



**Integrating documentation, user support,
and developer resources at Linuxaudio.org**

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Introduction

- **What is Linuxaudio.org?**
- **Mission**
 - Linuxaudio.org is a not-for-profit consortium of libre software projects and artists, companies, institutions, organizations, and hardware vendors using Linux kernel-based systems and allied libre software for audio-related work, with an emphasis on professional tools for the music, production, recording, and broadcast industries. The consortium aims to co-ordinate joint projects between members, collaborate on the promotion of Linux based systems for audio tasks, offer programs beneficial to members and subsequently its mission, and provide a single point of contact for prospective industry partners.
- **Resources**
- **Opportunities**



Current Projects

- **CD series**
 - Volume 1 gets new covers
 - Volume 2
- **New Server**
 - New domains
 - linuxaudio.org
 - download.linuxaudio.org
 - lau.linuxaudio.org
 - ladspavst.linuxaudio.org
 - lists.linuxaudio.org
 - lowlatency.linuxaudio.org
 - lad.linuxaudio.org
 - quicktoots.linuxaudio.org
- **Ongoing membership drive and recruitment**
- **Listserv integration**



Near Future Projects

- **Annual CD series**
 - Volume 2
- **Free Audio Driver Design**
- **Non-profit Incorporation**
 - Critical component for:
 - Fund-raising
 - Fostering growth
 - Establishing ties with the corporate and institutional entities
 - Need for dedicated volunteers
- **Continued efforts in consolidation of resources**
- **and...**



