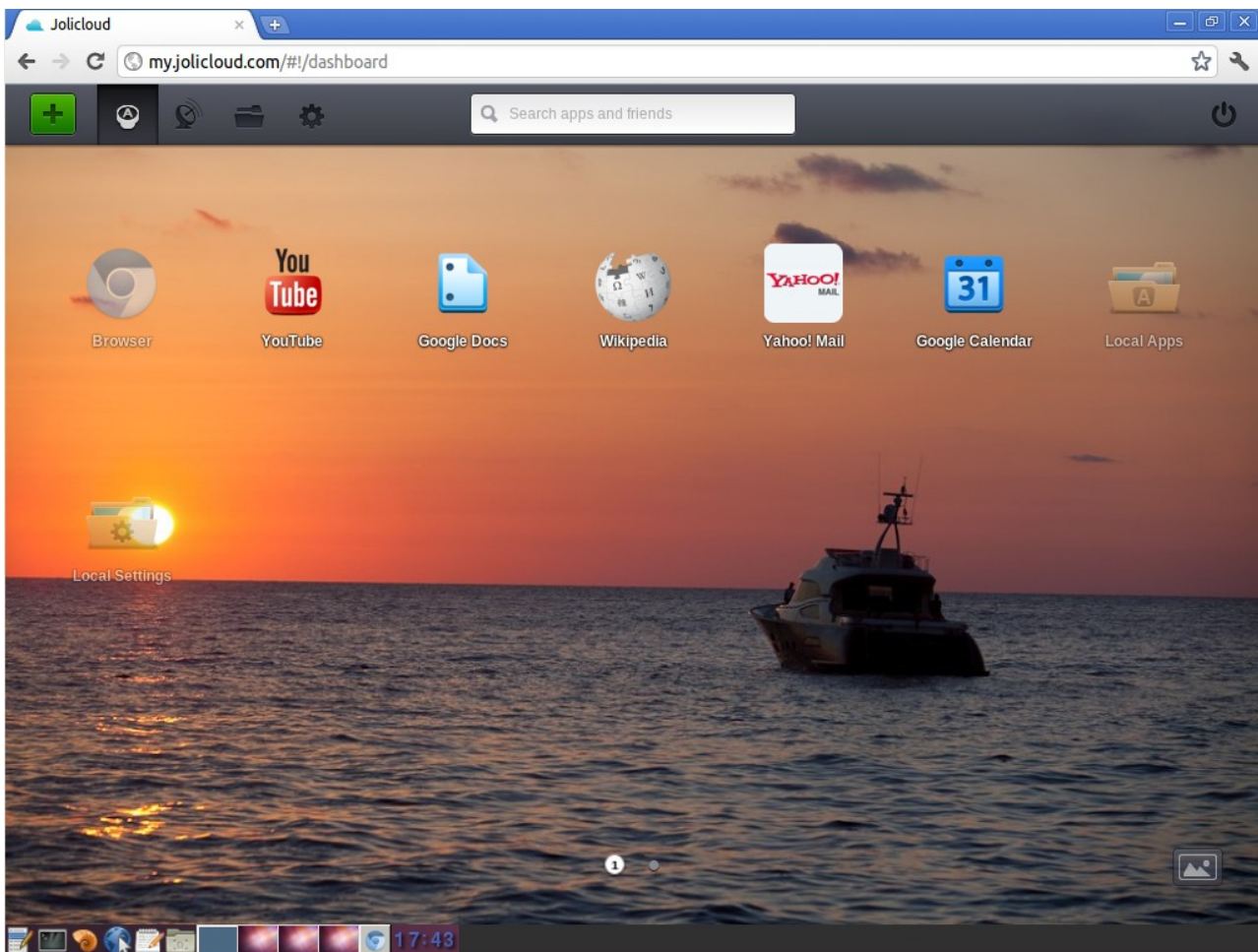


Ubuntu CromeOS

(Come aggiungere una sessione ChromeOS a GNU/Linux Ubuntu)

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guida indiana da <http://tutafuta.com/2011/05/13/convert-your-ubuntu-into-chrome-os/>
script indiano da <http://www.puneetsing.info/Wiki/chrome-session.tar.gz>



Superando tutti i tecnicismi e il probabile risentimento di Google, ChromeOS altro non è che un sistema operativo Ubuntu o Gentoo che usa come interfaccia un'unica applicazione: Google Chrome.

