



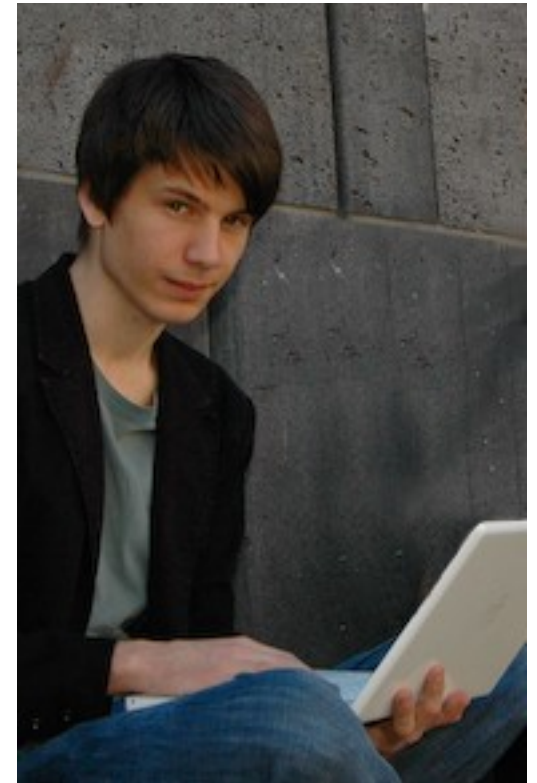
gPodder

Ein Open Source Podcasting Client

Thomas Perl
Linuxwochen 2008

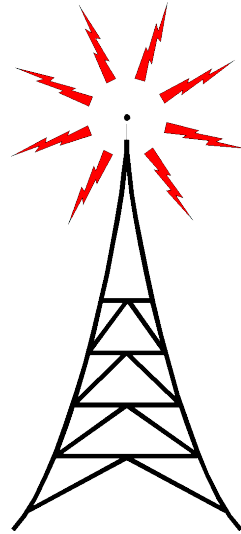
Thomas Perl

- Student, 21 Jahre
- Software Engineering (TU Wien)
- Linux seit 2003



Überblick

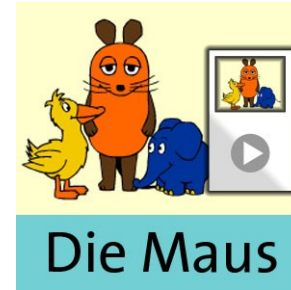
Podcasting
User Interfaces
gPodder
Internet Tablets



iPod + Broadcast = Podcast

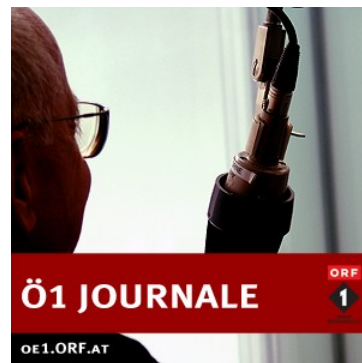
Was ist ein Podcast?