Integration

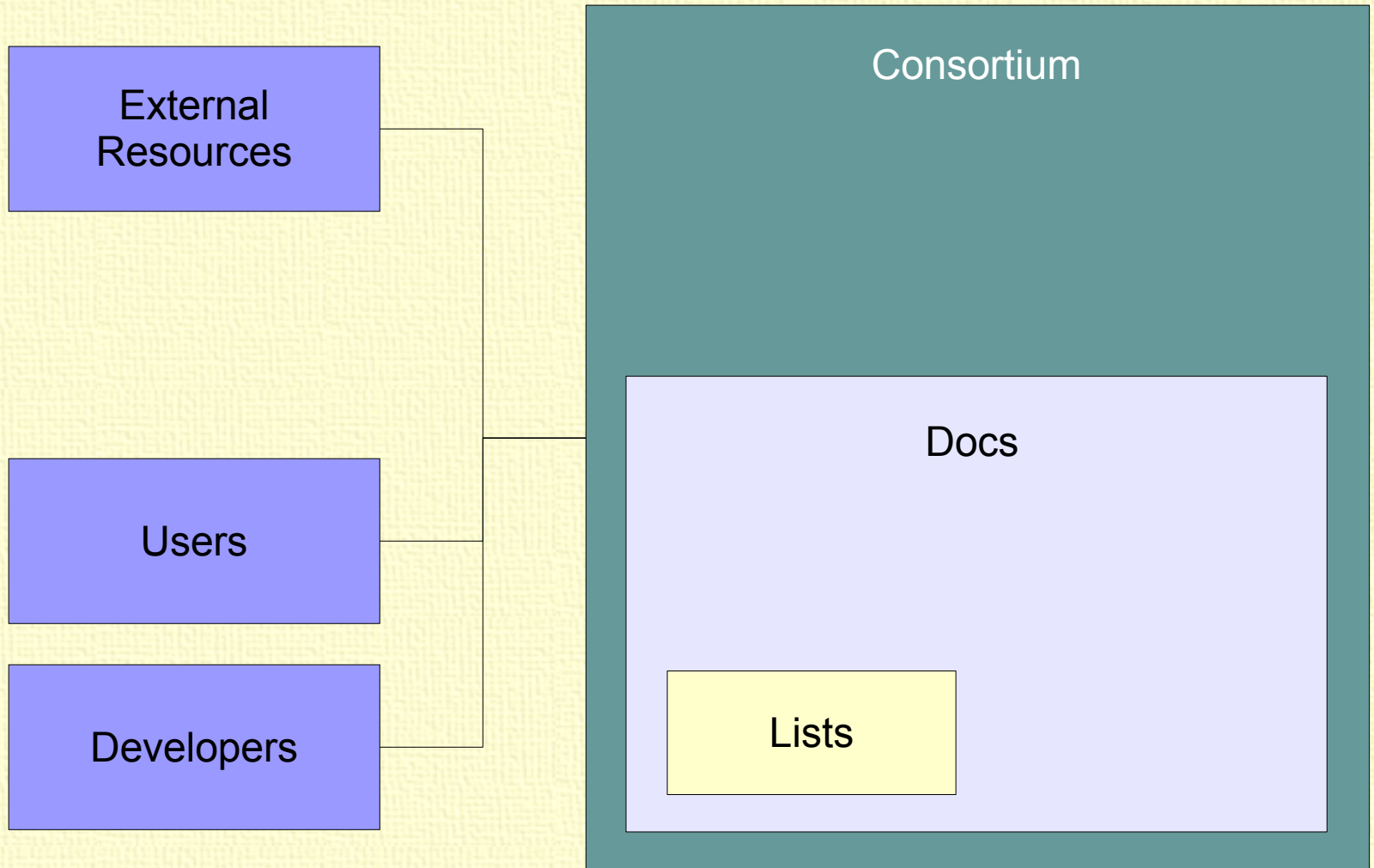
- **Impetus**

- The One Page
- Fragmented Content
- Inaccurate and often conflicting data
- Diminished new user uptake
- Documentation deficiencies
- Huge generational knowledge gap