In questa guida vedremo come aggiungere una sessione Google Chrome al proprio Ubuntu ottenendo probabilmente un risultato superiore al Netbook di Google in vendita nei negozi.

Avevo già scritto in precedenza su Jolicloud nella guida n. 109 del 2010
<http://www.comunecampagnano.it/gnu/mini-howto/jolycloud/Jolicloud.pdf>

installare openbox

```
sudo apt-get install openbox openbox-themes
```

installare fbpanel

```
sudo apt-get install fbpanel pcmanfm
```

installare chromium browser

```
sudo apt-get install chromium-browser
```

scaricare il seguente file compresso da <http://www.puneetsing.info/Wiki/chrome-session.tar.gz/>

il file compresso contiene tre file e uno script per l'installazione, ma si può installare anche a mano

contenuto del file **chrome-session**

```
#!/bin/sh
openbox-session&
fbpanel&
nm-applet&
chromium-browser --user-data-dir=~/.config/chromium"
```

contenuto del file **Chrome-Session.desktop**

```
[Desktop Entry]
Name=Chrome-Session
Comment=Custom ~/.xsession script
Exec=chrome-session
X-Ubuntu-Gettext-Domain=ghm
Name[en_US]=Chrome-Session
```

contenuto del file **default** (da configurare per la personalizzazione)

```
#####
## fbpanel configuration file    ##
#####
# DESCRIPTION
# Configuration file consists of mandatory 'Global' block that MUST come first,
# and optionally one or more 'Plugin' block.
# Lines having '#' as first non-blank char or blank lines are ignored
# Keywords are not case-sensitive
# Values are case-sensitive
# Value of variable is a text from first non-blank char after '='
# till the last non-blank char. '#' is NOT treated as comment in this context
# 'Global' block describes global parameters like position, size and
# some NETWM settings
# Global {
# # screen edge
# # legal values are: left, right, top, bottom
# edge = bottom
# # allignment of a panel
# # legal values are: left, right, center
# allign = left
# # length of margin (in pixels)
# # legal values are numbers
# margin = 0
# # widthtype specifies how panel width is calculated
```

```

# # legal values are: request, pixel, percent
# # request - follow widgets' size requests. can shrink or grow dynamically
# # pixel - occupy fixed number of pixels, then 'width' variable holds a number
# # percent - be 'width' percent of an edge.
# widthType = percent
# # numerical value of width (not applicable for 'request' widthtype)
# # legal values are numbers
# width = 80
# # heighttype specifies how panel height is calculated
# # legal values are: pixel
# # pixel - occupy fixed number of pixels, then 'height' variable holds a number
# heightType = pixel
# # numerical value of height (if applicable)
# # legal values are numbers
# height = 28
# # Identify panel window type as dock
# # legal values are boolean
# setDockType = true
# # Reserve panel's space so that it will not be covered by maximized windows
# # legal values are boolean
# setPartialStrut = true
# # Transparency stuff:
# # tintColor is a color to composite on root background given as #RRGGBB or as name
# # alpha is transparency of the tint color.
# # transparent = true
# # tintColor = #FFFFFF
# or
# # tintColor = white
# # alpha = 127
# # Autohide
# # autoHide = false
# # heightWhenHidden = 2
# }
# 'Plugin' block specifies a plugin to load. It has same syntax for both
# builtin and external plugins.
# First parameter is 'type'. It's mandatory and must come first
# Legal values are plugin names. Names of builtin plugins are:
# separator - visual separator
# wincmd - 'show desktop' button
# taskbar - lists all opened windows (tasks)
# launchbar - bar with launch button
# image - just shows an image
# dclock - digital clock
# space - just seize space
# pager - thumbnailed view of the desktop
# tray - tray for XEMBED icons (aka docklets)
# expand - specifies if plugin can accomodate extra space or not [optional]
# padding - extra padding around plugin [optional]
# config {} - block of plugin's private configuration.
# This part is plugin dependant
#
# Plugin {
# type = wincmd
# config {
# image = ~/.fbpanel/images/Desktop2.png
# tooltip = Left click to iconify all windows. Middle click to shade them.
# }
# }
Global {
edge = top
allign = center
margin = 0
widthtype = percent

