

ubuntu<sup>®</sup>



the human touch

# Ubuntu Phone

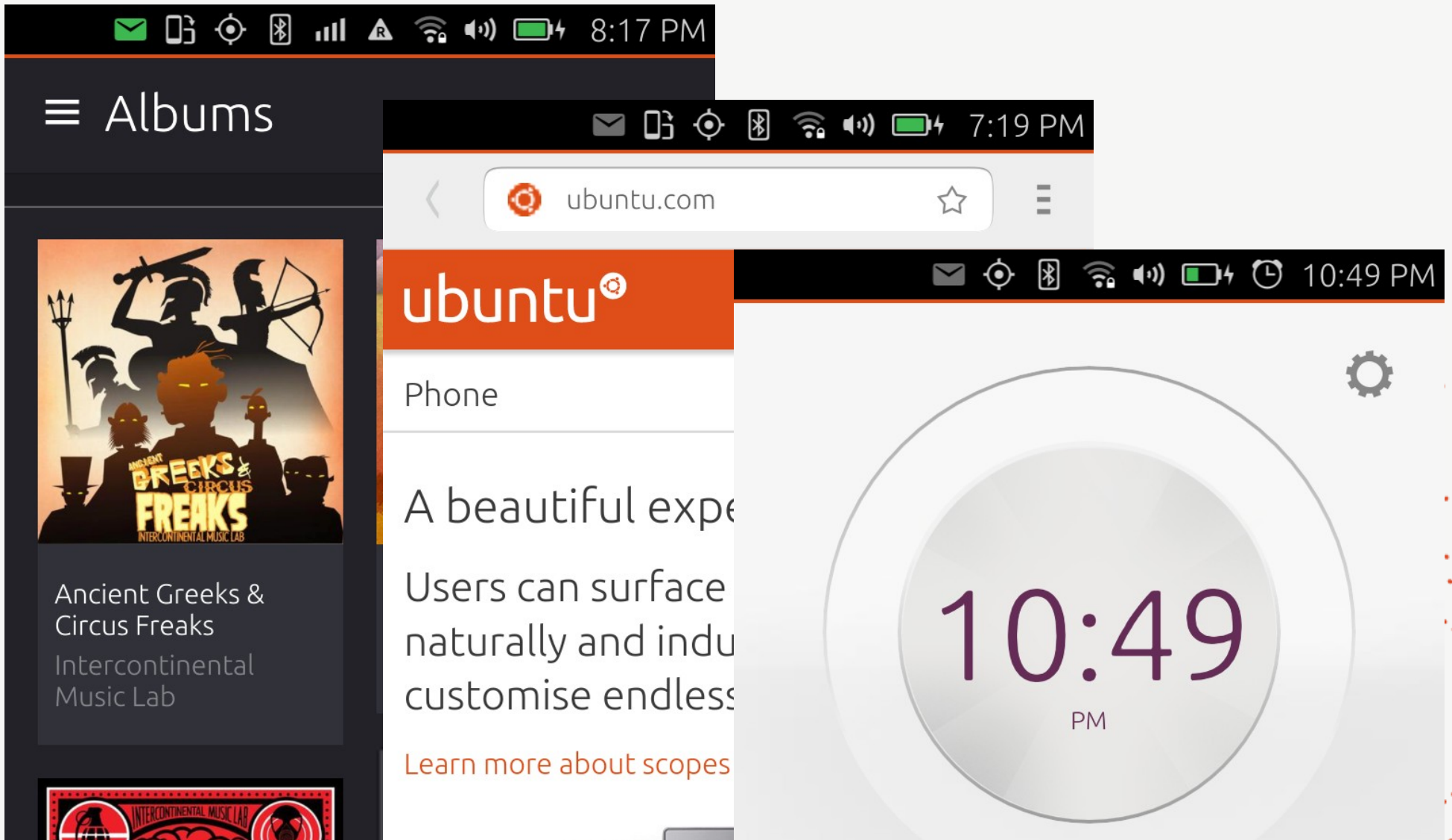
## Collaborare alle Core Apps

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**PN  
LUG**



# Perchè collaborare alle **Core Apps**?



# Get ready!

- › Installare **Ubuntu 15.04**
- › Dal terminale digitare

```
sudo apt-get install ubuntu-sdk
```

```
Terminal [0] [tmux] - blackpearl:~/Downloads/Telegram Desktop
~/Downloads/Telegram Desktop I → sudo apt install ubuntu-sdk [2713/3534]
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
 linux-headers-3.19.0-13 linux-headers-3.19.0-13-generic linux-headers-3.19.0-14 linux-headers-3.19.0-14-generic linux$
image-3.19.0-13-generic linux-image-3.19.0-14-generic
 linux-image-extra-3.19.0-13-generic linux-image-extra-3.19.0-14-generic
Use 'apt-get autoremove' to remove them.
The following extra packages will be installed:
 account-plugin-tools accountsservice-ubuntu-schemas android-tools-adb android-tools-fastboot apparmor-easyprof apparm$
r-easyprof-ubuntu aptitude aptitude-common aptitude-doc-en at
 autopilot-desktop autopilot-desktop-legacy autopilot-qt4 autopilot-qt5 bzip bzip-builddeb click click-apparmor click-de$
click-doc click-reviewers-tools click-ubuntu-policy curl dctrl-tools
 debhelper debian-archive-keyring debian-keyring debotstrap debsig-verify devscripts dh-apparmor dh-make distro-info $
istro-info-data dput fbset gcc-4.9-base:i386 gcc-5-base:i386
 gdb-multiarch gir1.2-click-0.4 gir1.2-gconf-2.0 gir1.2-gee-0.8 gir1.2-ubuntu-app-launch-2 gnome-icon-theme google-moc$
intltool kpartx libaio1 libandroid-properties1 libautopilot-gtk
 libautopilot-qt libboost-dev libboost-log1.55.0 libboost-program-options1.55.0 libboost-serialization1.55.0 libboost1$
55-dev libbotan-1.10-0 libc6:i386 libcapnp-0.4.0 libclick-0.4-0
 libcontent-hub-dev libcontent-hub-doc libcontent-hub0 libcwidget3 libdbus-cpp4 libdistro-info-perl libdrm-dev libdrm-$
ntel1:i386 libdrm-nouveau2:i386 libdrm-radeon1:i386 libdrm2:i386
 libedit2:i386 libecl1 mesa-dev libelf1:i386 libexpat1:i386 libexpat1-dev libffi6:i386 libgcc1:i386 libflac2
```

# Ubuntu SDK

- › Fornisce tutti gli strumenti per sviluppare app semplicemente
- › Disponibile per numerosi linguaggi:
  - › QML, linguaggio dichiarativo utile a descrivere l'interfaccia utente di un programma
  - › Javascript
  - › C++
  - › HTML5



# QtQuick

- › Interfacce utente semplici e veloci
- › Design-oriented
- › Sviluppo rapido
- › Il QML è un linguaggio dichiarativo che consente agli oggetti di essere definiti secondo le loro proprietà e di come possono interagire e rispondere ai cambiamenti