- Rampant lack of awareness of the current state of audio on Linux
- Web presence trends point to shift towards dynamic, user-editable content (Myspace, Youtube, Wikipedia, etc.)

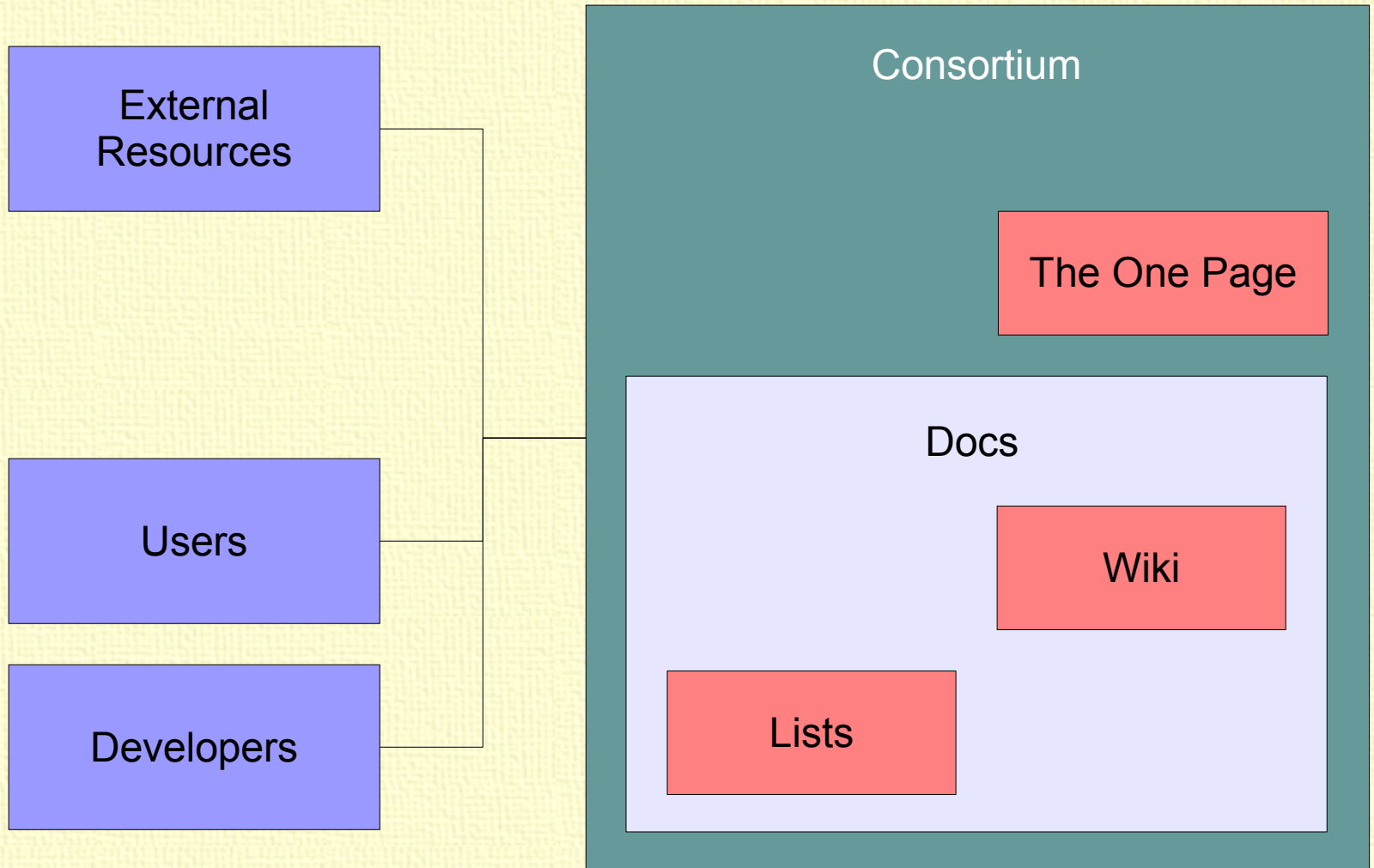
- **Prime opportunity for consolidation**



