

Ubuntu 14.04 LTS Overview

—Ubuntu 14.04 LTSのご紹介

2014/05/24
Open Source Conference 2014 Okinawa
Hajime MIZUNO @ Ubuntu Japanese Team

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Ubuntu 14.04 LTS

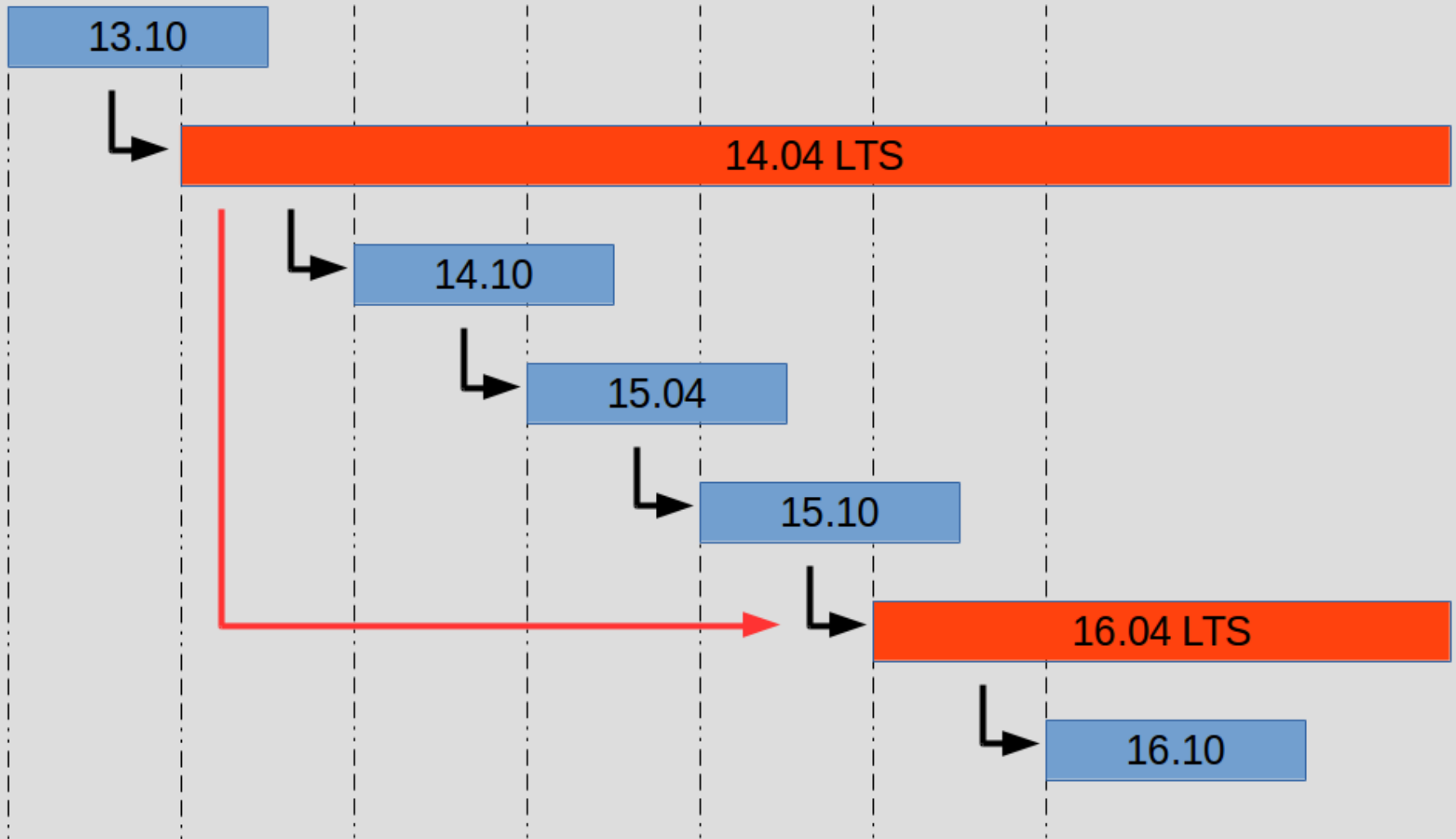
“Trusty Tahr” Release



Support length and Upgrade path

—Ubuntuのサポート期間とアップグレードパス

2013/10 2014/04 2014/10 2015/04 2015/10 2016/04 2016/10



Support length of Ubuntu flavors

—公式フレーバーのサポート期間

Ubuntu Desktop	5 years
Ubuntu Server	5 years
Kubuntu	5 years
Xubuntu	3 years
Edubuntu	5 years
Lubuntu	3 years
Mythbuntu	3 years
Ubuntu GNOME	3 years
Ubuntu Studio	3 years
Ubuntu Kylin	5 years