```

```
width = 20
height = 20
transparent = false
tintcolor = #CCCCCC
alpha = 28
setdocktype = true
setpartialstrut = true
autohide = true
heightWhenHidden = 2
roundcorners = true
roundcornersradius = 7
layer = none
MaxElemHeight = 32
}
Plugin {
  type = space
  config {
    size = 2
  }
}
Plugin {
  type = launchbar
  config {
    button {
      icon = terminal
      tooltip = Terminal
      action = x-terminal-emulator
    }
  }
}
Plugin {
  type = space
  config {
    size = 15
  }
}
Plugin {
  type = space
  config {
    size = 10
  }
}
Plugin {
  type = mem
  expand = false
  padding = 2
  config {
    ShowSwap = false
  }
}
Plugin {
  type = cpu
  config {
    Color = green
  }
}
Plugin {
  type = net
  expand = false
  padding = 0
  config {
    #interface = ppp0
    interface = eth0
  }
}
```

```

    # set connection limits to make traffic graph more accurate
    TxLimit = 20
    RxLimit = 190
    TxColor = violet
    RxColor = blue
}
}
Plugin {
    type = space
    config {
        size = 10
    }
}
#plugin {
#   type = battery
#}
Plugin {
    type = tray
}
Plugin {
    type = space
    config {
        size = 10
    }
}
# Digital Clock
Plugin {
    type = delock
    config {
        ShowSeconds = false
        HoursView = 24
        TooltipFmt = %A %x
        #Action = xmessage Please define some command &
    }
}
# Text Clock
# ClockFmt: (string) Clock format string. May contain strftime conversion
#   specifications and Pango markup information.
# TooltipFmt: (string) Tooltip format string.
# Action: (string) Shell command to execute when clock is clicked.
# ShowCalendar: (boolean) Show a GTK calendar widget when the clock is
#   clicked. Only valid if Action is unset.
# ShowTooltip: (boolean) Show tooltip for clock.
#Plugin {
#   type = tclock
#   config {
#       ClockFmt = <b>%I:%M</b>
#       # 2 line view, time in bold above and date below
#       # ClockFmt = <span font="Sans 8"><b>%-l:%M</b> %P&#xA;%a %B %-e</span>
#       TooltipFmt = %A %x
#       #Action = xmessage Please define some command &
#       ShowCalendar = false
#       ShowTooltip = true
#   }
#}
# 'icons' plugin lets you customize window icons.
# these changes apply to entire desktop
Plugin {
    type = icons
    config {
        DefaultIcon = /usr/share/fbpanel/images/default.xpm
        application {
            icon = gnome-terminal