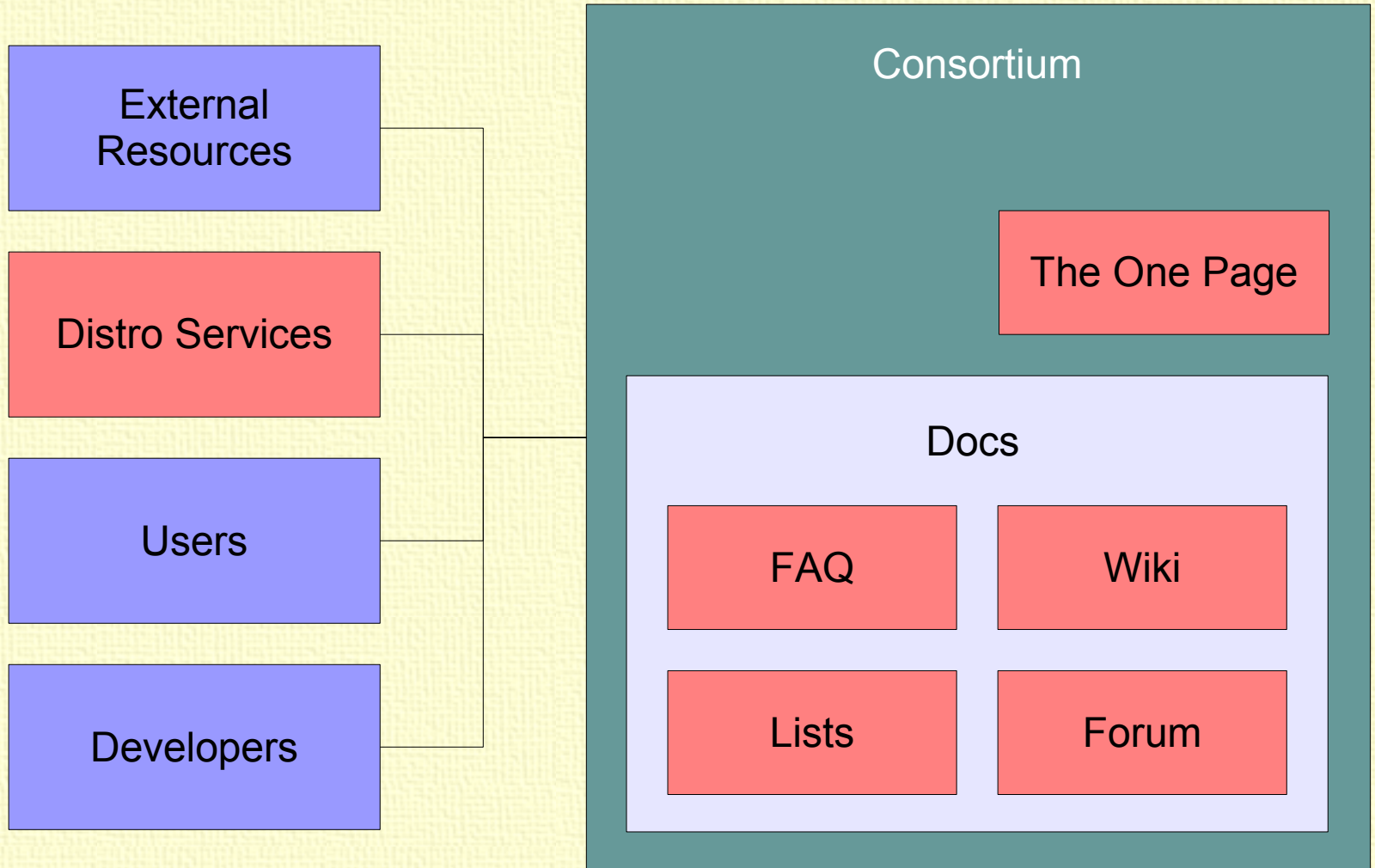
Welcome to the Web 2.0



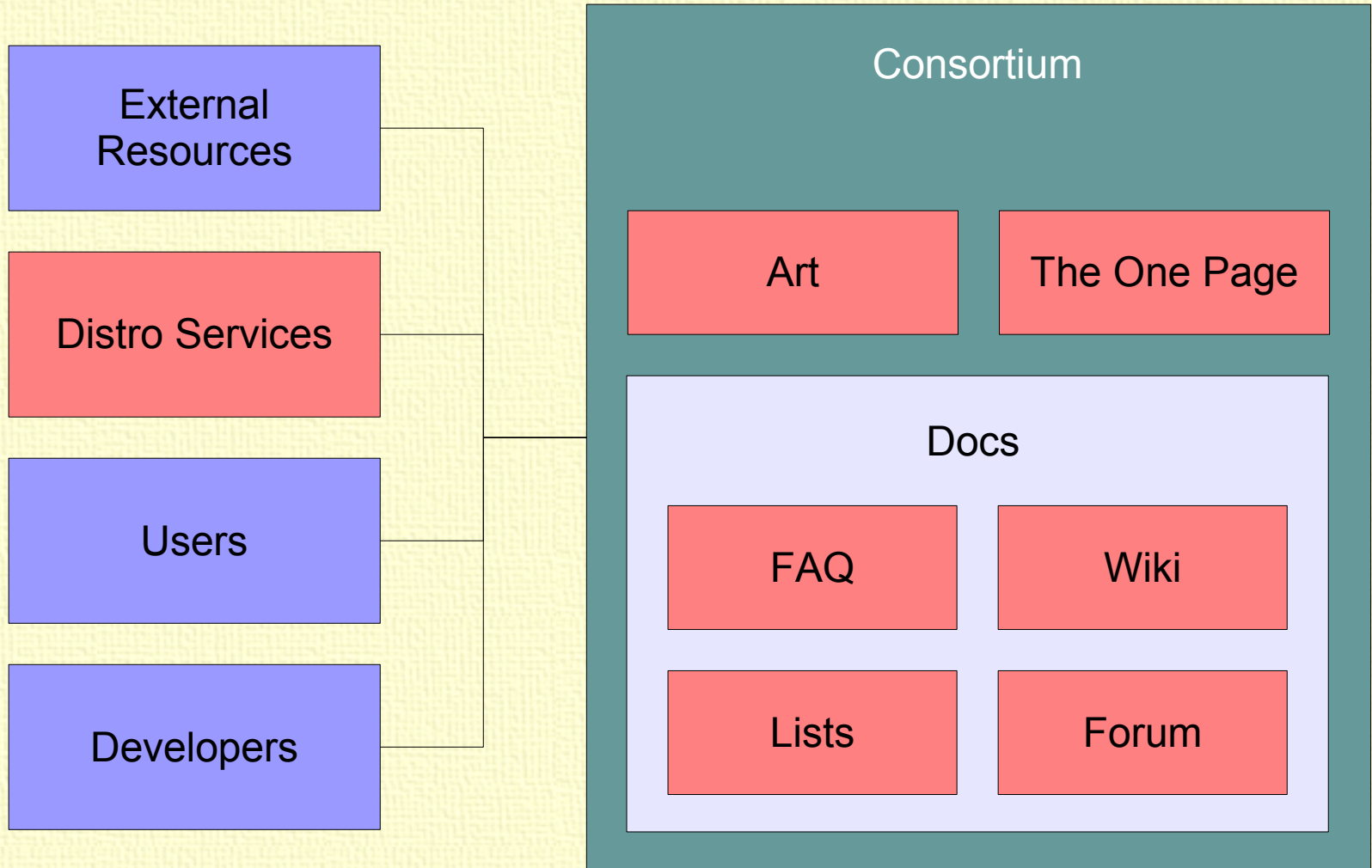
Welcome to the Web 2.0



Welcome to the Web 2.0



Welcome to the Web 2.0



Introducing apps.linuxaudio.org

- maintained long living index
- conserve Dave Phillip's linux-sound.org
- semi-automatic update of content
- allow public contributions
- central open repository and archive

Consider *apps* as an collection of “named links”.

apps implements a dynamic web-reference, indexing external and local resources and providing the reader with comments and meta-information for each application or link.