New feature of Ubuntu 14.04 LTS

—Ubuntu 14.04 LTSの新機能



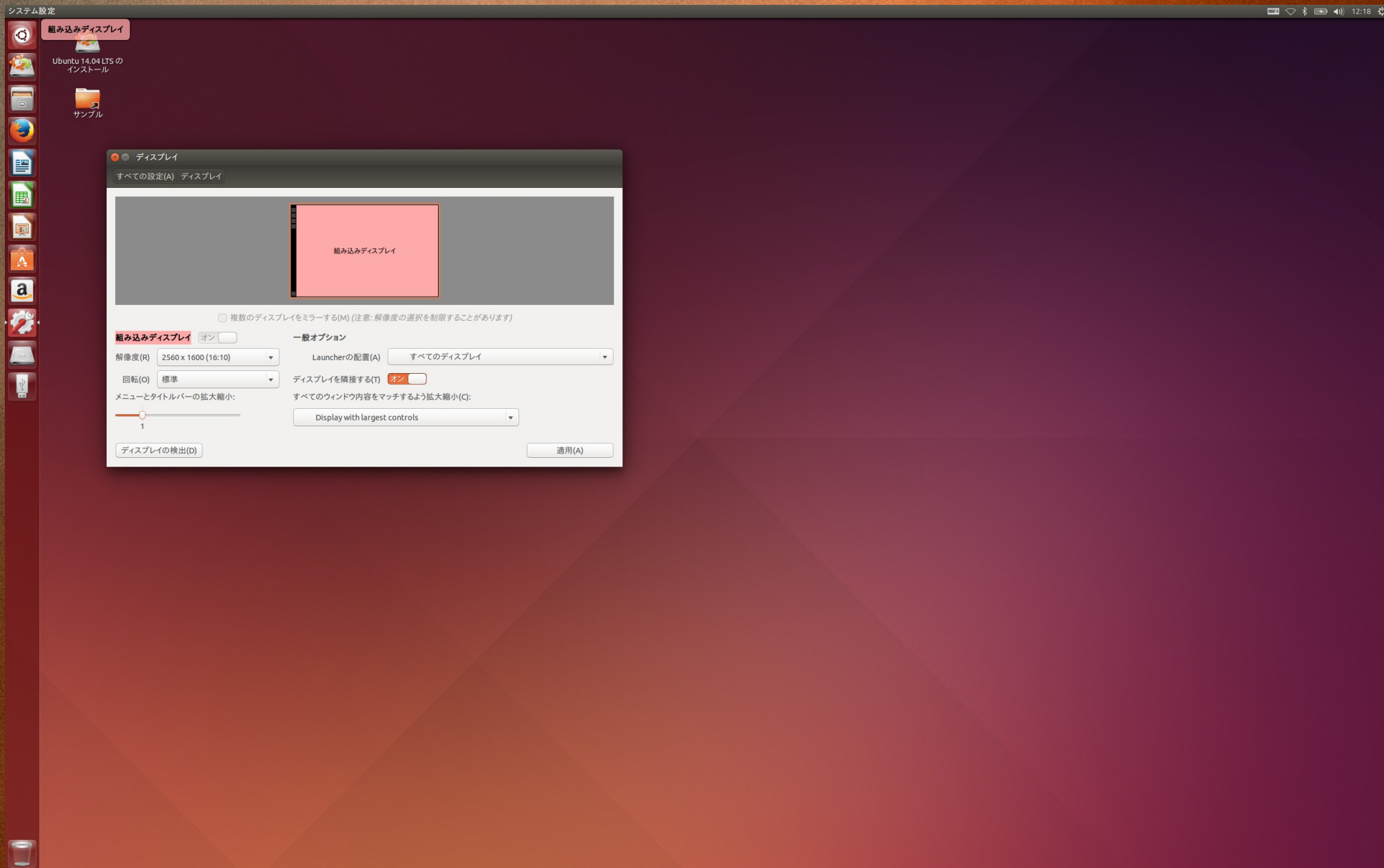
Locally Integrated Menus

—メニューバー遠いんすよ、マジで



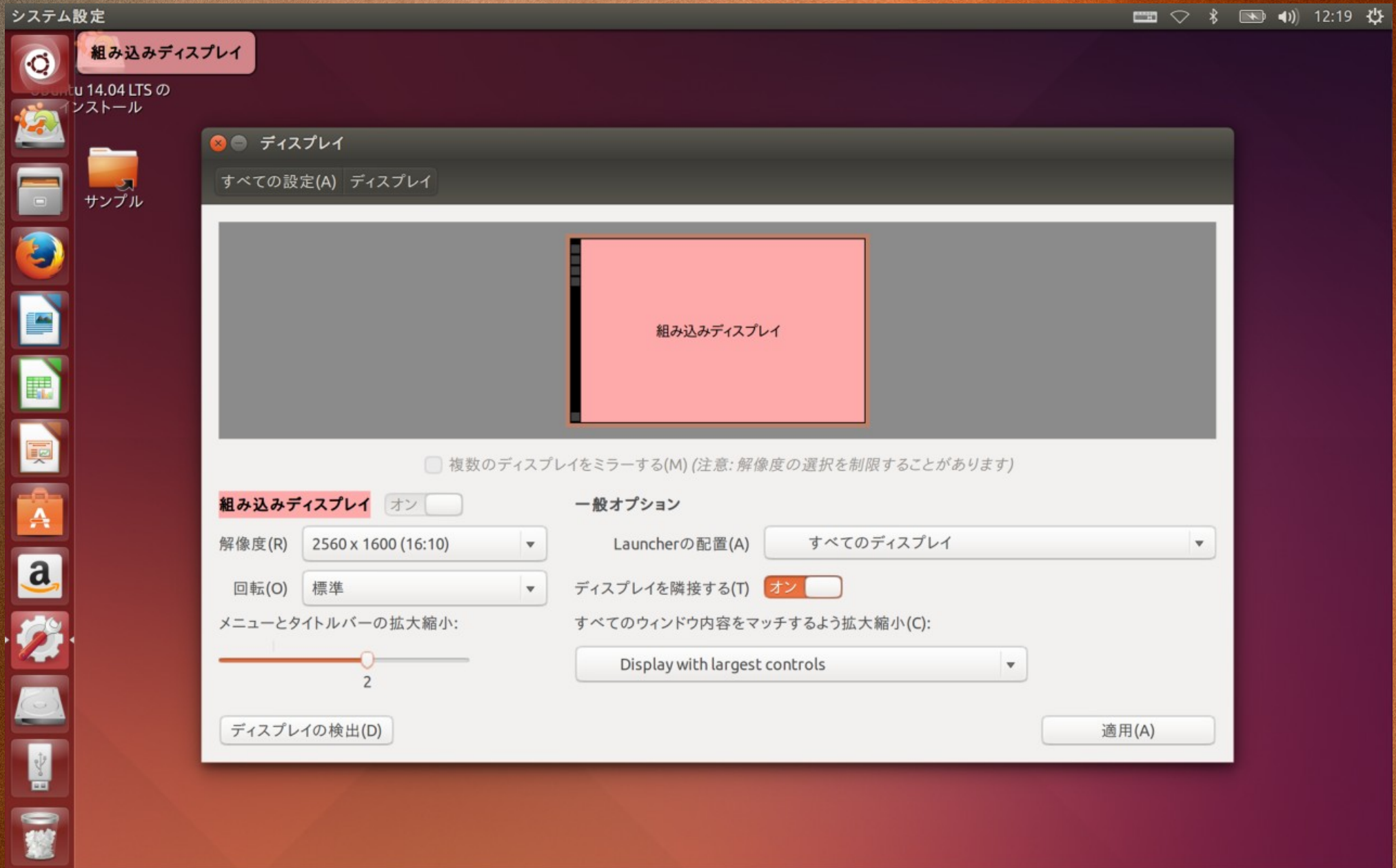
Scale for menu and title bars

——高解像度モニタ対応



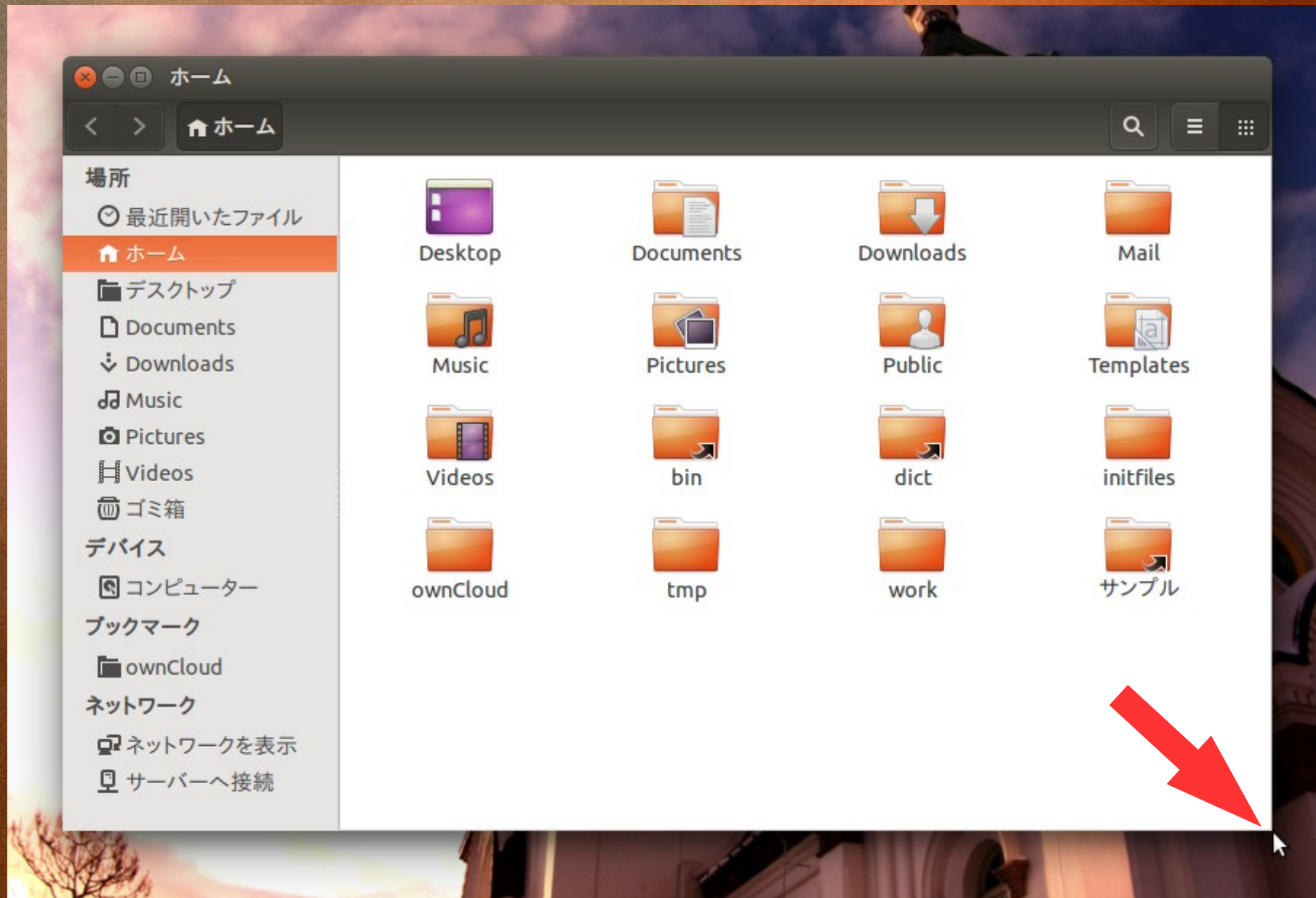
Scale for menu and title bars

—高解像度モニタ対応



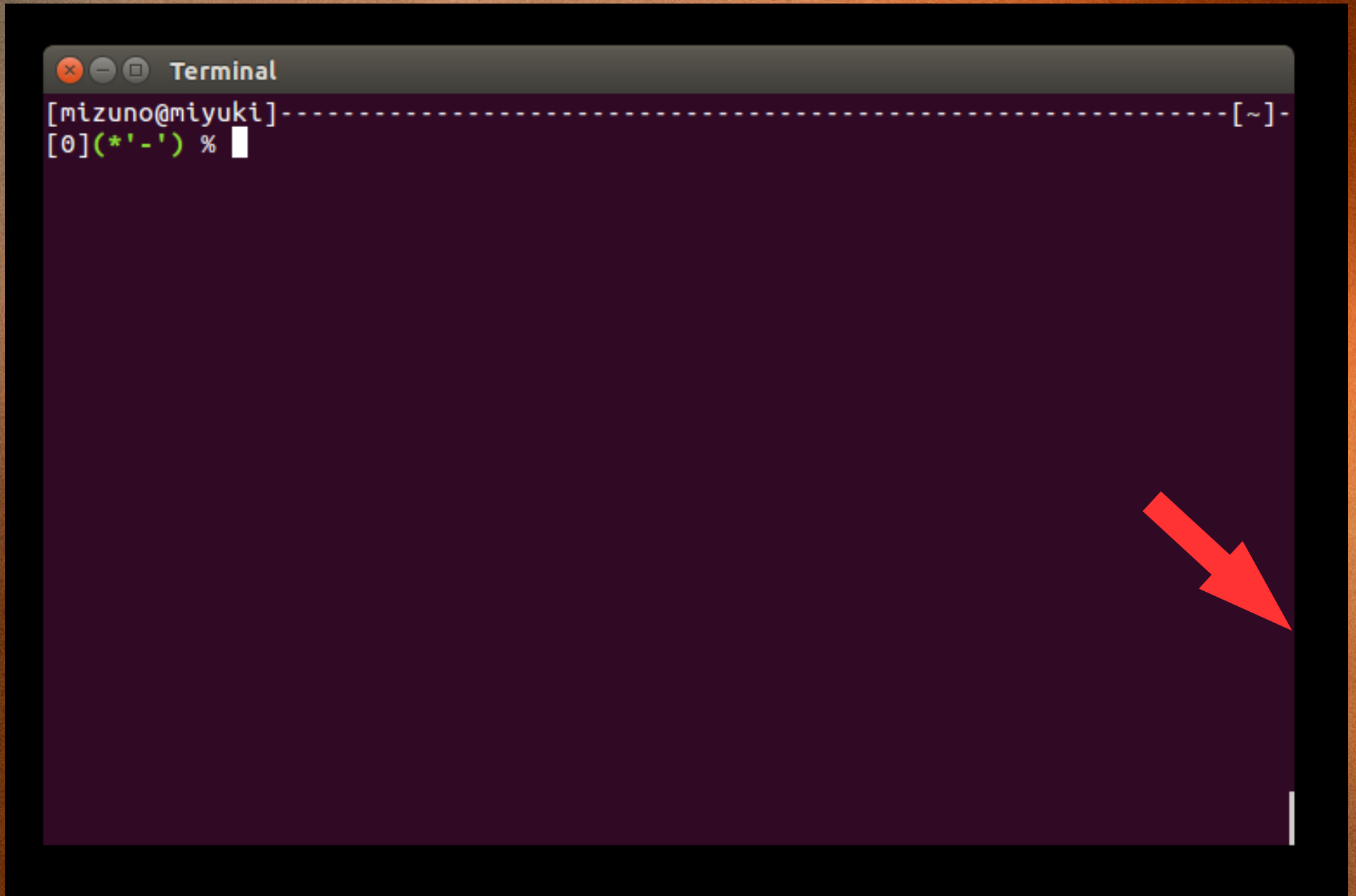
Live Window Resizing

—表示したままリサイズ



Borderless window

—フチなしのウィンドウ



Raise Volume Past 100%

