

Open Source Software im Bereich AAL:

Einsatzmöglichkeiten und Rahmenbedingungen

Thomas Karopka, BioCon Valley GmbH

Projektmanager internationale Projekte eHealth

Chair EFMI LIFOSS WG

Chair IMIA OS WG

Member of the governing board AALOA



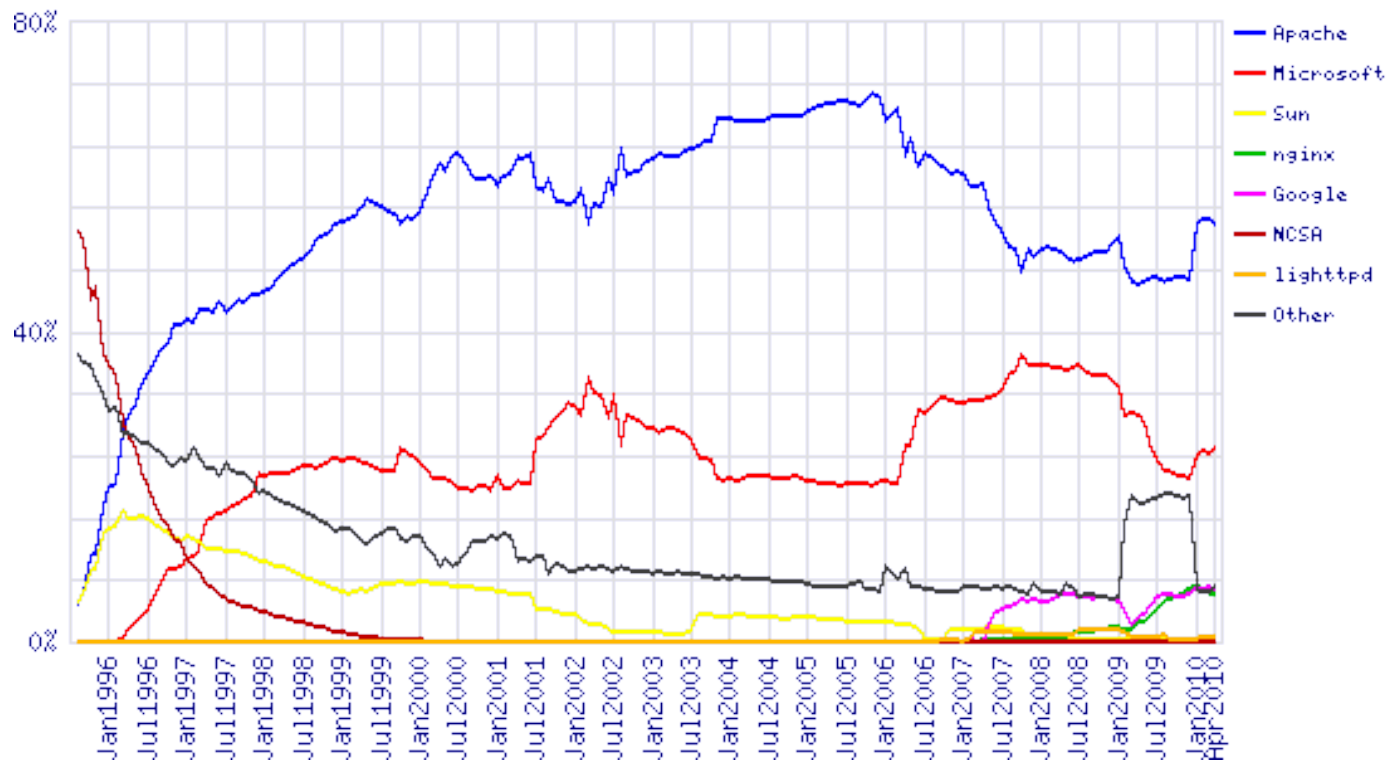
Open Source Software

- *Die Software (d. h. der Quelltext) liegt in einer für den Menschen lesbaren und verständlichen Form vor:*
- *Die Software darf beliebig kopiert, verbreitet und genutzt werden*
- *Die Software darf verändert und in der veränderten Form weitergegeben werden*