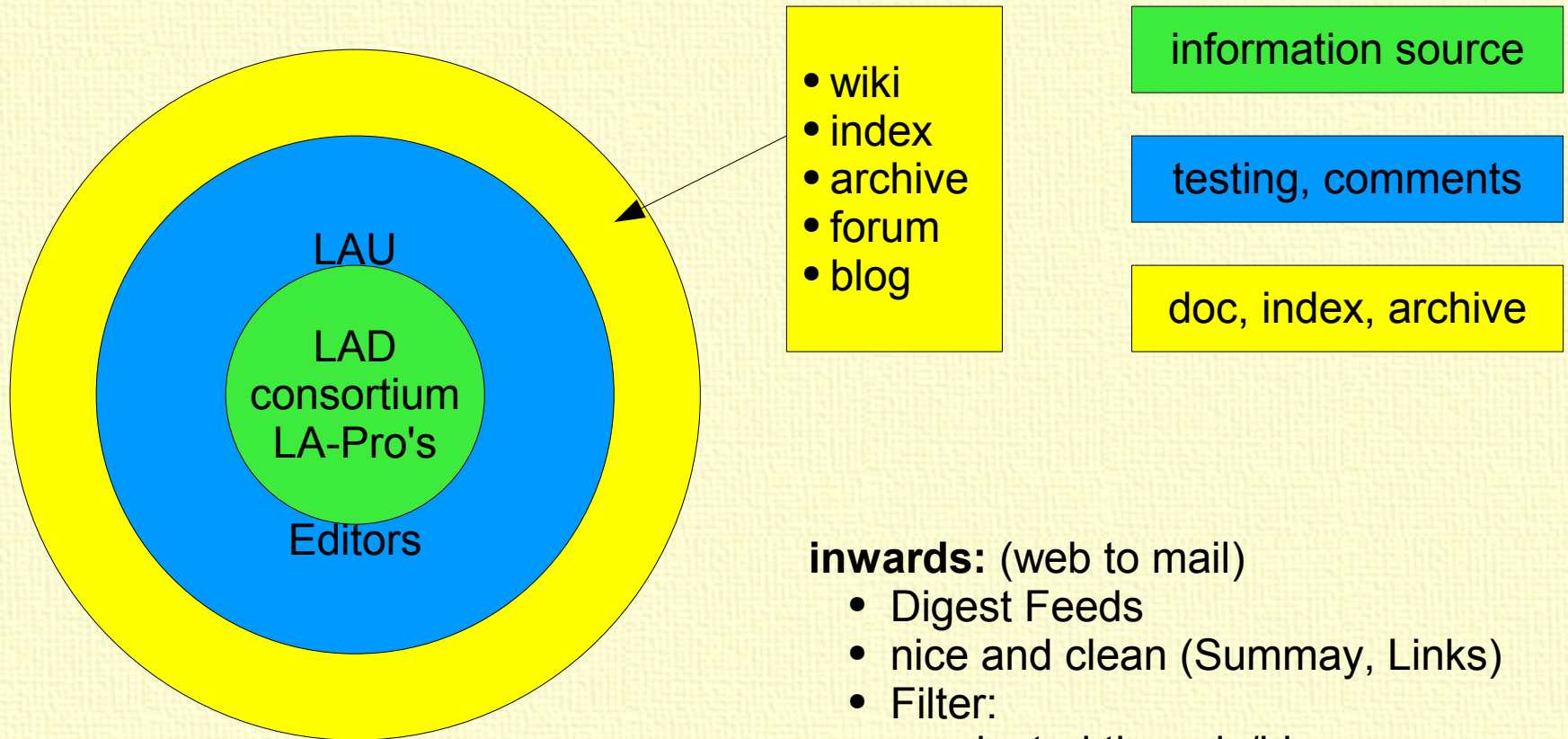
apps and friends – vHosts Ideas

- apps
 - index
- wiki
 - public documentation & notes
- blog
 - public chat, comments & media
- docs
 - static docs + optional user comments
- lists
 - mailing lists
- www
 - LA consortium

(lists mailman) **lad/lau**
