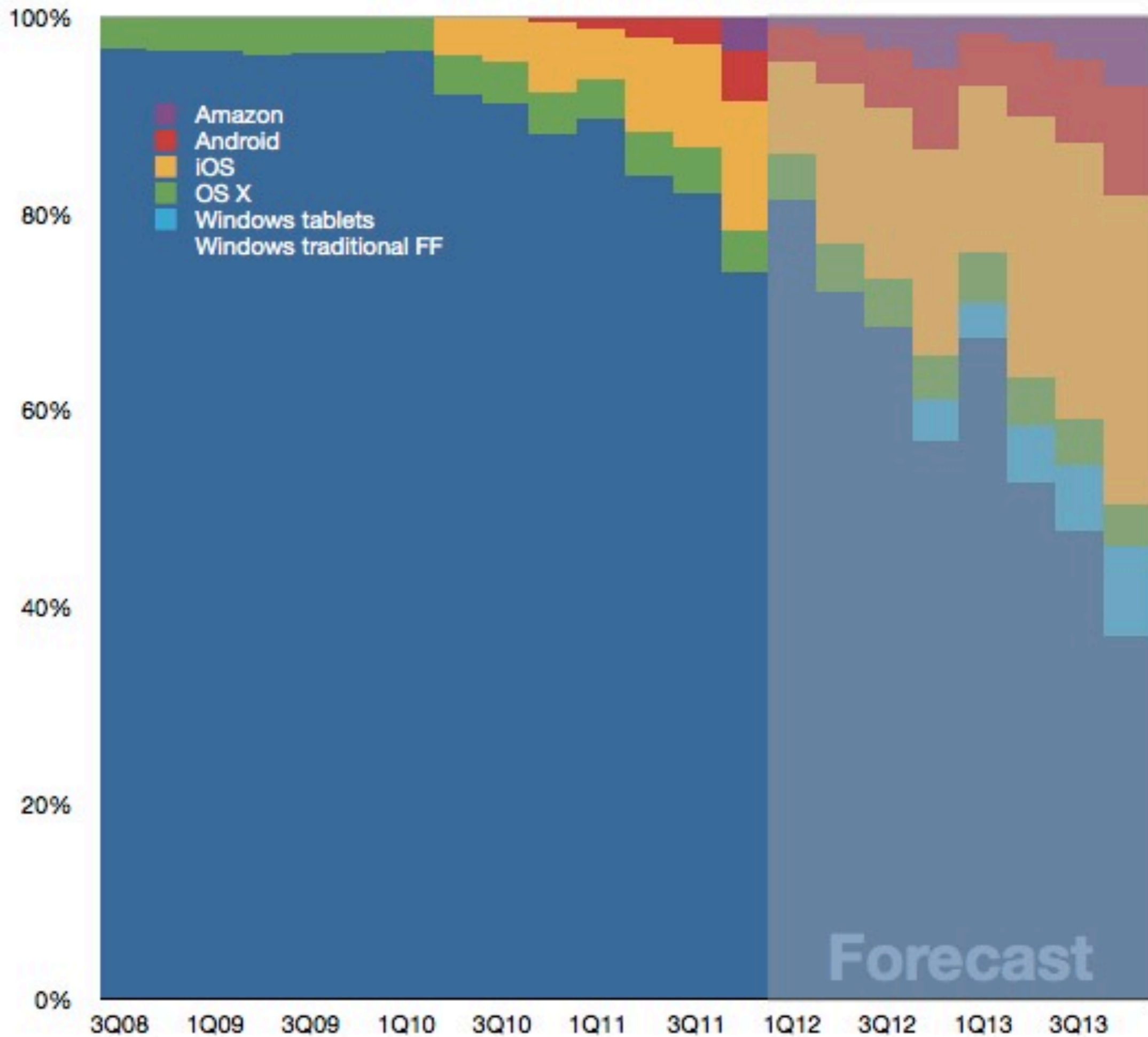
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# Personal Computer Platform Shares





