



The European Open Source Market Place

*Yes we are
open!*



20 April 2016
Cedric Thomas



AppHub has received funding from the European Union
Horizon 2020 Research and innovation programme



Overview

What AppHub is about

The AppHub project at a glance



- ▶ Collaborative and Support Action
 - ▶ H2020
- ▶ Partners:
 - ▶ Fraunhofer FOKUS (Research organisation, Coordinator)
 - ▶ OW2 (Open Source Community)
 - ▶ UshareSoft (Technology and Service Vendor)
- ▶ Jan. 2015 – Dec. 2016

www.apphub.eu.com



0> The freedom to **run** the software
for any purpose

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2> The freedom to **redistribute** copies of the software

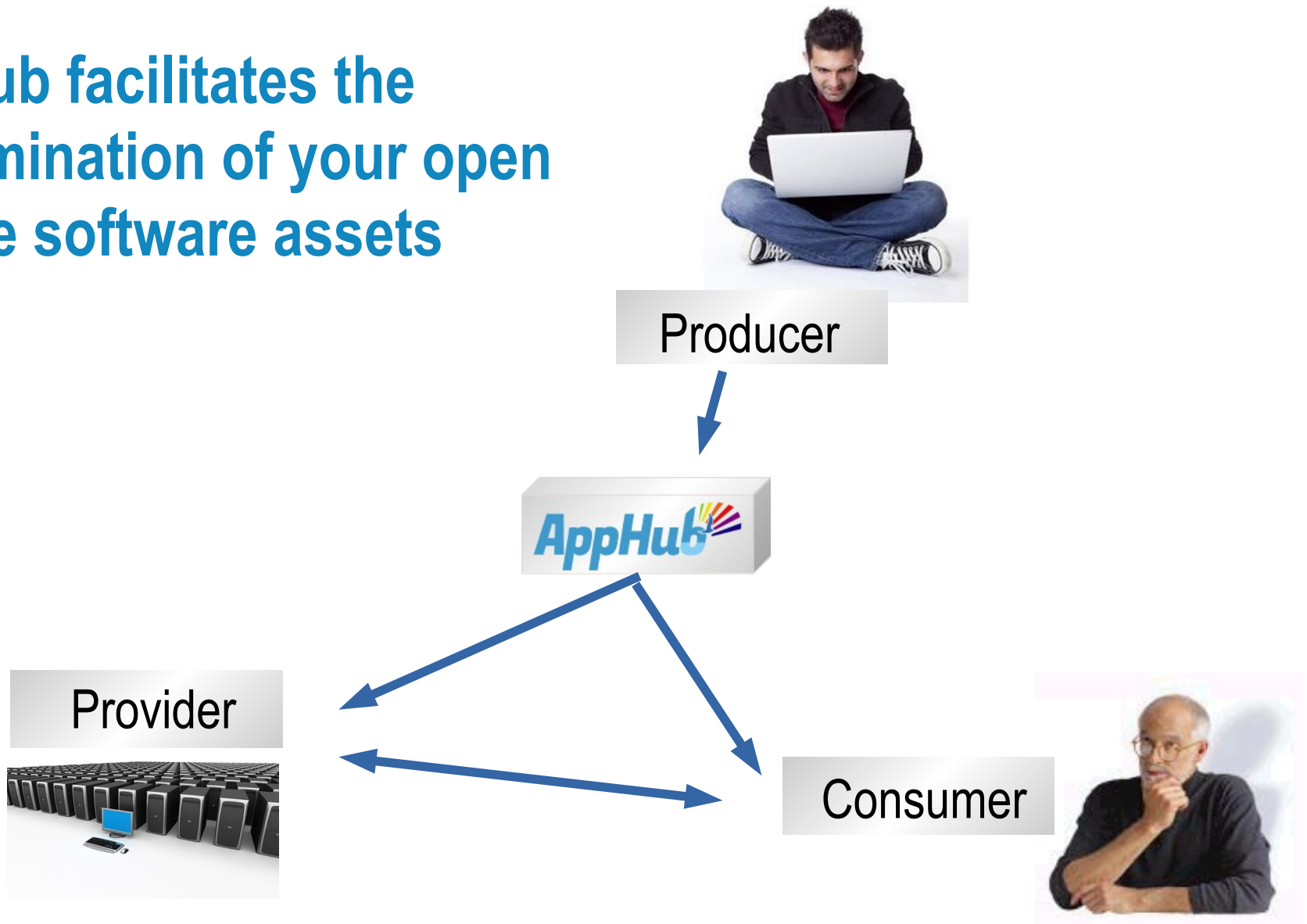
3> The freedom to **improve** the software and distribute your improvements to the public