(Linux & VST) **ladspavst**
(font-face, guide) **portal**
(tutorials) – **quicktoots**
(web-statistics) **stats**



information Flow



outbound: (mail to web)

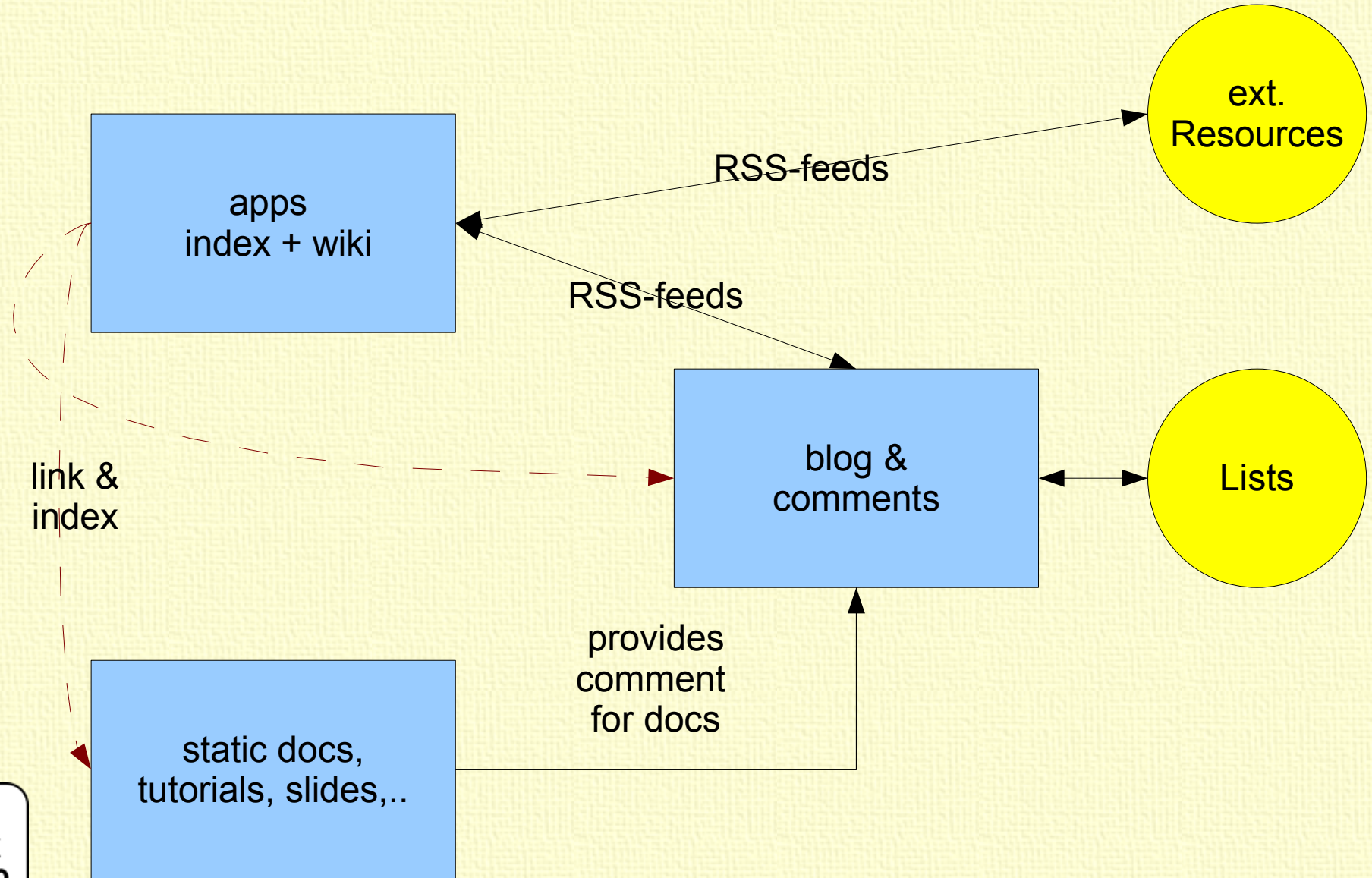
- mail reader
- auto-generate blog comments
- wiki-editors
- auto archive / index

