201550080535	2015
201550080134	2015
201550080430	2015
201550080333	2015
201550080111	2015

2015

Skitch Photowonder

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“ ”

“ ”

1+1>2

Android

Web

Android

Web

Android

Android Web

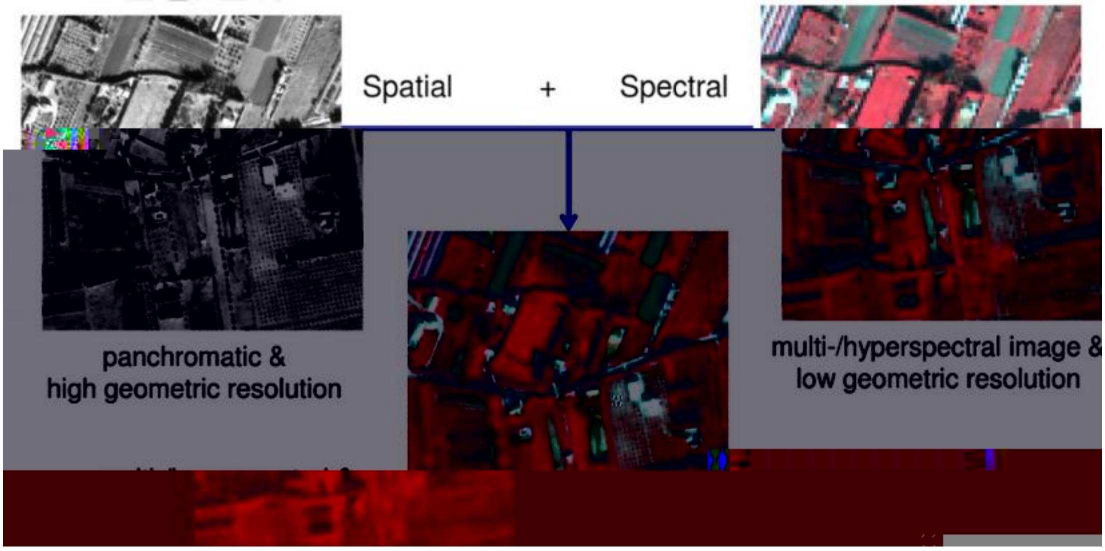
Android

Web Android

Web

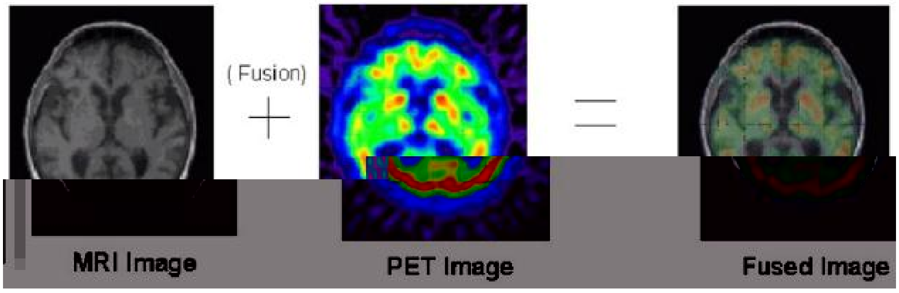
Image Fusion

[1] 1


Spatial
+
Spectral
panchromatic &
high geometric resolution
multi-/hyperspectral image &
low geometric resolution