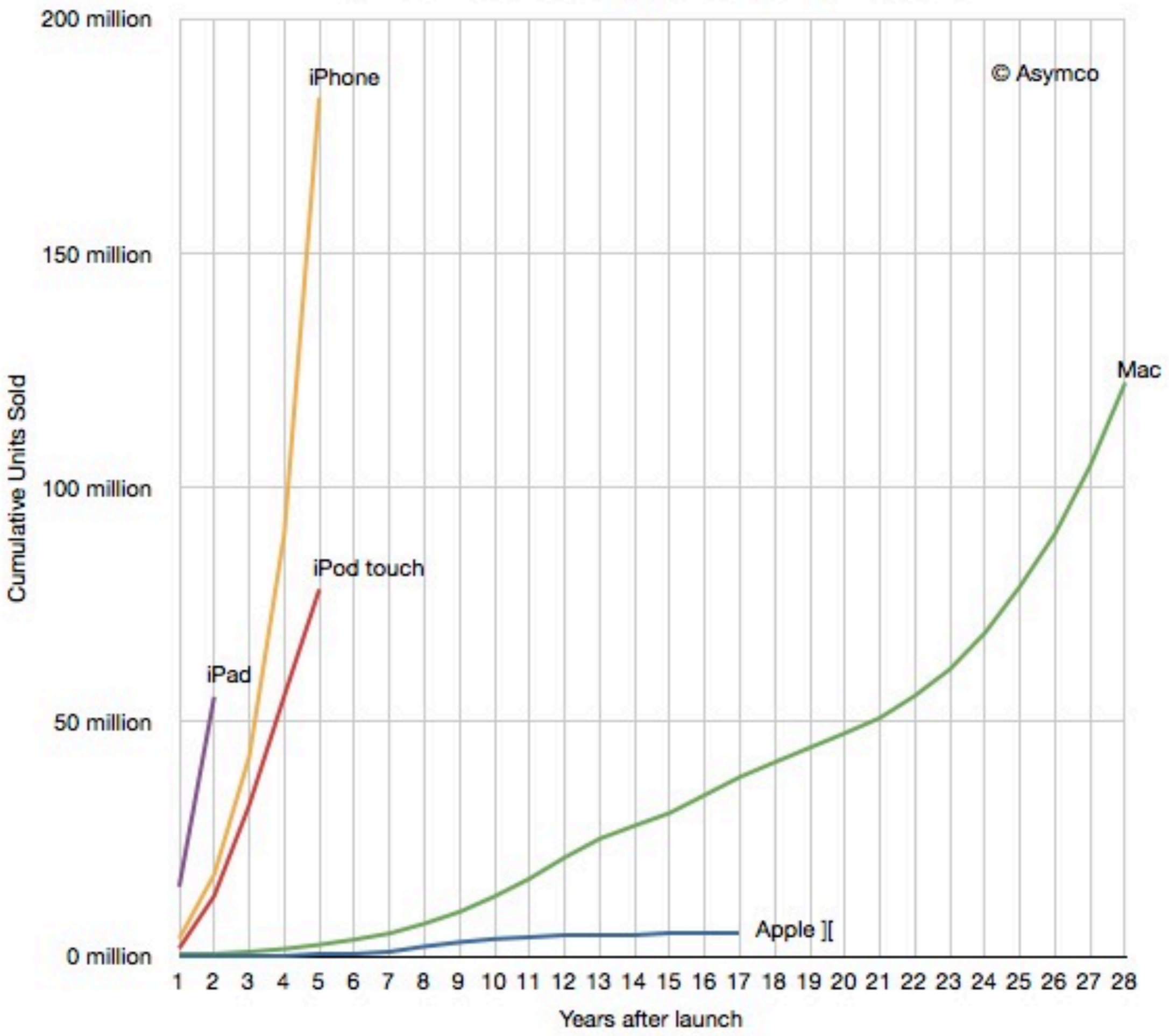
operating systems  
vs  
devices

iOS devices



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# Cumulative Sales for Apple Computing Products



© Asymco

Apple []

managing iOS

iTunes

# Apple Configurator



# Apple Configurator



Prepare



Supervise



Assign

Settings

Apps

Name:

Number sequentially starting at 1

Supervision:  OFF

Supervised devices can only be configured by Apple Configurator on this Mac.

iOS:

Erase before installing

Restore:

Profiles:   Computers in Libraries



Prepare





# Apple Configurator



## SUPERVISED DEVICES

All Devices

USB Connected



All Devices (0)