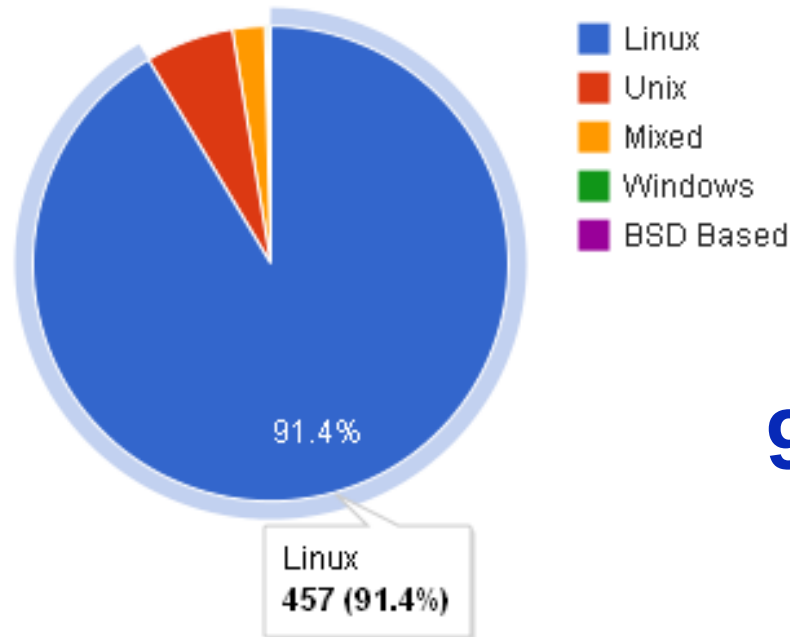
Erfolgsfaktoren beim Einsatz von FLOSS

- Business model
- Community
- Governance
- Modularität
- Flexibilität
- Dokumentation
- Training

Apache Web Server 54% Marktanteil



Top500 Supercomputers



91,4% Linux

Click a row in the table below to drill down.

Operating system Family	Count	System Share (%)	Rmax (GFlops)	Rpeak (GFlops)	Cores
Linux	457	91.4	67948572.88	99934920.09	7891419
Unix	30	6	2916466.8	3804295.05	175792
Mixed	11	2.2	2901594	3524197.6	1093632
Windows	1	0.2	180600	233472	30720
BSD Based	1	0.2	122400	131072	1280

Consumer Electronics



CE Linux Forum



Search Embedded Linux wiki

Welcome to CE Linux Forum

CE Linux Forum is an international open source software community established in 2003. It is a forum of like-minded software engineers focused on the development and enhancement of Linux-based embedded systems. The forum is an irreplaceable resource of shared knowledge. These engineers bring their finest skills to such missions as decreasing system size, reducing power consumption, and improving compatibility with various hardware architectures. The forum is also developing middleware.

Special Announcement: Merger with The Linux Foundation

The CE Linux forum is pleased to announce its merger with The Linux Foundation. Please refer to the [press release by the Linux Foundation](#)

yocto . PROJECT

About

Blogs

Community

Documentation

Download

ABOUT THE YOCTO PROJECT

It's not an embedded Linux distribution – it creates a custom one for you.

The Yocto Project™ is an open source collaboration project that provides templates, tools and methods to help you create custom Linux-based systems for embedded products regardless of the hardware architecture.



[Conferences](#)

- [ELC 2010 \(U.S.\)](#)
- [ELC-Europe 2010](#)
- [Japan Jamboree](#)

Android

ANDROID

Discover Android

Get Apps

Develop Apps



Introducing Android 4.0, Ice Cream Sandwich

Android 4.0 brings an entirely new look and feel. The lock screen, widgets, notifications, multi-tasking and everything in between has been rethought and refined to make Android simple, beautiful, and beyond smart.

[Explore what's new >](#)

National Health Information Network US



Community Portal

DOWNLOAD CONNECT

Log In

Enter Search Topic...

GO

Home

About

Adopters

Partners

Product

Developer Resources

Communities

Blog

WHAT IS CONNECT?

CONNECT is an open source software and community that promotes IT interoperability in the U.S. healthcare system.

CONNECT enables secure electronic health data exchange among healthcare providers, insurers, government agencies and consumer services.

[Read more »](#)



**UC BERKELEY
DEC. 15-16**

REGISTER



CONNECT

Nationwide Health Information Network

Participate

YOUR ONRAMP TO THE NATIONWIDE HEALTH INFORMATION NETWORK!

Latest Developments: [CONNECT Code-A-Thon at UC Berkeley Dec 15-16](#)

Email

Organization

Get Project Updates

Headlines

SEP 06

CONNECT Issues Latest Iteration of Open Source HIE Software
Government Health IT

CONNECT is now on Twitter! Follow

Events

DEC 15-16

CONNECT Code-A-Thon, Hosted by UC Berkeley, Travels to West Coast
[Register »](#)

FEB

HIMSS12 Annual Conference in

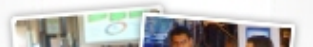
Get Involved!