1

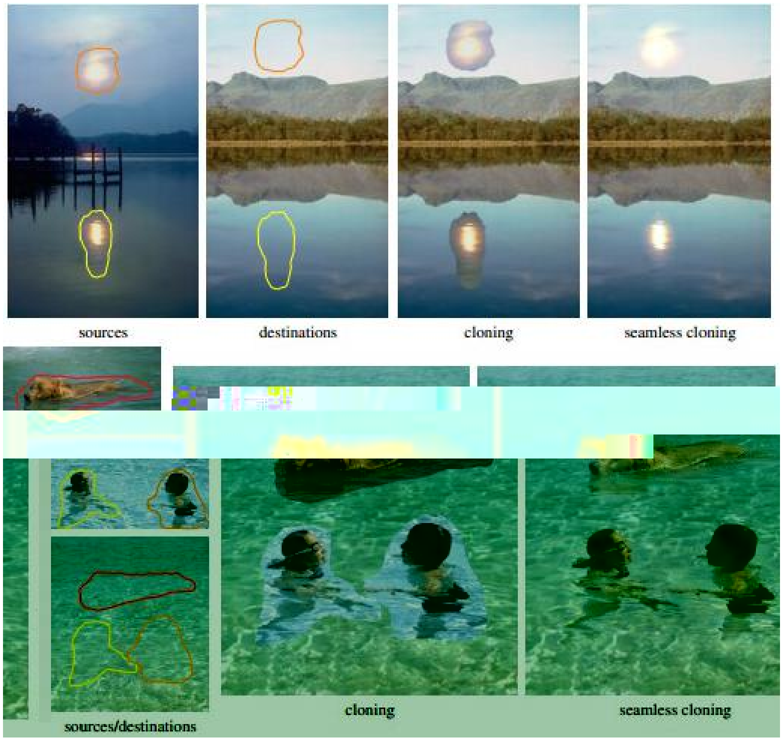
2 MRI PET


(Fusion)
MRI Image
PET Image
Fused Image

2

Patrick Pérez 2003 Poisson Image Editing

3


sources
destinations
cloning
seamless cloning
sources/destinations
cloning
seamless cloning

3

Android Linux Google

Open Handset Alliance

Android 1.0

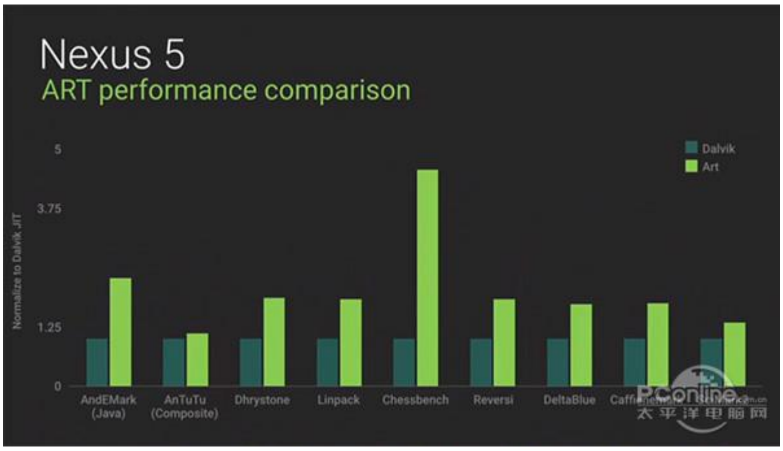
[illegible] ro [illegible] d [illegible]

[illegible] 2.8% [illegible]

Just in time Java native code [5]