Settings Apps

Name: No Change

Number sequentially starting at 1

iOS: Unknown [Check for Update](#)

Restore:

Profiles:  Computers in Libraries



Apply

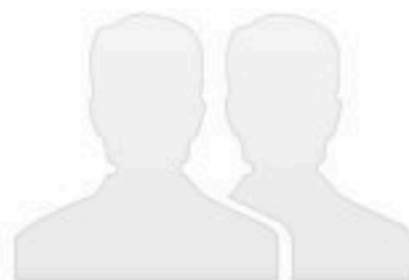


# Apple Configurator



## USERS

 All Users



**No Users**  
Click + to add users



Check Out

Example!

<http://www.apple.com/support/iphone/enterprise/>

<http://www.apple.com/iphone/business/integration/>

Android devices



<http://www.android.com/devices/>



[http://en.wikipedia.org/wiki/  
List\\_of\\_Android\\_devices](http://en.wikipedia.org/wiki/List_of_Android_devices)

managing android

<http://googleenterprise.blogspot.com/2010/10/bring-your-phone-to-work-day-managing.html>

[http://googleenterprise.blogspot.com/2011/04/  
putting-android-to-work-for-your.html](http://googleenterprise.blogspot.com/2011/04/putting-android-to-work-for-your.html)

# Google Apps Device Policy

Google Inc.

TOP DEVELOPER



★★★★★ (1,168)

INSTALL



This app is incompatible with your Amazon Kindle Fire.

[+]

More from developer



## Google Search

GOOGLE INC.

★★★★★ (115,800)

Free



## Maps

GOOGLE INC.

OVERVIEW

USER REVIEWS

WHAT'S NEW

PERMISSIONS

Simon Meacham +1'd this

## Description

Allows Google Apps domain admin to set security policies for your Android device Google Apps Device Policy is a device administration tool that allows administrators for Google Apps Premier and Education editions to set security policies for Android devices. This app will allow your Android device to comply with the security policies set by your admin.

[Visit Developer's Website >](#)

+1 2.2k

Tweet

### ABOUT THIS APP

RATING:  
★★★★★  
(1,168)

UPDATED:  
April 25, 2012

CURRENT VERSION:  
4.05

single-purpose devices

When I wake up, the other side of the bed is cold. My fingers stretch out, seeking Prim's warmth but finding only the rough canvas cover of the mattress. She must have had bad dreams and climbed in with our mother. Of course, she did. This is the day of the reaping.

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Sitting at Prim's knees, guarding her, is the world's ugliest cat. Mashed-in nose, half of one ear missing, eyes the color of rotting squash. Prim named him Buttercup, insisting that his muddy

nook

Key of Light



## Chapter One

The storm ripped over the mountains, gushing torrents of rain that struck the ground with the sharp ring of metal on stone. Lightning strikes spat down, angry artillery fire that slammed against the cannon roar of thunder.

There was a gleeful kind of mean in the air, a sizzle of temper and spite that boiled with power. It suited Malory Price's mood perfectly.

Hadn't she asked herself what else could go wrong? Now in answer to that weary, and completely rhetorical, question, nature—in all her maternal wrath—was showing her just how bad things could get.

There was an ominous rattling somewhere in the dash of her sweet little Mazda, and she still had



# Decisions to Make

# circulation & policy

- How long is circ period?
- Insurance & Patron indemnity
- Filtering content for minors?
- Other issues?

# management questions

- Preloading content
- Wiping personal data at check-in
- Who manages?
- Legal issues with apps/content

best practices  
aka  
what we did

# feedbacks

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# cataloging and representation



# assumptions

- findable by title/author
- minimizing future edits
- obvious in catalog

# how we did it

Bibliographic entry = Generic (eReader)  
Added titles/authors = findable via search  
Item = individual eReaders