Podcasting

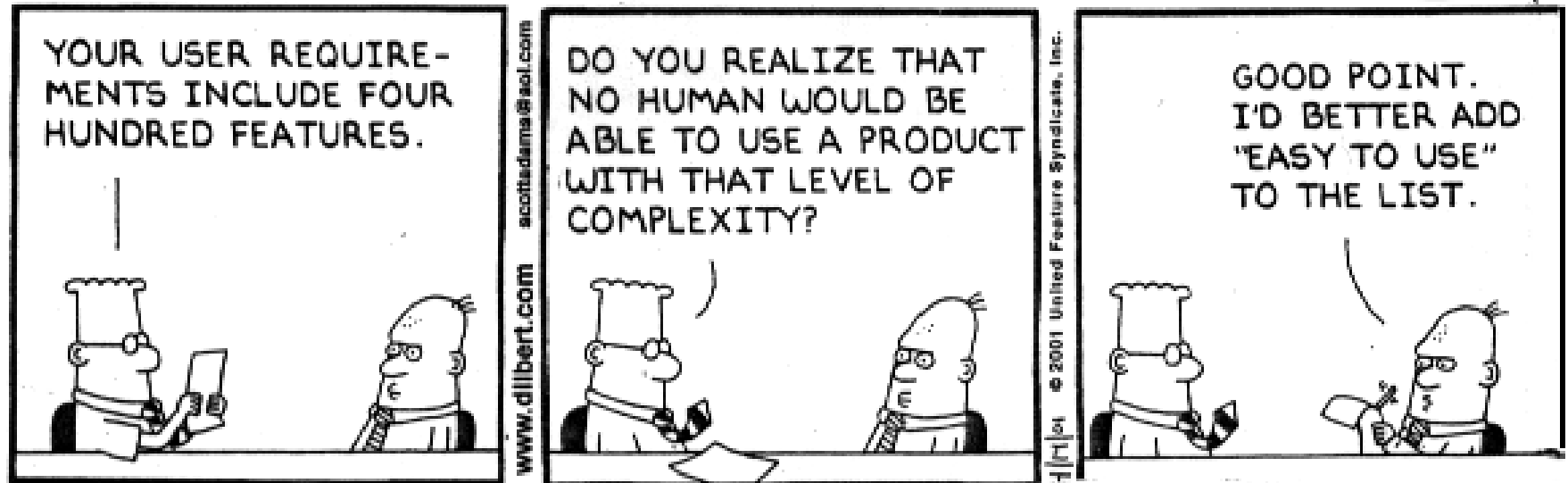


- “Produzieren und Anbieten von Mediendateien [...] über das Internet”

(wikipedia.org)