ART AOT ahead of time

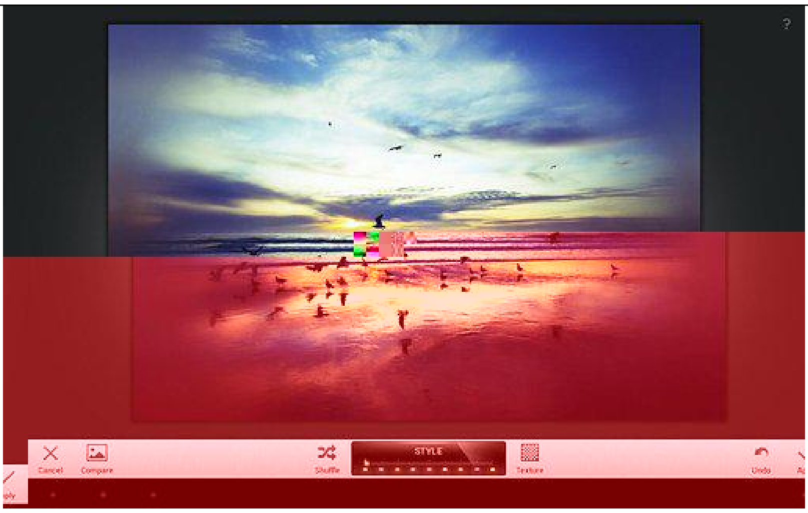
5 Nexus5 Art Dalvik



5 Nexus5 ART Dalvik

Android 3.3

[6] 6


Cancel
Compare
Shuffle
STYLE
Texture
Undo

6

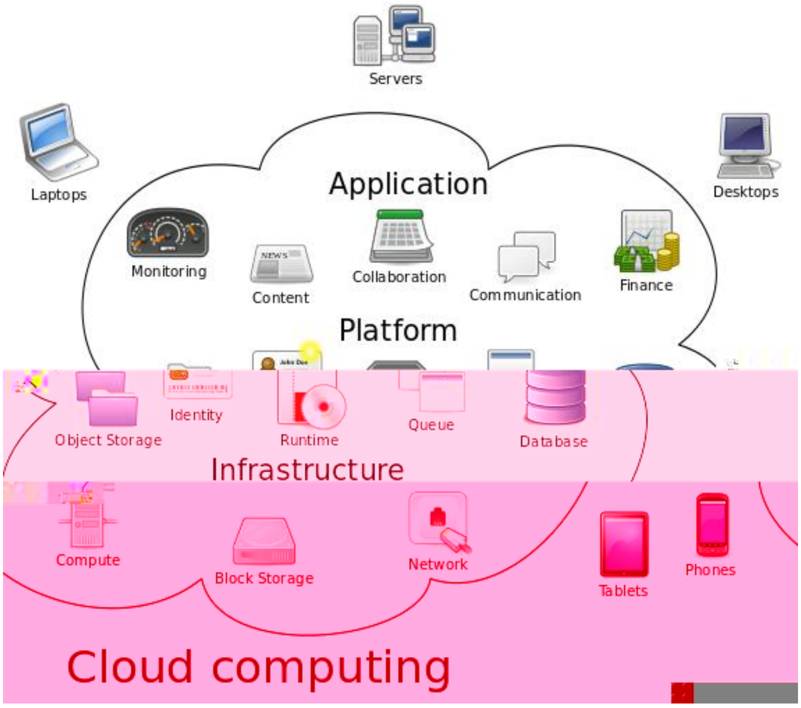
7

1980

-

[7] IT

[8]


Servers
Laptops
Desktops
Application
Monitoring
Content
Collaboration
Communication
Finance
Platform
Object Storage
Identity
Runtime
Queue
Database
Infrastructure
Compute
Block Storage
Network
Tablets
Phones
Cloud computing

[redacted]

- Private Cloud

Ebizq.net. 2008-03-26.

[8]Gartner Says Cloud Computing Will Be As Influential As E-business. Gartner.com. [2010-08-22].

[9] “ +” .http://www.netofthings.cn/GuoNei/2015-03/5505.html

[10] Cloud OS : .http://storage.it168.com/a2014/0410/1611/000001611995.shtml

[11]NIST. .

. 2011 9 .

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1 C++ MFC

Android Web

2 Android Web

USB SD

3

4 Android Web

[1] 2015

2015

[2] . Qt

2016 37(8) pp.47-50.