Participate in the CONNECT community.

CONNECT Blog

Read the Blog >>>>>>>

CONNECT Spotlight



Fragmentation

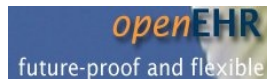


LIFOSS

EFMI WG LIFOSS Libre/free and open source software in health informatics

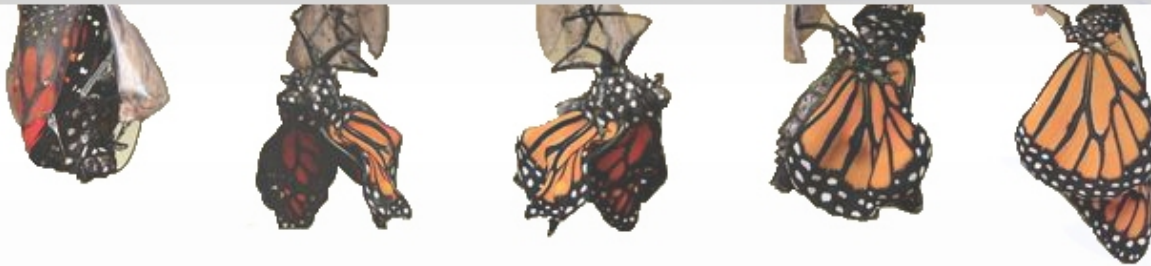


Working Groups
Open Source (OS-WG)



Governance – www.aalooa.org

AAL OPEN ASSOCIATION - AALOA



MAIN MENU

- [Home](#)
- [Association](#)
- [Manifesto](#)
- [Vision](#)
- [Scenarios](#)
- [List of projects](#)
- [List of supporters](#)
- [List of promoters](#)
- [Mailing Lists](#)
- [Documents](#)

What is AALOA?

The AAL Open Association is promoted by the partners of the European Integrated Projects [PERSONA](#) and [universAAL](#) and the discussion about its organization is currently coordinated by [CNR-ISTI](#) (Italy), [Fraunhofer-IGD](#) (Germany), [ITACA-UPV](#) (Spain), and [SINTEF](#) (Norway).

The [AALOA Manifesto](#) defines the rationale and the purposes of the association. Today, the Manifesto is a dissemination effort of the EU projects [MonAmI](#), [OASIS](#), [OsAmI-commons](#), [PERSONA](#), [SOPRANO](#), [universAAL](#) and [WASP](#).

What can YOU do for AALOA? - [Subscribe the Manifesto!](#)

You can subscribe the Manifesto just joining to one of the two groups of people: [promoters](#) and [supporters](#).

Lecce Declaration – aalforum.eu



Lecce Declaration

Created by Saied Tazari [Send Message](#) [View Groups](#)

INFORMATION



AMB11 invites you to contribute to the Lecce Declaration with key measures as recommendation to EIP-AHA.

Members: 37

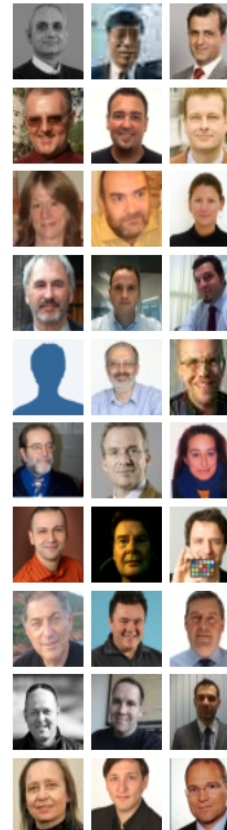
Latest Activity: Jan 9

[Share](#) [Twitter](#) [Facebook](#)

[Send Message to Group](#)

[Leave Group](#)

MEMBERS (37)



[Follow New Members](#)