—俺のハートはまだ全開じゃないぜ、的な

The screenshot shows the Windows Sound Control Panel window titled "サウンド". At the top, there are two tabs: "すべての設定(A)" and "サウンド". Below the tabs, the "出力の音量(O)" slider is set to 100%. A checkbox for "ミュート" is unchecked, and a checkbox for "100%以上の音量にすることを許可します(音声が乱れるかもしれません)" is checked. Below this, there are four tabs: "出力", "入力", "音響効果", and "アプリケーション". The "出力" tab is selected, showing "サウンドの出力先" with "Speakers" and "内部オーディオ" listed. To the right, under "Speaker の設定", there are sliders for "バランス(B)", "フェード(F)", and "サブウーファー(S)", and a "モード:" dropdown menu set to "アナログステレオ 出力". A red arrow points to the "バランス(B)" slider. At the bottom, there is a checkbox for "メニューバーに音量を表示" which is checked.

サウンド

すべての設定(A) サウンド

出力の音量(O): 100%

ミュート 100%以上の音量にすることを許可します(音声が乱れるかもしれません)

出力 入力 音響効果 アプリケーション

サウンドの出力先

- Speakers
- 内部オーディオ

Speaker の設定

バランス(B):

左 右

フェード(F):

リア フロント

サブウーファー(S):