[3] 2.0 2016

[4] 2.0

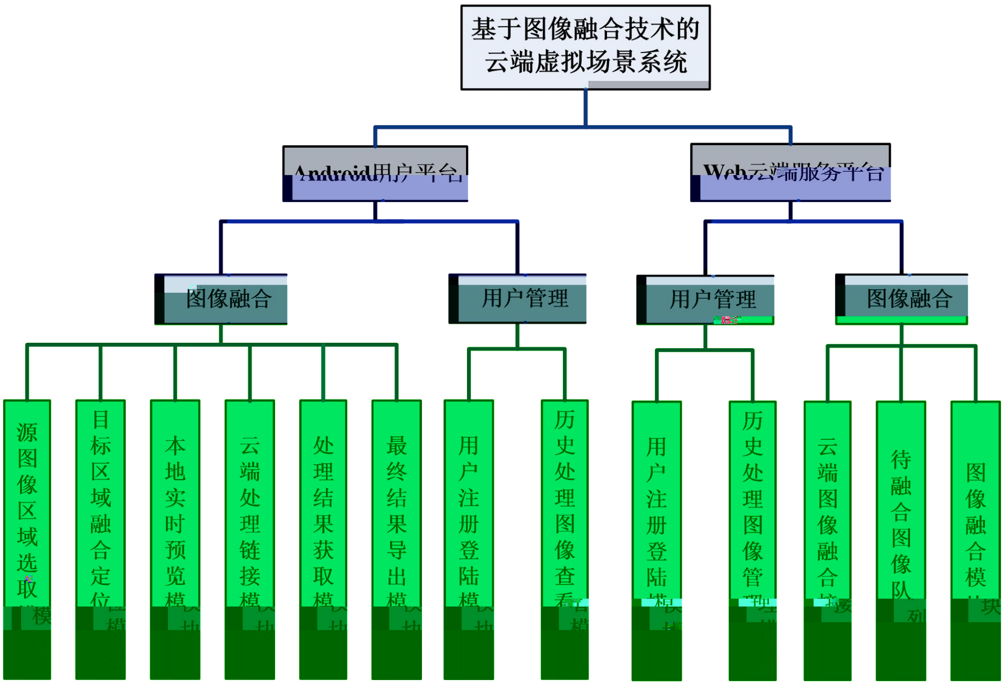
2016

[5] 2016

1

2

1


基于图像融合技术的云端虚拟场景系统
Android用户平台
Web云端服务平台
图像融合
用户管理
用户管理
图像融合
源图像区域选取模
目标区域融合定位
本地实时预览模
云端处理链接模
处理结果获取模
最终结果导出模
用户注册登陆模
历史处理图像查看
用户注册登陆
历史处理图像管理
云端图像融合
待融合图像队列
图像融合模块

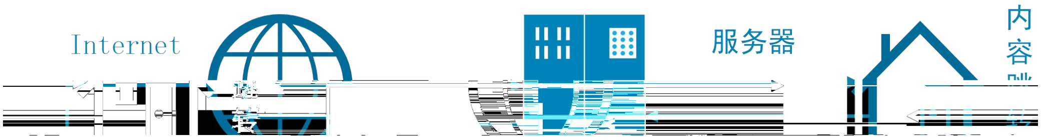
1

-
-
- Android
-
-
-

-

Web

Internet



3

Android Linux Google

Open Handset Alliance OHA

Strategy Analytics 2016

6 -9 Android 87.5%

80% 10 7-8 Android

3S

- SOC MTK MT6750 CPU GPU SDRAM
- CPU ARM® Cortex®-A53™ 1.5GHz x4 + ARM® Cortex®-A53™ 1.0GHz x4
- GPU ARM Mali T860, vULKAN1.0 OpenGL ES 3.2 OpenVG 1.1

Ope[illegible] Direct3D 11.2[illegible]ature [illegible] 11_1

- 2G[illegible]GB [illegible]DR
- [illegible] *f*/2.0

[illegible]GHz 2.4[illegible]

Bluetooth 4.0 GSM 850/900/1800/1900MHz TD-SCDMA 1900/2100MHz WCDMA 900/2100MHz CDMA 2000/1x ev-do TD-LTE B38/B39/B40/B41 FDD-LTE B1/B3/B7

- 3.5mm
- 16GB/32GB ROM Micro SD
- 141.9 x 69.9 x 8.3mm

1

ThinkServer RD450

- CPU Intel Xeon E5-2609 v3 1.9Ghz 22nm QPI 6GT/s
- 1 4GB DDR4 2133 512GB
- SAS 1 1TB SATA3.5 7200 %%
  32TB RAID 0/1/10
- 1 1Gb PCI-e
- 100Mbps

2

Linux

3 B Micro SD

- SoC Broadcom BCM283CS

- tex-A5 .2 64-bi ad-core ARM PU
- PU VideoCr Oper ES 2.0,1080p 30 4/MPEG-4 VC
- (L DR2)
- USB 2.0 4 USB hub
- RCA 1 B PAL NTSC HDMI (1.3 1.4) 640 x 350 1920 x 1200 PAL NTSC
- Micro SD
- 10/100 802.11n Wireless LAN
- Bluetooth 4.1 Bluetooth Low Energy (BLE)
- [illegible] HAT
- 5

[redacted]

1

[redacted]

Android Web

MVC Spring MVC

MVC Hibernate Spring

Android Web

1 2018 1 -2018 2

Android Web

2 2018 3 -2018 6

Android Web

3 2018 7 -2018 10

4 2018 11 -2018 12

JAVA OpenCV

IT

Android

1

1	Android	Android	1000	
2		Web	4000	
3			250	
4			50	
5	32GB		60	
6	USB		100	