inwards: (web to mail)

- Digest Feeds
- nice and clean (Summary, Links)
- Filter:
 - selected threads/blogs
 - selected users (editors)
 - sign-off strategy



Arranging the Services



apps.linuxaudio.org Prototype

- 1500 entries on <http://apps.linuxaudio.org>
- per entry
 - short description
 - multiple tags (categories)
 - unique meta information (topic, screenshot, URL,..)
- automated category listing
http://apps.linuxaudio.org/apps/categories/all_things_jack
- feeds and export
 - <http://apps.linuxaudio.org/feed.php?mode=list&ns=apps:all>
 - http://apps.linuxaudio.org/_export/raw/apps:all:alsa
- integrated wiki (-> wiki.linuxaudio.org)
 - <http://apps.linuxaudio.org/wiki/>



what apps.linuxaudio.org is not

- Forum to discuss application(s)
 - bug reports
 - how-to, hints
 - but: make annotation or link to discussion & tag the entry
- Automatic News Aggregation
 - sign-off major changes
 - but: update version numbers, auto add *some* tags,..
- ??



Implementation Details

- ***apps & wiki – dokuwiki***
 - wiki-page index 'free house'
 - not spoiled with comments,..
 - export RSS feeds
 - allow rsync & xml im/export + mirroring
 - use feeds to update meta-data (sf.net: specs, Isf, ..)
- ***blog – drupal (or wordpress)***
 - media management & comment-engine
 - selected blogs produce email-notifications
 - RSS + permalinks
- ***docs – custom xslt,php***
 - provide header/footer links to or include discussion
 - updates or milestones are posted to email-list
- ***mail – mailman, ?***
 - classic mailman
 - gmane like interface to browse lists.



apps.linuxaudio.org data structure (1/2)

- each entry has its own page
<http://apps.linuxaudio.org/apps/all/<name>>
- an application entry consists of
 - Title = name
 - meta-info (unique)
 - URL
 - short-description
 - visual-URLs (*screenshot, logo,..*)
 - other meta-tags (*author, version..*)
- tags
 - entry-tags (multiple – space separated)
 - meta-tags (eg. *topic* - unique)
- wiki-page = elaborate desc