DOWNLOAD THE DECLARATION

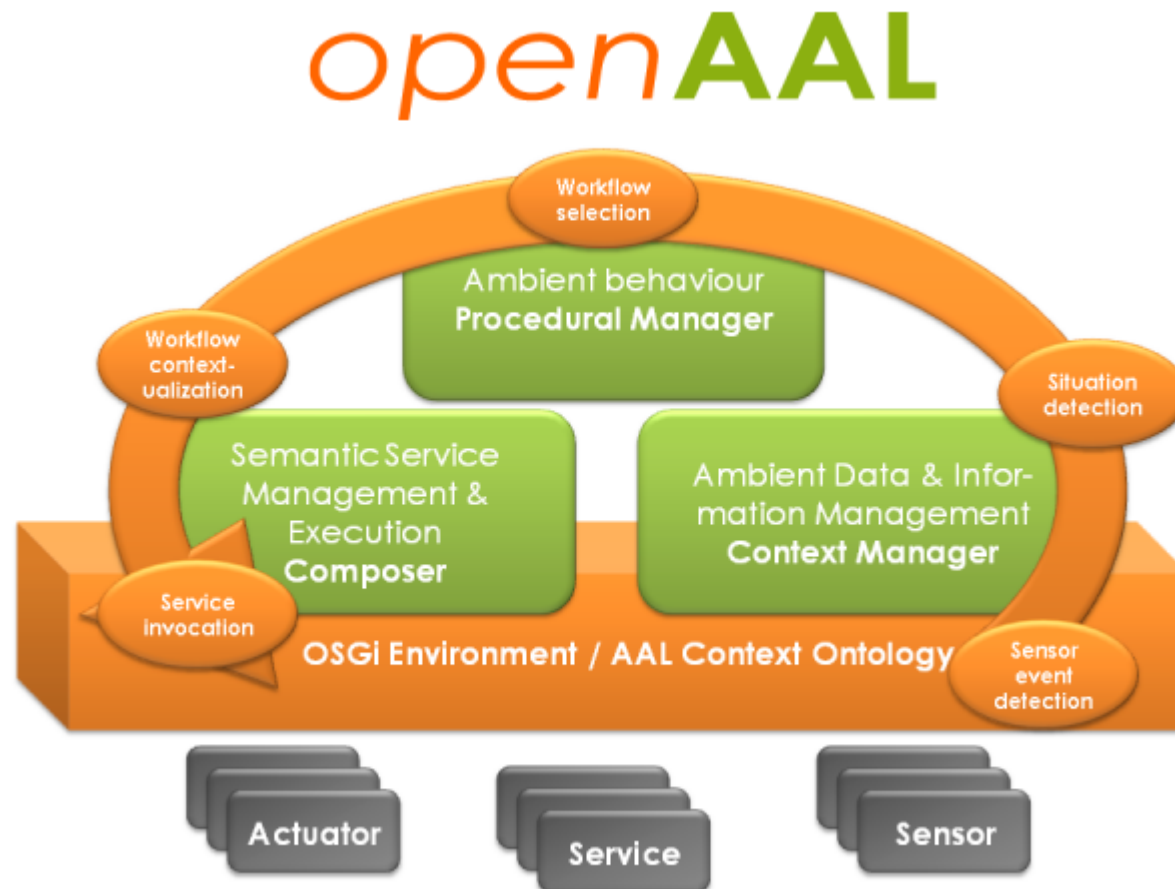
[The final version of the Lecce Declaration](#)

[History prior to the creation of this group](#)

The workshop support for companies with AAL solutions to achieve market breakthrough (AMB11) decided to further consolidate the ideas discussed in the workshop in an open forum towards a declaration signed by a significant part of the AAL community. The declaration should propose a set of key measures for market breakthrough of AAL. Finally, it should be sent as community input to the high-level steering group that prepares for a pilot EIP on AHA that is supposed to improve the framework conditions for uptake of innovation, seek to leverage financing and investments in innovation, and improve coordination and coherence between funding for research and innovation in order to facilitate the innovation chain and reduce the time to market for innovative solutions.

AMB11 delegated the organization of the open forum to the AAL Open Association (AALOA). The governing board of AALOA created a Declaration Organizing Committee (DOC - consisting of Antonio Kung, Francesco Furfari & Saied Tazari) that worked on a draft of such a declaration (acknowledgement: inspired by The MonAMI Declaration) and communicated it to the open list of AALOA Supporters with currently 115 members from all over the world. By 18-Jul-2011, the DOC informed that list that the discussion has been transferred to this group at AAL Forum.