# Ambiente di sviluppo

## › Qt Creator

- › Completo supporto al C++ e QML
  - › Interfaccia grafica per la gestione del dispositivo
  - › Connessione al device tramite SSH (Secure Shell)
  - › Permette l'avvio e l'interruzione di applicazioni durante lo sviluppo
  - › Comprende tool di packaging, convalida e installazione
  - › Cross-compilation direttamente dal desktop
  - › Accesso diretto alla documentazione
- › Linea di comando



# Come collaborare alle Core Apps

- › Registrarsi a Launchpad
- › Collegarsi a
  - › <https://launchpad.net/ubuntu-phone-coreapps/>
- › Scegliere un progetto
- › `bzr branch lp:<repo-name>`
- › Hack!
- › ...
- › Richiedi una **Merge Proposal**
  - › `bzr lp-propose-merge`





# Squash bugs!



## Calculator application for Ubuntu devices

Giulio Collura (gcollura) • [Log Out](#)

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### Bugs for Ubuntu Calculator App

Search bugs in Ubuntu Calculator App

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1 → 31 of 31 results

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<b>CRITICAL</b>	<b>FIX COMMITTED</b>	#1392930 <b>Calculator produces too long number which cause unable to use calculator</b> Ubuntu Calculator App  6
<b>HIGH</b>	<b>TRIAGED</b>	#1267821 <b>Need to enable copy/paste</b> Ubuntu Calculator App  6
<b>HIGH</b>	<b>FIX COMMITTED</b>	#1365564 <b>Please remove text input annotations completely</b> Ubuntu Calculator App  14
<b>HIGH</b>	<b>TRIAGED</b>	#1374086 <b>README file is empty</b> Ubuntu Calculator App  10
<b>MEDIUM</b>	<b>TRIAGED</b>	#1204109 <b>[Calculator] app is not tablet optimized</b> Ubuntu Calculator App  6

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**Bug supervisor:**

[Ubuntu Calculator Developers](#)

4 **New bugs**  
31 **Open bugs**  
1 **In-progress bug**  
1 **Critical bug**  
3 **High importance bugs**  
0 **Incomplete bugs (can expire)**

0 **Bugs assigned to me**  
0 **Bugs reported by me**  
**Bugs affecting me**

[Bugs fixed elsewhere](#)



# Community

- › Piattaforma di sviluppo
  - › Launchpad – [launchpad.net](http://launchpad.net)
- › IRC:
  - › Internazionali:
    - › [#ubuntu-touch](#)
    - › [#ubuntu-app-devel](#)
  - › Italiani:
    - › [#ubuntu-it](#)
    - › [#ubuntu-it-dev](#)
- › Ask
  - › <http://askubuntu.com/>
  - › <http://chiedi.ubuntu-it.org/>
- › Facebook
  - › Gruppo [ubuntu-it](#)



Domande



# Contatti

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- › Twitter

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- › Personal page

  - › [gcollura.github.io](http://gcollura.github.io)

Grazie!

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