```



```

MaxElemHeight = 32
}
#-----
Plugin {
  type = menu
  config {
    image = /usr/share/icons/hicolor/24x24/apps/alacarte.png
    systemmenu {
    }
    separator {
    }
  }
}
}

#-----
Plugin {
  type = launchbar
  config {
    button {
      icon = terminal
      tooltip = Terminal
      action = x-terminal-emulator
    }
    button {
      icon = system-file-manger
      image = /usr/share/icons/hicolor/24x24/apps/nautilus.png
      tooltip = nautilus file manager
      action = nautilus
    }
    button {
      icon = mozilla-firefox
      image = /usr/share/icons/Humanity/apps/24/browser.svg
      tooltip = Firefox web browser
      action =firefox
    }
    button {
      icon = accessories-text-editor
      tooltip = gedit
      action = gedit
    }
  }
}
}

#-----
Plugin {
  type = wincmd
  config {
    icon = gnome-fs-desktop
    image = /usr/share/fbpanel/images/gnome-fs-desktop.svg
    tooltip = Left click to iconify all windows. Middle click to shade them.
  }
}
}

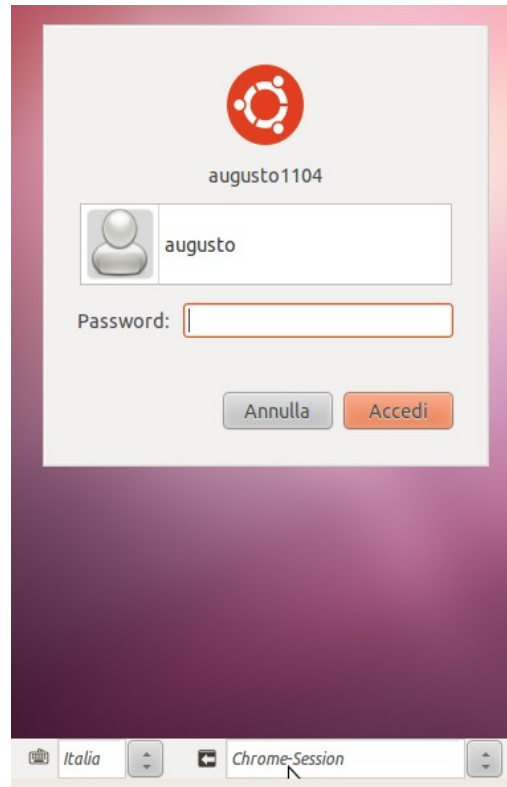
#-----
Plugin {
  type = pager
  config {
    showwallpaper = true
  }
}
}

#-----
Plugin {
  type = icons
  config {
    DefaultIcon = /usr/share/fbpanel/images/default.xpm
  }
}
}

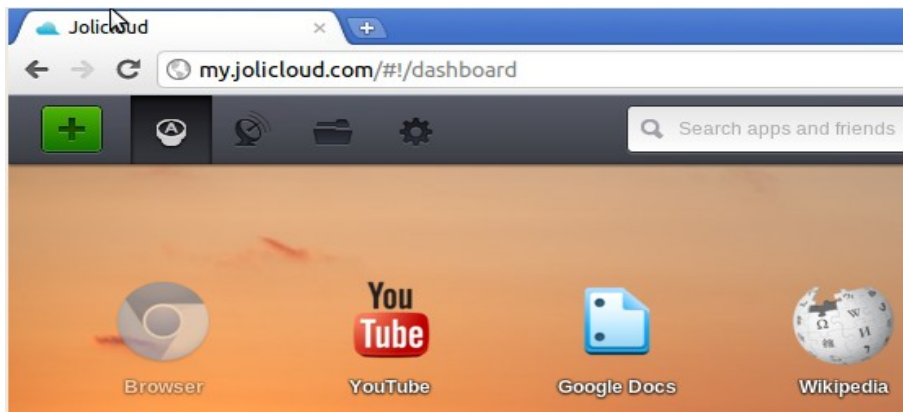
```

```
application {
    icon = gnome-terminal
    ClassName = XTerm
}
application {
    icon = gnome-terminal
    ClassName = mlterm
}
application {
    icon = gnome-terminal
    ClassName = URxvt
}
application {
    icon = gnome-emacs
    ClassName = Emacs
}
application {
    icon = mozilla-firefox
    ClassName = Firefox-bin
}
application {
    icon = mozilla-firefox
    ClassName = Firefox
}
}
}
#-----
Plugin {
    type = taskbar
    expand = true
    config {
        ShowIconified = true
        ShowMapped = true
        ShowAllDesks = false
        tooltips = true
        IconsOnly = true
        MaxTaskWidth = 150
    }
}
#-----
# Digital Clock
Plugin {
    type = dclock
    config {
        ShowSeconds = false
        HoursView = 24
        TooltipFmt = %A %x
        #Action = xmessage Please define some command &
    }
}
#-----
```

Praticamente all'avvio di Ubuntu è sufficiente selezionare la sessione Chrome-Session