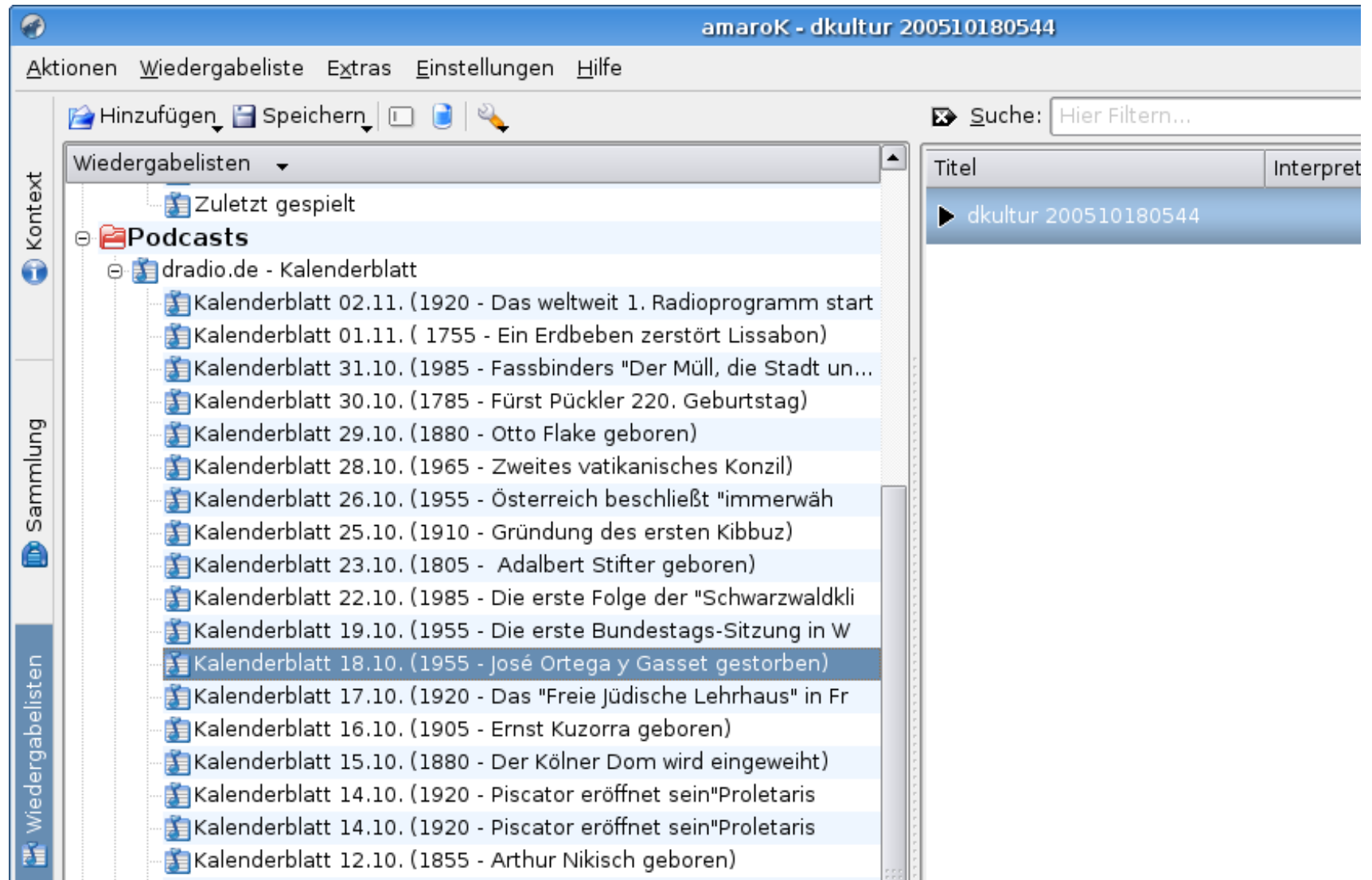


DILBERT by Scott Adams



Podcast-Clients und deren User Interfaces

Amarok



Rhythmbox

The screenshot displays the Rhythmbox application window. The title bar reads "Clap Your Hands Say Yeah - Upon This Tidal Wave of Young Blood". The menu bar includes "Music", "Edit", "View", "Control", and "Help". The toolbar contains buttons for "Previous", "Play", "Next", "Repeat", "Shuffle", "Browse", "New Podcast Feed", and "Update All Feeds". The main area shows the current track "Upon This Tidal Wave of Young Blood" by Clap Your Hands Say Yeah, with a progress bar at 4:09 of 4:34. On the left, a sidebar lists sources: "Play Queue", "Library", "Podcasts", "Radio", "Last.fm", "Magnatune", and "Jamendo". The "Podcasts" source is selected, displaying a table of podcast episodes.

Date	Title	Feed	Time	Rating	Play Count	Last Played	Status
Yesterday 11:30 AM	The Linux Link Tech Show Episode 194	The Linux Link T	2:38:25	★★★★*	Never	Never	Downloaded
Sun 06:01 PM	NPR: 05-27-2007 Wait Wait... Don't Tell Me!	NPR: Wait Wait...	47:29	★★★★*	Never	Never	Downloaded
Sat 07:20 PM	Royal Flush	KPBS A Way with	51:21	★★★★*	Never	Never	Downloaded
Fri 12:00 AM	Anita K. Jones: 2007 IEEE Founders Medal recipient	Spectrum Radio	16:20	★★★★*	Never	Never	Downloaded
May 23 11:30 AM	The Linux Link Tech Show Episode 193	The Linux Link T	Unknown	★★★★*	Never	Never	
May 20 06:06 PM	NPR: Wait Wait... Don't Tell Me! for Sunday, May 20 2007	NPR: Wait Wait...	48:00	★★★★*	Never	Never	