Offene Plattformen für AAL – openAAL



Offene Plattformen für AAL - universAAL



UNIVERSal open platform and reference Specification for Ambient Assisted Living

Developer Depot

Free resources and code samples to develop innovative AAL Services



uStore

A global marketplace for vendors and a one-stop-shop for buyers of AAL services



AAL Showroom

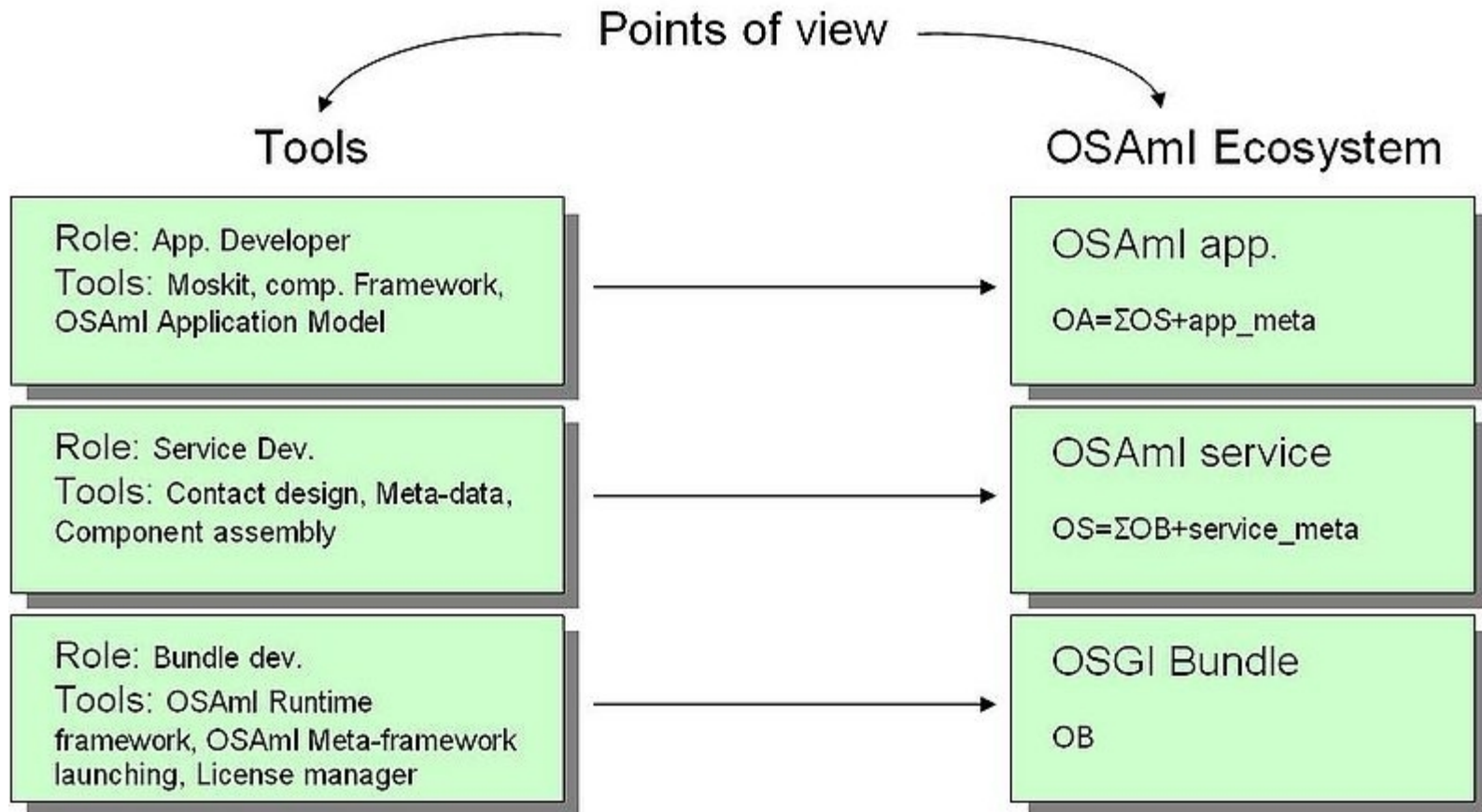
Discover what our platform can do for you and your business



*One way to build them all,
One way to bind them,
One store to save them all,
And help the users find them*

Offene Plattformen für AAL - OSAmI

Tools – Methodology



Andago – Open Health Assistant



Fazit

- **Dissemination:** FLOSS eignet sich hervorragend um eine Technologie die neu ist zu etablieren (geringer TCO)
- **Evolution:** FLOSS eignet sich hervorragend für komplexe Aufgaben, kann aufgrund des offenen Quellcodes sehr gut angepasst werden und ist dadurch sehr flexibel
- **Standardisierung:** *FLOSS eignet sich hervorragend um einen Standard zu etablieren*

(S)warm up!

Danke für Ihre
Aufmerksamkeit!