=099 \\\$aELECTRONIC BOOK READER  
=245 00\$aElectronic book reader.  
=246 3\\\$aEbook reader.  
=246 3\\\$aKindle.  
=246 3\\\$aKindle II.  
=246 3\\\$aIPod touch.  
=246 3\\\$aE-book reader.  
=260 \\\$a[S.I.] :\$b[s.n.],\$c200u.  
=300 \\\$a1 electronic book reader.  
=650 \\0\$aElectronic books.  
=700 12\$aAusten, Jane,\$d1775-1817.\$tEmma.\$h[On E-Book Reader]  
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=700 12\$aMarx, Karl,\$d1818-1883.\$tManifest der Kommunistischen Partei.\$lEnglish.\$h[On E-Book Reader]  
=700 12\$aStoker, Bram,\$d1847-1912.\$tDracula.\$h[On E-Book Reader]  
=700 12\$aTwain, Mark,\$d1835-1910.\$tAdventures of Huckleberry Finn.\$h[On E-Book Reader]  
=700 12\$aTwain, Mark,\$d1835-1910.\$tAdventures of Tom Sawyer.\$h[On E-Book Reader]  
=700 12\$aVerne, Jules,\$d1828-1905.\$tTour du monde en quatre-vingts jours.\$lEnglish.\$h[On E-Book Reader]  
=700 12\$aAusten, Jane,\$d1775-1817.\$tPride and prejudice.\$h[On E-Book Reader]  
=700 12\$aAusten, Jane,\$d1775-1817.\$tSense and sensibility.\$h[On E-Book Reader]  
=700 12\$aDickens, Charles,\$d1812-1870.\$tGreat expectations.\$h[On E-Book Reader]  
=700 12\$aDickens, Charles,\$d1812-1870.\$tTale of two cities.\$h[On E-Book Reader]  
=700 12\$aJoyce, James,\$d1882-1941.\$tUlysses.\$h[On E-Book Reader]  
=700 12\$aBrontë, Charlotte,\$d1816-1855.\$tJane Eyre.\$h[On E-Book Reader]  
=700 12\$aMilton, John,\$d1608-1674.\$tParadise lost.\$h[On E-Book Reader]



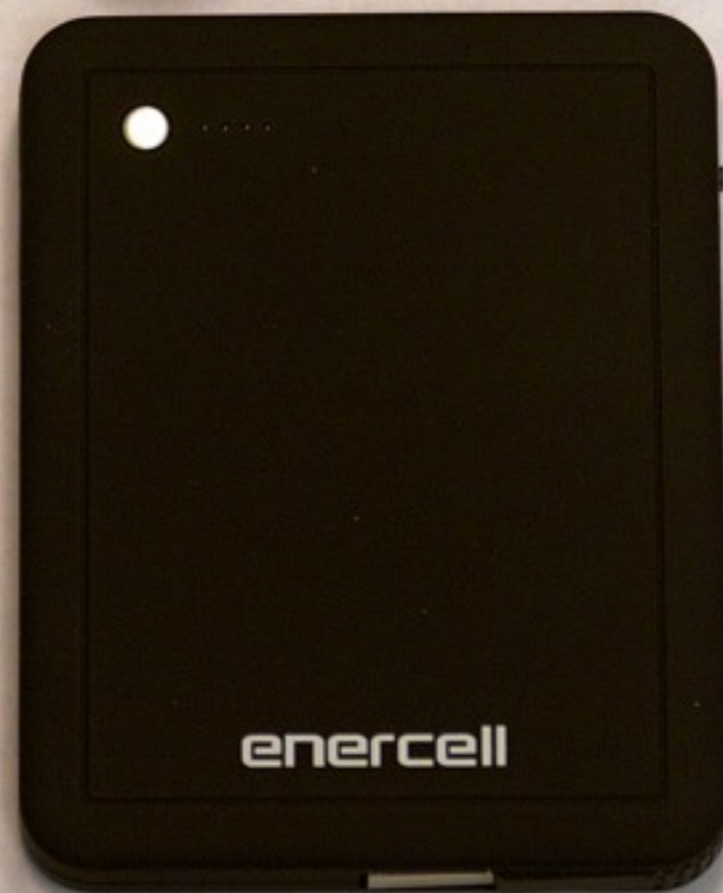
SO  
MANY  
PIECES

# Summary

- Gadgets are important for Services
- OS is important for Management
- Play before you Buy
- Have a plan

# LibraryBox Project

<http://librarybox.us>





upheld classes  
"governor attack"  
BOOKING



# Jason Griffey

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Other: Release Candidate  
ALA TechSource

<http://pinboard.in/u:griffey/>



Head of Library Information Technology  
University of Tennessee at Chattanooga



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