AppHub's mission

- ▶ AppHub addresses the **delivery challenge** of EU-supported OSS
- ▶ Bridging OSS SMEs and Collaborative projects with the mainstream **market**



AppHub facilitates the dissemination of your open source software assets



Producer
Developer of open source
software



Describe and
classify

AppHub.Directory

Open interoperability framework:
Taxonomy for open source assets



Producer
Developer of open source
software



Describe and
classify

AppHub.Directory

Open interoperability framework:
Taxonomy for open source assets



Upload or
link

AppHub.Factory

Packaging
versioning
publishing



Provider

IaaS Cloud Provider



Producer
Developer of open source
software



Describe and
classify



Upload or
link

AppHub.Directory

Open interoperability framework:
Taxonomy for open source assets

AppHub.Factory

Packaging
versioning
publishing

AppHub.Store

Market Place



Browse,
compare
and select



Deploy

Consumer
User and Integrators
of open open source software



Provider

IaaS Cloud Provider



Preview

Now let's see what it looks like

Creating an Asset



- ▶ <https://github.com/llbit/ow2-asm>
- ▶ ObjectWeb ASM - bytecode verifier and utilities
- ▶ <http://asm.ow2.org/index.html>



Search in Projects 🔍

Directory Home page

Open Source Assets

Add Open Source Asset

Projects

Framework ▾

More ▾



🏠 / Projects

📘 What are Projects?

Projects act like publishing departments for Open Source Assets. This means that Open Source Assets can be published by and belong to a project instead of an individual user.

➕ Add Project

Search projects... 🔍

55 projects found

Order by: Name Ascending ⬆️⬆️



Building the PaaS Cloud of the Future

The 4CaaSt project aims to create a PaaS Cloud platform which supports the...

1 Open Source Asset



Aeolus

The main objective of the Aeolus project is to tackle the scientific problems...

0 Open Source Assets



alextest

test

0 Open Source Assets



Advanced software-



Apache Syncope

Apache Syncope is an Open Source system for managing

Create a Project

[Open Source Assets](#)[Add Open Source Asset](#)[Projects](#)[Framework](#) ▼[More](#) ▼[Home](#) / [Projects](#) / [MyAppHubDemo](#) / **Admin**

MyAppHubDemo

A comprehensive demo of the AppHub Market Place [read more](#)

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Title: MyAppHubDemo

URL: directory.apphub.eu.com/organization/myapphubdemo [Edit](#)

Description: A comprehensive demo of the AppHub Market Place

You can use [Markdown formatting](#) here

Image URL: v.apphub.eu.com/bin/download/ColorThemes/DefaultColorTheme/logo_tagline.png

Acronym:

Web Page: <http://example.com>

Beginning Date: 2012-01-01

End Date: 2012-01-05

Contact Person:

Contact Email:


asm.ow2.org/index.html

OW2 Consortium

Leading Open Source Middleware

Consortium Activities Projects Forge Events

ASM



ASM is an all purpose Java bytecode manipulation and analysis framework. It can be used to modify existing classes or dynamically generate classes, directly in binary form. Provided common transformations and analysis algorithms allow to easily assemble custom complex transformations and code analysis tools.


ASM offer similar functionality as other bytecode frameworks, but it is focused on simplicity of use and performance. Because it was designed and implemented to be as small and as fast as possible, it makes it very attractive for using in dynamic systems*.

(*) ASM can of course be used in a static way too.

"ASM: a code manipulation tool to implement adaptable systems", E. Bruneton, R. Lenglet and T. Coupaye, Adaptable and extensible component systems, November 2002, Grenoble, France. Also available in french.

"Using ASM framework to implement common bytecode transformation patterns", E. Kuleshov, AOSD.07, March 2007, Vancouver, Canada.

ASM is already used in many Java products. Please let us know if your project is using ASM. You can also add the "Powered by ASM" button below to your project page.



ASMDEX

- Home
- Download
- Eclipse plugin
- User Guide
- Mailing Lists
- License
- History

Developers' Corner

- ObjectWeb Forge Site
- SVN Repository
- Issue Tracker
- Developer Guide

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directory.apphub.eu.com/dataset/new?group=697ed9f7-dd49-4682-8035-6923c2a4b907

AppHub DIRECTORY

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Home / Open Source Assets / **Create Open Source Asset**

1 Create Open Source Asset

2 Add data

Add an Asset

Title: ASMdemo

URL: directory.apphub.eu.com/dataset/asmdemo Edit

Description: ASM is an all purpose Java bytecode manipulation and analysis framework. It can be used to modify existing classes or dynamically generate classes, directly in binary form. Provided common transformations and analysis algorithms allow to easily assemble custom complex transformations and code analysis tools.