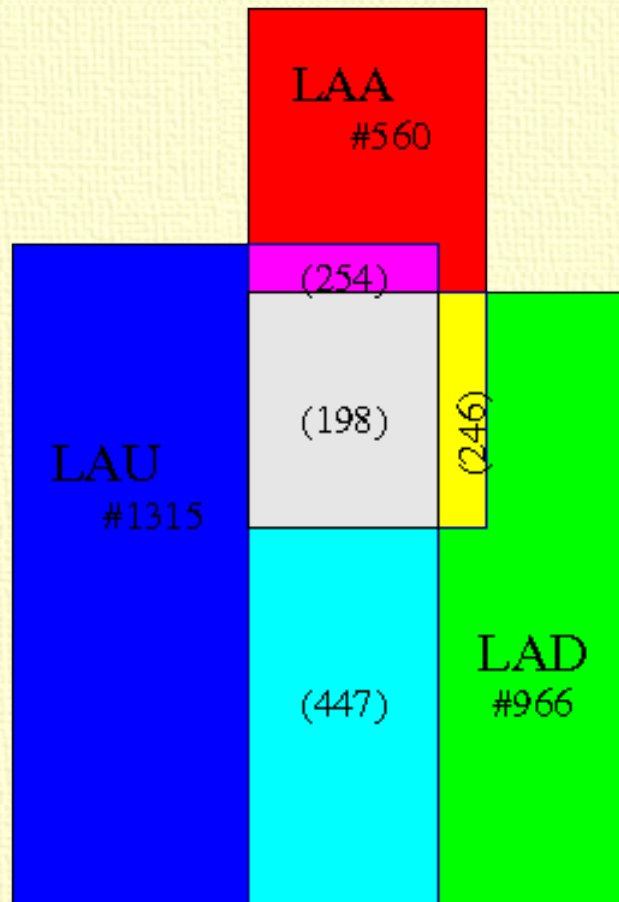


apps.linuxaudio.org data structure (2/2)

- categories are generated for each (new) tag
<http://apps.linuxaudio.org/categories/<name>>
- special tags are visually highlighted.
http://apps.linuxaudio.org/categories/all_things_jack
[http://apps-devel.linuxaudio.org/apps/categories/
linux_audio_bundles_distributions_and_music_collections](http://apps-devel.linuxaudio.org/apps/categories/linux_audio_bundles_distributions_and_music_collections)
- categories are organized loosely in a tree with possible loops (mesh)
 - parent, child structure dep. on *topic* & *category* meta-info
 - (currently off-line perl-script + maintainer interactive)
<http://apps.linuxaudio.org/apps/index>
<http://apps.linuxaudio.org/apps/alltags>



linuxaudio.org mailing lists



2092 unique subscribers

$LAD \cap LAA = 246$

$LAD \cap LAU = 447$

$LAU \cap LAA = 254$

- X-Posting is justified!
- “Consortium” list stats not incl.

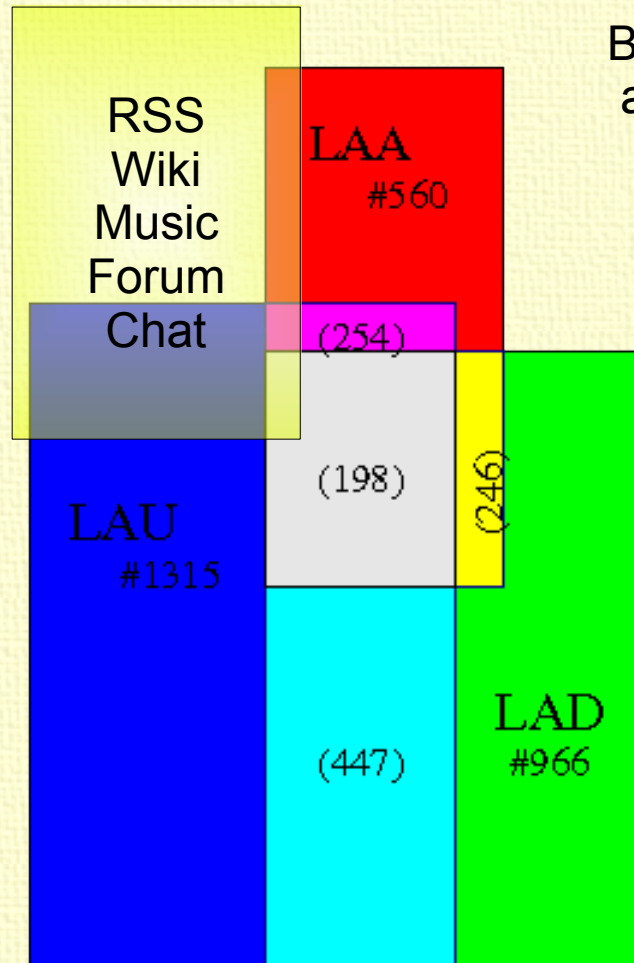
15 march 2007

linuxaudio.org



Introducing lan@linuxaudio.org

Bridging the Gap between the visual-web and email communities.



one way Gateways

- Forum/Blog/RSS to email-list
- email to web-comment
- (web-mail/archive)

Linux-Audio-News

- selected forum/doc Threads
- automated Announce (RSS)

LAN/LAU/?

- edited/condensed [chat/wiki/blog]

15 march 2007

linuxaudio.org



Call for Participation

- **Linuxaudio.org needs your help**

- Volunteers for the Web 2.0 project
- Administrative officers and staff

- **If interested please contact us:**

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