最小 最大

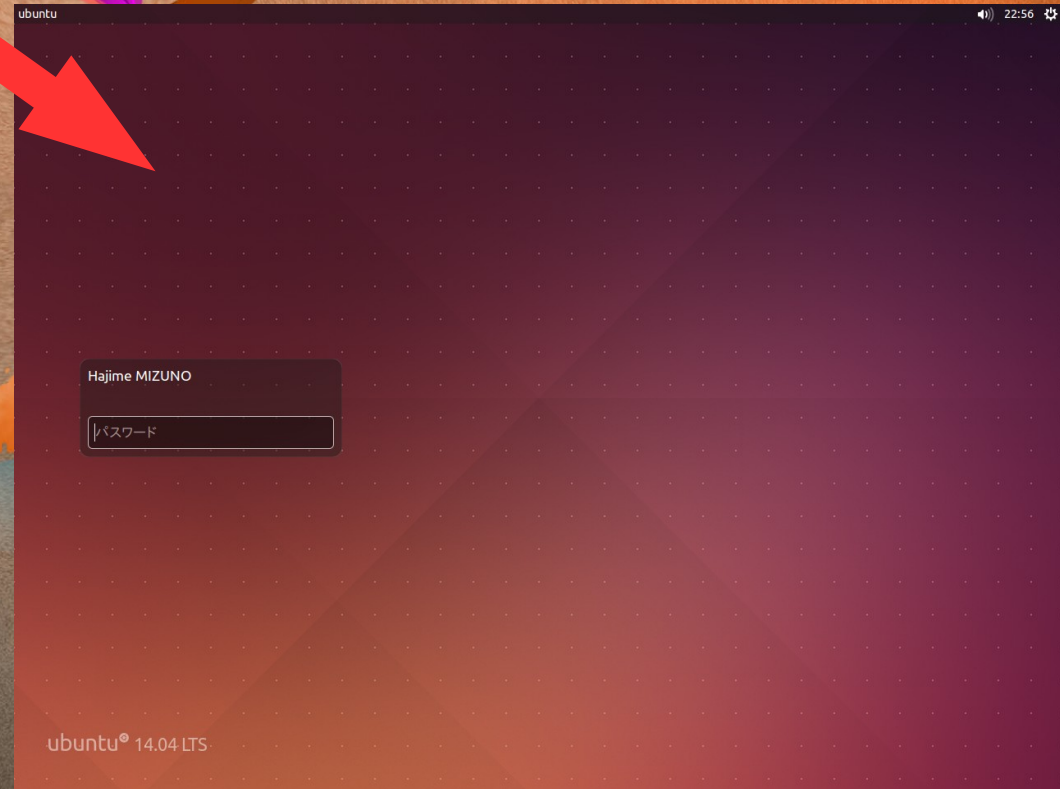
モード: アナログステレオ 出力

テスト

メニューバーに音量を表示

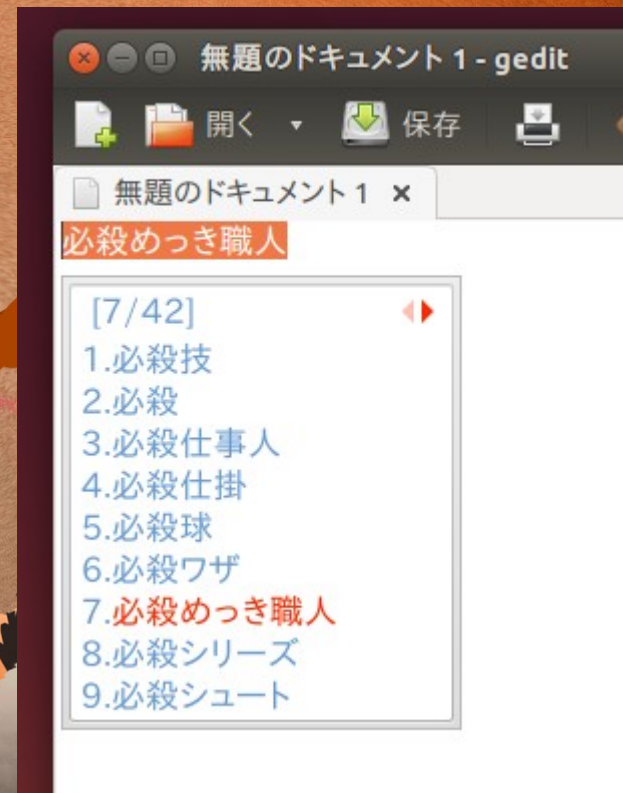
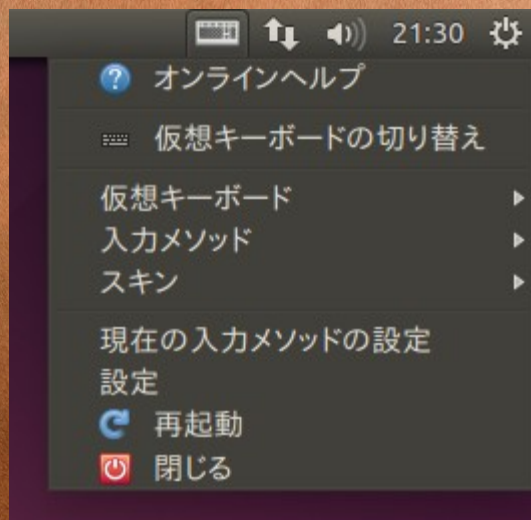
New lock screen

—*LightDM + Greeter*



Fcix became the standard

—日本語Remixの変更点



Auto SSD trimming

—Trim命令の自動発行

```
# This only runs on Intel and Samsung SSDs by default, as some SSDs with faulty  
# firmware may encounter data loss problems when running fstrim under high I/O  
# load (e. g. https://launchpad.net/bugs/1259829). You can append the  
# --no-model-check option here to disable the vendor check and run fstrim on  
# all SSD drives.  
exec fstrim-all
```



Apache Web server 2.4

—2.2から2.4へ

It works!