You can use Markdown formatting [here](#)

Tags:

Type of Asset:

Software License: License definitions and additional information can be found at opendefinition.org

Project:

Visibility:

Important: By submitting content, you agree to release your contributions under the Open Database License.

Cancel **Next: Add Data**



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What's a resource?

A resource can be any file or link to a file containing useful data.

1 Create Open Source

2 Add data

3 Additional data

Link to a file Link to an API

Resource:

Name:

Description:

You can use [Markdown formatting](#) here

Format:

This is generated automatically. You can edit if you wish

Previous

Save & add another

Finish

Next: Additional Info



The Asset is Created

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ASMdemo

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📄 Project



MyAppHubDemo

A comprehensive demo of the AppHub Market Place read more

🔒 License

👤 Open Source Asset

🕒 Activity Stream

👁 Deploy

🔧 Edit

🔒 PRIVATE

ASMdemo

ASM is an all purpose Java bytecode manipulation and analysis framework. It can be used to modify existing classes or dynamically generate classes, directly in binary form. Provided common transformations and analysis algorithms allow to easily assemble custom complex transformations and code analysis tools.

Information

Author	E. Bruneton
Type of Asset	Software
Apphub Deployable	True
State	active

👤 Google +1 🐦 Tweet 📘 Facebook

Tags





Appliance Library

Software Library

create

My Software Imported Software

Software (1)

Sort by: Name    filter 

ASM software
v5.0 r17 175 KB
Jun 29, 2015

The Asset is Imported
in the Factory



Create an appliance

Name

Version

Org

Distribution

OS Release

OS Architecture

cancel

create

Preparing the
Appliance Template

ASMpjtTemplate v0.0 r6

Selecting Cloud Platforms

Overview Stack Updates Machine Images Summary



Cloud Virtual Physical



Abiquo



Amazon EC2



Microsoft Azure



CloudStack



Eucalyptus



Flexiant



Google Compute Engine



Nimbula



OpenStack



SUSE Cloud



VMware vCloud Director

ASM appliance template 5.0 r23



Overview

Stack

Updates

Machine Images

Summary

Generating the Template

cancel

generate




Generate a Machine Image for OpenStack

Name ASM appliance template

Version 5.0 r23

☐ compress this image after generation?

 To download this image you will have to compress it, however when publishing to a cloud platform this will take longer.

Configuration

Maximum Disk Size (MB)

12288

ASM appliance template 5.0 r23



AppHub checks
the Template

Overview

Stack

Updates

Machine Images

Summary

Generated machine images



ASM appliance template (5.0 r23)

Waiting in Queue (0 %)



ASM appliance template (5.0 r23)



Published machine images

You have not published any
machine images

Appliances (1)

Sort by: Name

sort



filter



Appliance Template
Ready



ASM appliance te...
v5.0 r23 594 MB
Jun 29, 2015



New Product



Upload the artifact for this product item

The artifact can be a compressed archive (.tar, .tar.gz, .zip); or add-on file (e.g. .jar, .rpm etc)

 ASM-template.tgz



envoyer +



Now on the Store



Add-On Factory Template Image Template *recherche* 🔍

[View All >](#)



SpagoBI
Spago

☆☆☆☆☆ (0)



CloudScale
CloudScale

☆☆☆☆☆ (0)



Here it is Ready on
the Store

Free

Free

Latest

[View All >](#)



ASM Cloud Ready Edit...

☆☆☆☆☆ (0)

5.0

Free



SpagoBI

☆☆☆☆☆ (0)

5.1.0

Free



CloudScale

☆☆☆☆☆ (0)

1.0

Free



ModaClouds

☆☆☆☆☆ (0)

1.0

Free



Seac

☆☆☆☆☆ (0)

1.0

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ASM Cloud Ready Edition 5.0 par [ASM community](#)

Released 29 juin 2015

Factory Template, Deployable Asset

OW2 Project

Download it for free 

☆☆☆☆☆ (0)

↓ 0

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Overview

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Release

Java bytecode manipulation

ASM is an all purpose Java bytecode manipulation and analysis framework. It can be used to modify existing classes or dynamically generate classes, directly in binary form. Provided common transformations and analysis algorithms allow to easily assemble custom complex transformations and code analysis tools.

Product Resources

[ASM on AppHub Directory](#)

The Project Page



ASM Cloud Ready Edition 5.0 par [ASM community](#)

Released 29 juin 2015

Factory Template, Deployable Asset

OW2 Project

[Download it for free](#) 

☆☆☆☆☆ (0)
↓ 0

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And Yes, it's Free!

Open source

Free

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