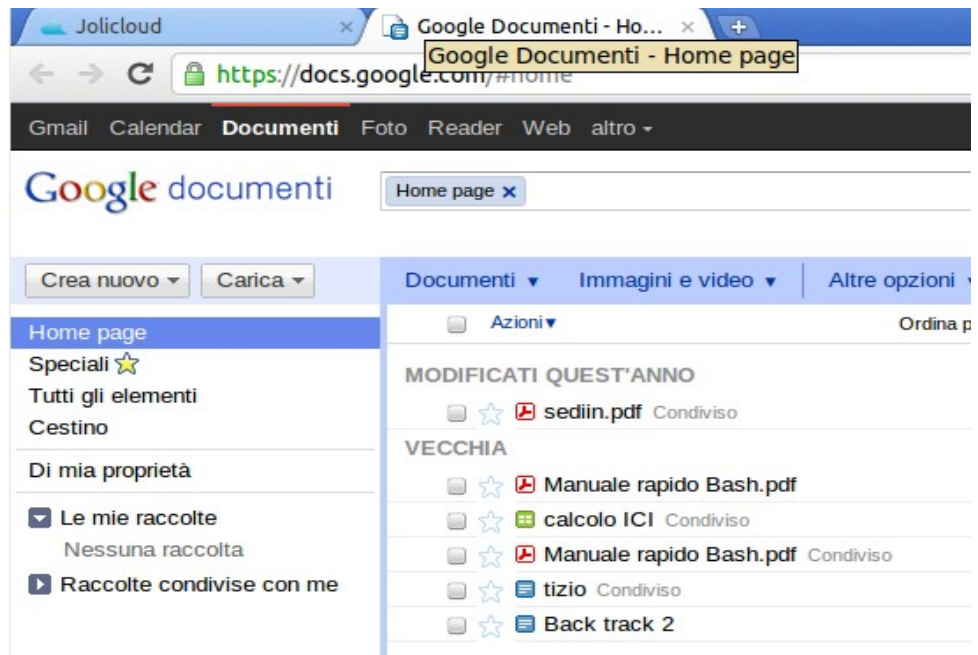


L'unica applicazione che parte è il Browser Google Chrome, a questo punto si può fare il login al proprio jolicloud (conviene in seguito settare la pagina come pagina iniziale del browser)

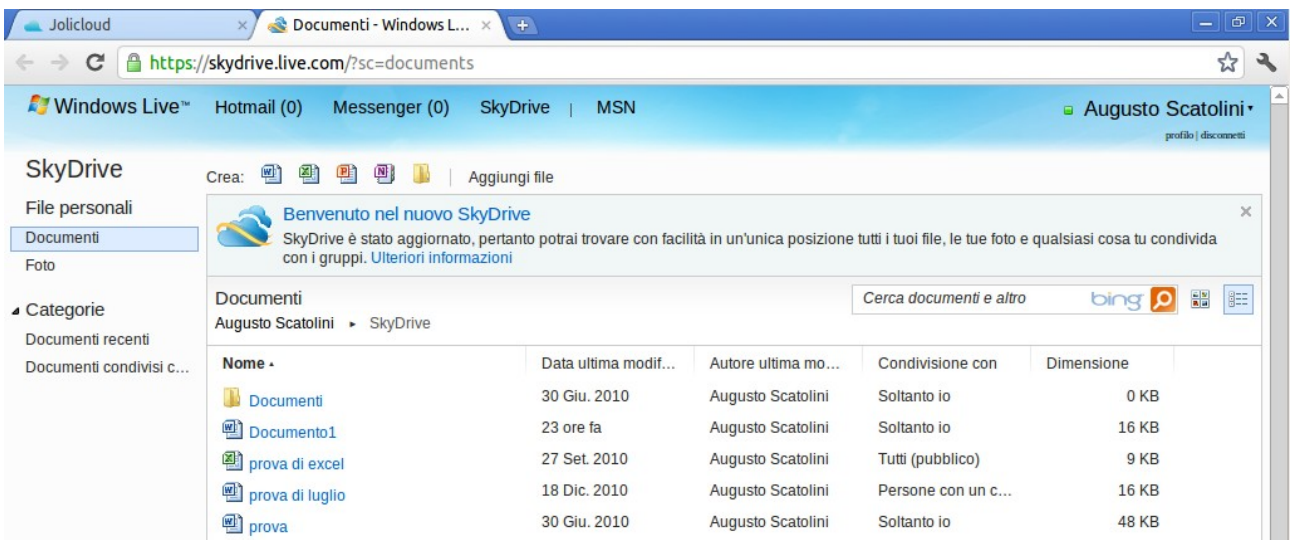


e si potranno così utilizzare tutti i servizi della "CLOUD" ai quali ci siamo preventivamente registrati.