This is the default web page for this server.
The web server software is running but no content is available.



ubuntu

Apache2 Ubuntu Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

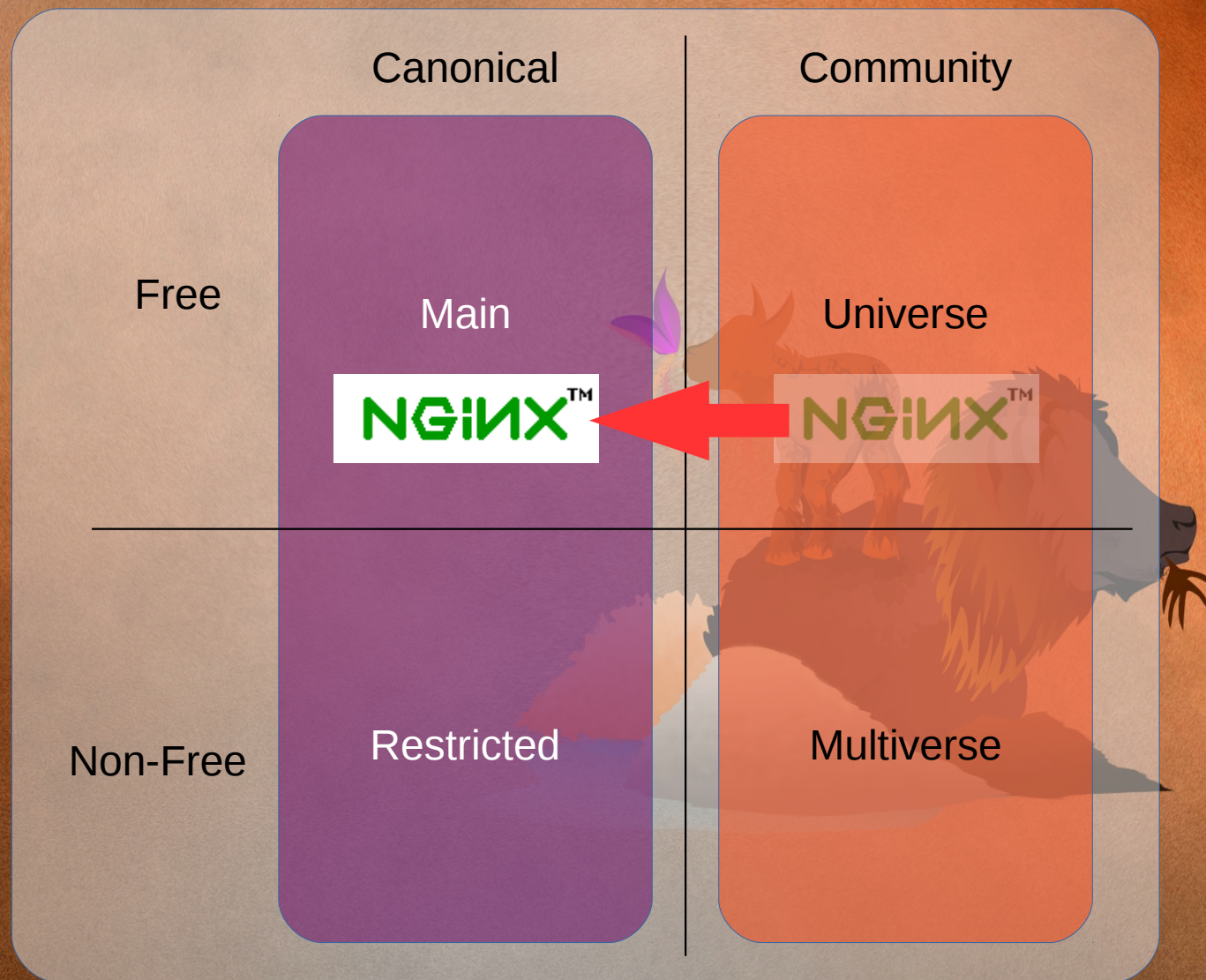
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled  
|   |-- *.conf
```


Main repository include nginx

—nginx WebサーバーのMain入り



MySQL and MariaDB

—MySQLとその代替実装

バージョン mysql-server 5.5.37-0ubuntu0.14.04.1
合計サイズ ダウンロードサイズ 9.0 MB, インストール後 96.3 MB
ライセンス オープンソース
アップデート Canonical は MySQL サーバーの重要なアップデートを 2019 年 4月 まで提供します。

バージョン mariadb-server 5.5.36-1
合計サイズ ダウンロードサイズ 11.2 MB, インストール後 117.7 MB
ライセンス オープンソース
アップデート Canonical は MariaDB database server (metapackage depending on the latest version) のアップデートを提供しません。アップデートの一部は Ubuntu コミュニティによって提供されるかもしれません。



Cloud Image for AWS

—AWS向けクラウドイメージ

ubuntu[®]

Ubuntu 14.04 LTS (Trusty Tahr) Daily Build [20140521.1]

Amazon EC2 Published AMIs

The images have been published to [Amazon EC2](#), and can be used immediately with no need to download anything. See the table below for the AMI ids. For further instruction on getting started with Amazon EC2, see the [EC2 Starters Guide](#).

Region	arch	root store	ami	ec2 command