May 19 05:32 PM	Your Brain on Shakespeare	KPBS A Way with	51:22	★★★★*	Never	Never	
May 18 12:00 AM	Bob Lucky reflects on digital photography	Spectrum Radio	Unknown	★★★★*	Never	Never	
May 16 11:30 AM	The Linux Link Tech Show Episode 192	The Linux Link T	Unknown	★★★★*	Never	Never	
May 13 06:03 PM	NPR: Wait Wait... Don't Tell Me! for Sunday, May 13 2007	NPR: Wait Wait...	47:46	★★★★*	Never	Never	
May 13 01:08 AM	The Vocabulary Police?	KPBS A Way with	51:25	★★★★*	Never	Never	
May 11 12:00 AM	Vint Cerf: How J.R.R. Tolkien changed my life	Spectrum Radio	Unknown	★★★★*	Never	Never	
May 09 11:30 AM	The Linux Link Tech Show Episode 191	The Linux Link T	Unknown	★★★★*	Never	Never	
May 06 06:02 PM	NPR: Wait Wait... Don't Tell Me! for Sunday, May 06 2007	NPR: Wait Wait...	47:39	★★★★*	Never	Never	
May 05 11:15 PM	Is There a Synonym for . . . "Synonym"?	KPBS A Way with	51:40	★★★★*	Never	Never	
May 04 12:00 AM	Extra! Extra! Electronic newspapers designed for handhel...	Spectrum Radio	Unknown	★★★★*	Never	Never	
May 02 11:30 AM	The Linux Link Tech Show Episode 190	The Linux Link T	Unknown	★★★★*	Never	Never	
Apr 29 06:02 PM	NPR: Wait Wait... Don't Tell Me! for Sunday, Apr 29 2007	NPR: Wait Wait...	48:12	★★★★*	Never	Never	
Apr 28 09:20 AM	To Kill an Adjective	KPBS A Way with	51:21	★★★★*	Never	Never	
Apr 25 11:30 AM	The Linux Link Tech Show Episode 189	The Linux Link T	Unknown	★★★★*	Never	Never	