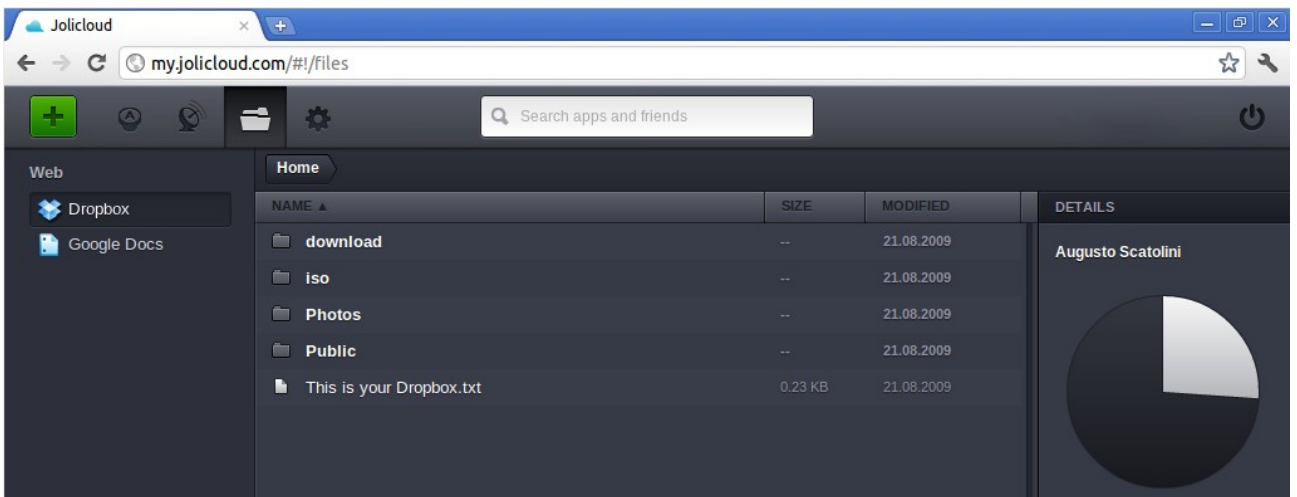
Come Google Docs



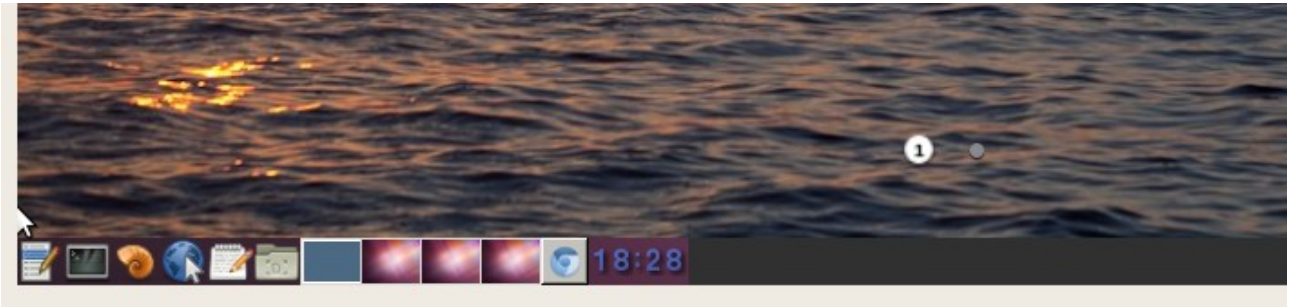
o Office 2010 Live



o come DropBox



Ma l'aspetto più importante è la possibilità di usare comunque Ubuntu con tutte le sue potenzialità



Come si può notare, in basso a sinistra, appare una barra con 11 icone:

- 1° icona = menu di tutti i programmi di Ubuntu
- 2° icona = terminale
- 3° icona = nautilus
- 4° icona = firefox
- 5° icona = gedit
- 6° icona = riduce a icona tutte le finestre
- 7° icona = 1° area di lavoro
- 8° icona = 2° area di lavoro
- 9° icona = 3° area di lavoro
- 10° icona = l'applicazione aperta in questo momento
- 11° icona = orologio digitale

il limite è solo la propria fantasia

FINE

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altre miniguide su

<http://www.comunecampagnano.it/gnu/miniguide.htm>
oppure direttamente su <http://miniguide.tk>

sito consigliato: <http://www.linux4campagnano.net>