ap-northeast-1	64-bit	ebs	Launch ami-f35516f2	ec2-run-instances ami-f35516f2 -t t1.micro --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-northeast-1	64-bit	hvm	Launch ami-39541738	ec2-run-instances ami-39541738 -t m3.medium --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-northeast-1	64-bit	hvm-instance	Launch ami-75511274	ec2-run-instances ami-75511274 -t m3.medium --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-northeast-1	64-bit	instance	Launch ami-cd4f0ccc	ec2-run-instances ami-cd4f0ccc -t m1.small --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-northeast-1	32-bit	ebs	Launch ami-87551686	ec2-run-instances ami-87551686 -t t1.micro --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-northeast-1	32-bit	instance	Launch ami-e34407e2	ec2-run-instances ami-e34407e2 -t m1.small --region ap-northeast-1 --key \${EC2_KEYPAIR_AP_NORTHEAST_1}
ap-southeast-1	64-bit	ebs	Launch ami-f6712ca4	ec2-run-instances ami-f6712ca4 -t t1.micro --region ap-southeast-1 --key \${EC2_KEYPAIR_AP_SOUTHEAST_1}
ap-southeast-1	64-bit	hvm	Launch ami-e0712cb2	ec2-run-instances ami-e0712cb2 -t m3.medium --region ap-southeast-1 --key \${EC2_KEYPAIR_AP_SOUTHEAST_1}

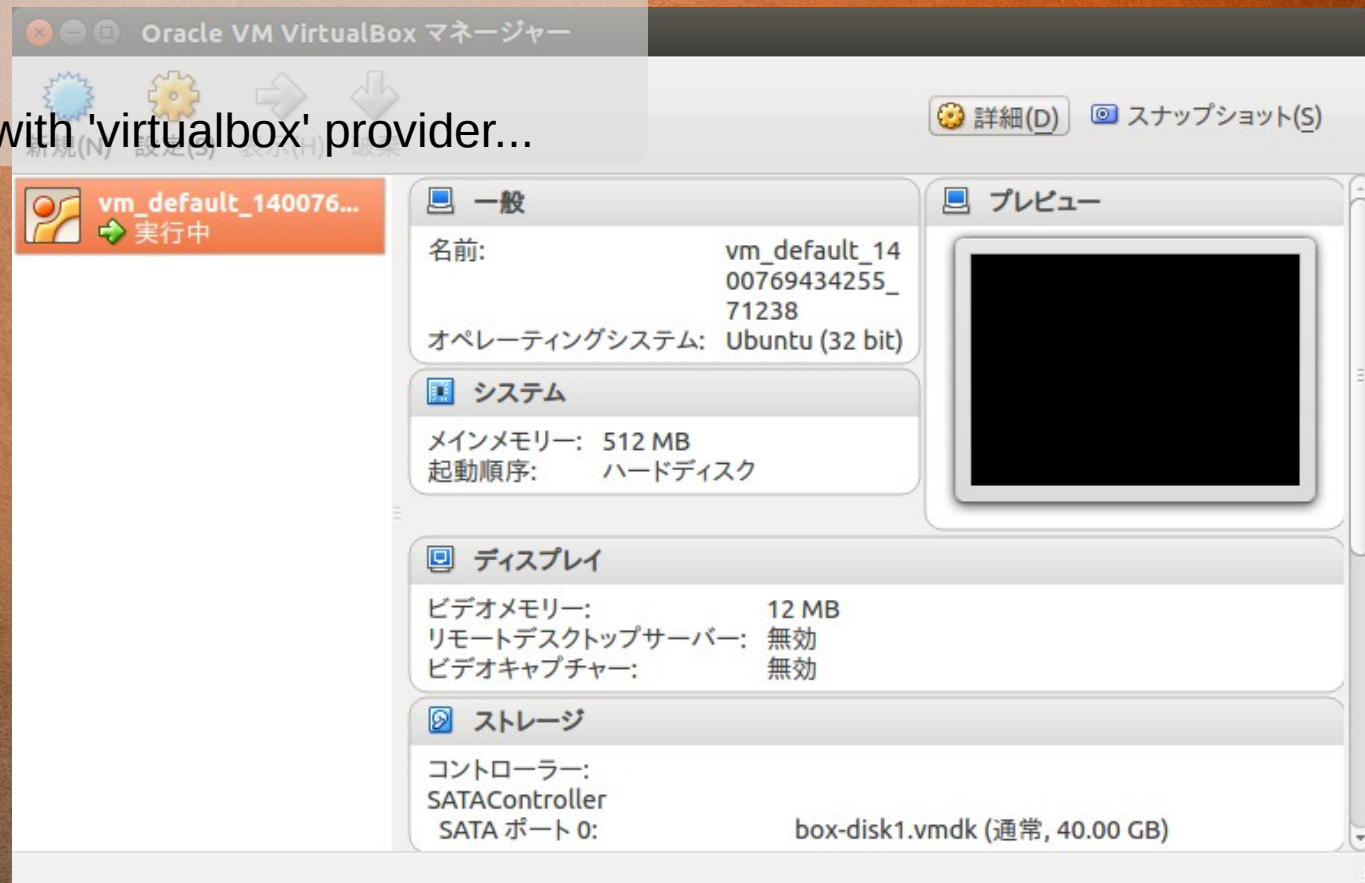
Cloud Image for Vagrant

—公式Vagrant Boxイメージ