jPodder

The screenshot shows the jPodder application window. The main interface includes a menu bar (Bestand, Zenders, Geschiedenis, Podcasts, Downloads, Bewak, Help), a toolbar (Persoonlijke zenders, Gids, Downloads, Dagboek, Instellingen), and buttons for 'Nu downloaden' and 'Belijken'. A table lists various podcasts with columns for 'Ab...', 'Zender', 'Lijst', and 'Kwaliteit'. The 'this WEEK in TECH' podcast is highlighted. An 'MP3 Informative' dialog box is open, displaying metadata for the selected podcast.

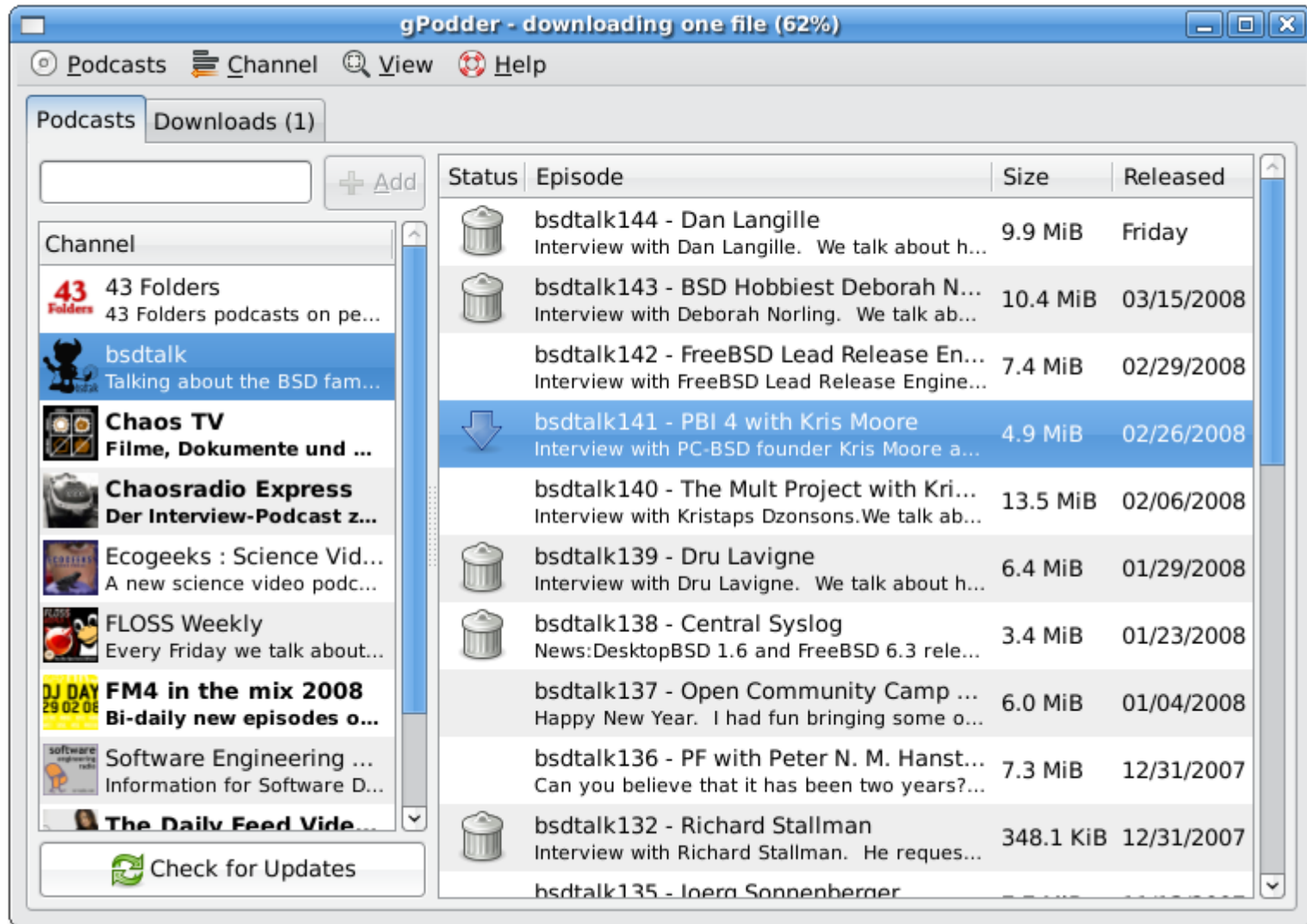
Ab...	Zender	Lijst	Kwaliteit
<input checked="" type="checkbox"/>	Adam Curry: Daily Source G(-1,988,320,128.0 KB) http://www.weblogs.com/00000141/ucmpast0...	2	🟡
<input checked="" type="checkbox"/>	Coverville (-1,235,768,192.0 KB) http://www.coverville.com/podcast/	1	🟡
<input checked="" type="checkbox"/>	Pacific Coast Highway (1,444.2 MB) http://www.freebourn.com/PacificCoastHighway	1	🟡
<input checked="" type="checkbox"/>	this WEEK in TECH (1,634.4 MB) http://www.thisweekintech.com/	1	🟡
<input type="checkbox"/>	2. Free Talk Live (4.1 MB) http://freetalklive.com/files/directory.php	1	🟡
<input type="checkbox"/>	5. Nobody Likes Orions (41.9 MB) http://www.freebourn.com/	1	🟡
<input type="checkbox"/>	7. Scoregol, Incorporated http://www.freebourn.com/		
<input type="checkbox"/>	8. the Signal - Firefly & Seren http://signal.serenityfirefly.com/		
<input type="checkbox"/>	10. Channel Chaos http://www.channelchaos.com/		
<input checked="" type="checkbox"/>	9. the Signal - Firefly & Seren http://signal.serenityfirefly.com/		

