Debian / Ubuntu: different infrastructure

- Ubuntu: centralized infrastructure (Launchpad)
- Debian: different, distributed services
  - Archive management
  - Buildds
  - bugs.debian.org
  - LDAP
  - Keyring
  - Popularity contest (packages popularity)
  - DEHS (upstream version monitoring)
  - ...

Problem: difficult to combine all that data
(Different locations, programming languages, data formats)
Ultimate Debian Database (UDD)

Idea: gather everything into a single SQL DB

Useful for:
- Quality Assurance
- Extracting cool facts about Debian

Debian Sources and Packages, bugs, popularity contest, testing migrations, upload history, orphaned packages, carnivore, lintian, debtags, translations, NEW queue, screenshots, DEHS, ldap, wanna-build, removals, Ubuntu Sources and Packages, Ubuntu bugs, Ubuntu popularity contest
### Ubuntu on the Package Tracking System

#### Overview of `nmap` source package

**General information**
- **Latest version:** 4.68-1
- **Maintainer:** LaMont Jones
- **Conforms to:** 3.7.2.2
- **Priority:** extra
- **Section:** net
- **VCS:** Git (browse)

**Available versions**
- **Oldstable:** 4.11-1
- **Stable:** 4.62-1
- **Testing:** 4.68-1
- **Unstable:** 4.68-1

**Source package**
- **Files**
  - `.dsc`  
  - `.orig`
  - `.diff`

**Binary packages**
- **nmap** (27 bugs: 0, 12, 9, 6)

#### Todo
- **Todo**
  - Lintian reports 8 warnings about this package. You should make the package **lintian clean** getting rid of them.
  - mentors.debian.net has version 4.76-1 of this package, you should consider sponsoring its upload.
  - The package should be updated to follow the last version of Debian Policy (Standards-Version 3.8.2 instead of 3.7.2.2).
  - The BTS contains patches fixing 1 bug, consider including or untagging it.

#### Bugs count
- **All bugs** (graph): 29 (32)
  - RC bugs: 0
  - I&N bugs: 13 (14)
  - M&W bugs: 12
  - F&P bugs: 4 (6)

#### PTS subscription
- **Subscribers count:** 5
  - Subscribe
  - your email
  - Send

#### Latest news [RSS]
- [2009-02-16] nmap 4.68-1 MIGRATED to testing (Britney)
- [2008-08-01] Accepted 4.68-1 in unstable (low) (LaMont Jones)
- [2008-06-27] nmap 4.62-1 MIGRATED to testing (Britney)
- [2008-06-14] Accepted 4.62-1 in unstable (low) (LaMont Jones)
- [2008-04-25] nmap 4.53-3 MIGRATED to testing (Britney)
- [2008-04-04] Accepted 4.53-3 in unstable (low) (LaMont Jones)

#### Other links
- Changelog / Copyright
- Buildd: logs, more, exp, ports
- Lintian report (0, 8)
- Popcon stats

#### Ubuntu ...
- Version: 4.76-0ubuntu4
- Patch for version 4.76-0ubuntu4
- 13 open bugs

lucas@debian.org  UDD and Ubuntu
Packages in Ubuntu, but not in Debian

In universe, low popcon, not updated since hardy?
Likely to be good candidate for removal!

```sql
select src1.source, coalesce(insts, 0) insts
from ubuntu_sources src1
join ubuntu_sources src2 using (source, version)
left join ubuntu_popcon_src popcon using (source)
where src1.component in ('universe', 'multiverse')
and src1.release='lucid' and src2.release='hardy'
and src1.source not in
  (select source from sources where release = 'sid')
order by insts asc;
```
Packages in Ubuntu, but not in Debian

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Debian uploads using @ubuntu.com

```sql
select changed_by, count(*) from upload_history
where changed_by_email ˜ '@ubuntu.com'
group by changed_by
order by count desc;
```
Ubuntu usertags on the BTS

Documented at https://wiki.ubuntu.com/Debian/Usertagging

Use submittodebian to send patches!

http://udd.debian.org/cgi-bin/ubuntu_usertag.cgi
Ultimate Debian Database

http://udd.debian.org/
http://wiki.debian.org/UDD

(Alioth.debian.org account is enough)