```
$ vagrant init trusty http://cloud-images.ubuntu.com/vagrant/trusty/current/trusty-server-cloudimg-amd64-vagrant-disk1.box
```

```
$ vagrant up
```

Bringing machine 'default' up with 'virtualbox' provider...

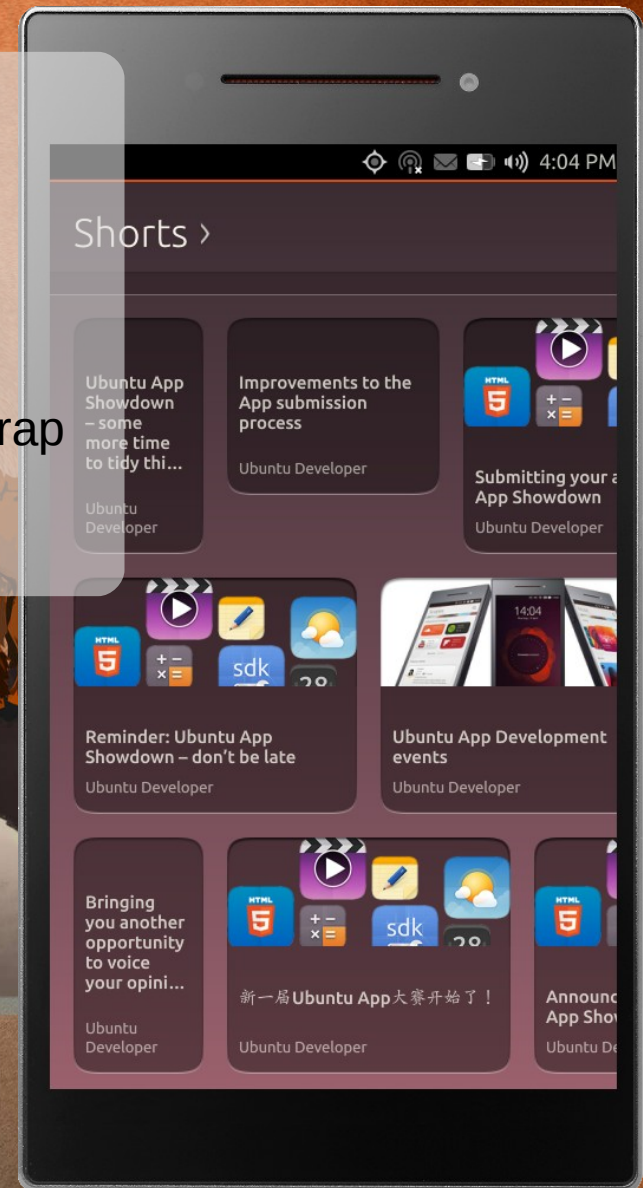


Ubuntu Touch

—モバイル向けUbuntu

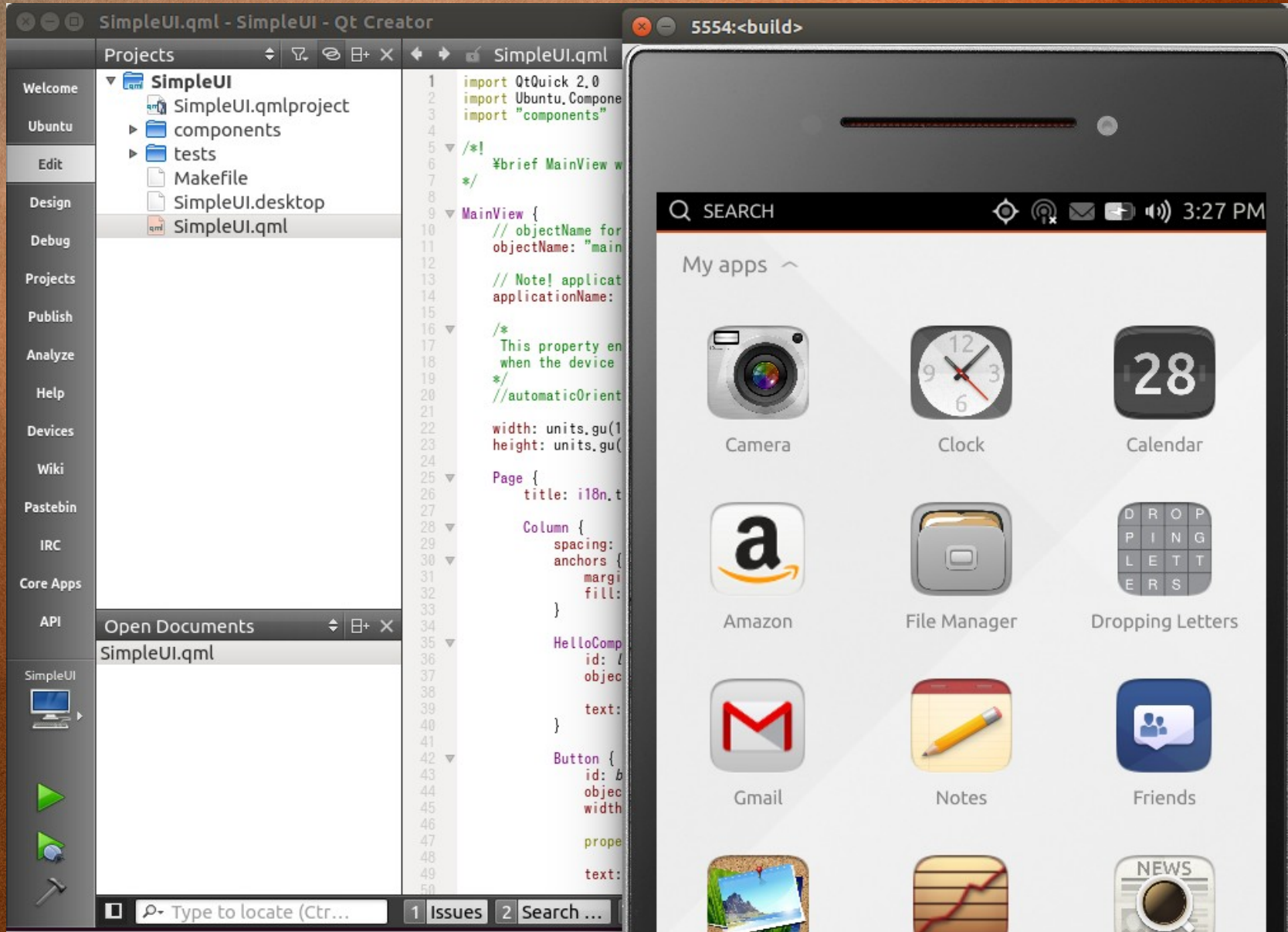
```
$ sudo add-apt-repository ppa:phablet-team/tools  
$ sudo apt-get update  
$ sudo apt-get install ubuntu-device-flash
```

```
$ sudo fastboot oem unlock  
$ adb reboot-bootloader  
$ ubuntu-device-flash --channel=touch/trusty --bootstrap
```



Desktop Convergence

—次世代のデスクトップへ



Have any questions?

—ご質問は？



Photos

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Okinawa twilight – FooNar
Schoolgirl with books on head – CollegeDegrees360
Intel SSD - Laineema

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Trusty Tahr :) - Phillip Taylor