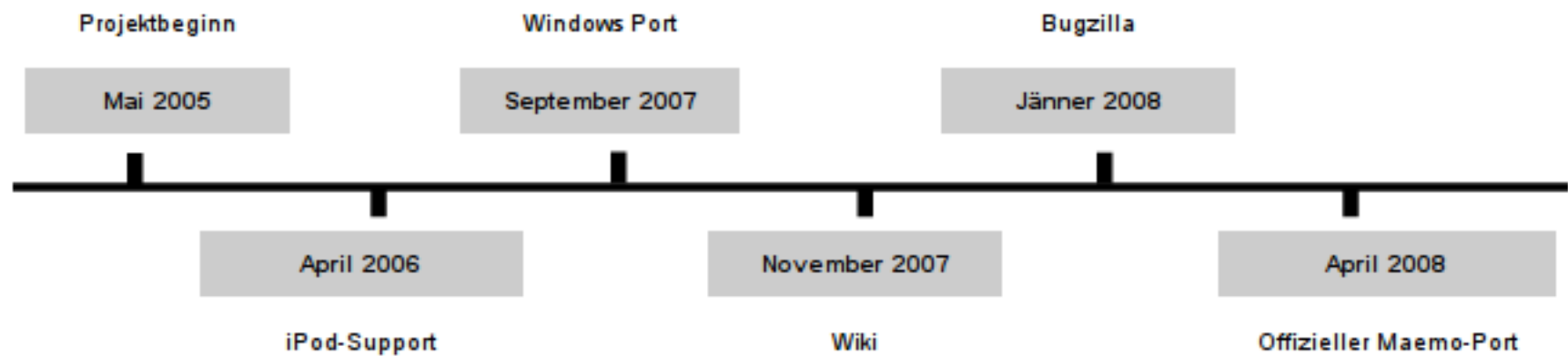
MP3 Informative

Naam	Waarde	Beschrijving
Album	TWIT January 2007	Read album/movie/show title
Artist	Leo Laporte and the TWIT's	Read artist, store as text content
Comments	http://twit.tv/02	Read comments, store language as type, descriptor
Genre	Podcast	Read genre (type of music like "Soul", "Rock", etc.)
Title	TWIT 82: The Year In Review	Read song title, store as text content
Year	2007	Get year of recording, store as text content

Hosts: [Leo Laporte](#), [John C. Shook](#), [Will Hertz](#), [Andy Ihnatko](#), and [Michael Aronson](#)

gPodder





Was bisher geschah...

Was bisher geschah... (1/2)

- Mai 2005: “gPodder” in **Java** mit GTK

- Juni 2005:  **python**TM

- April 2006:



- Jänner 2007:



Was bisher geschah... (2/2)

- September 2007:



- Jänner 2008:



- April 2008:





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[Versión original]: tira.escomposlinux.org



[English version]: comic.escomposlinux.org

Installation und Benutzung

Wie installieren?

```
apt-get install gpodder
```

```
emerge media-sound/gpodder
```

```
yum install gpodder
```

```
pkg_add -r gpodder
```

<http://gpodder.org/downloads>



Live-Demo



Herausforderungen

Upstream (gPodder)



DER
FLUSS

Im **OpenSource**-Bereich wird, beispielsweise in **Bugtrackern** der **Linux-Distributionen**, das Originalprojekt bzw. die Originalautoren als „Upstream“ bezeichnet. Wenn beispielsweise das **Gentoo**-Projekt einen nicht distributionsspezifischen Fehler in einem **GNOME-Paket** findet, wird der Fehler oftmals zunächst an Upstream, in diesem Fall das GNOME-Projekt, weitergeleitet. (wp)

Distributionen (zB Debian)

Herausforderungen

- RSS-Feeds: Falsche und fehlerhaft
- Performance (laaangsam...)
- Distributions-Pakete sind oft veraltet
- iPod Touch, MTP-Geräte
- Abhängigkeiten



gPodder auf Nokia Internet Tablets

...auf Nokia Internet Tablets

- Mai 2007 von Mika Leppinen (0.8)
- April 2008: Upstream-Support
- Selbe Codebase wie am Desktop
- Finger-Friendly; Performance
- Seit 14. Mai in “Maemo Extras”



Wie geht's weiter?

Wie geht's weiter?

- User Test: Ergebnisse am 25. Mai
- Jeden Monat ein neues Release
- Stabilität und Performance
- Version 1.0 geplant im August 2008
- <http://wiki.gpodder.org/roadmap>



Mitmachen bei gPodder

Mitmachen bei gPodder

- Übersetzungen
- Fehler melden!



- Code schreiben
- Dokumentation (Benutzerhandbuch)
- Grafisches Design (Tango Icons)
- Blog-Post oder Artikel schreiben



Danke.

Weitere Informationen:

<http://gpodder.org/>

<http://bugs.gpodder.org/>

<http://wiki.gpodder.org/>