

Learning Layers: HANDI Workshop

Bradford

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Who are Tribal?

- Tribal is an education support services company that has provided market-leading learning and development solutions for over 20 years.
- We offer a unique combination of technology, service delivery and advisory solutions.
- We work with some of the world's largest organisations across five continents.
- Our services include producing world-leading software, supporting adult learning and careers development and delivering school inspections and improvement service

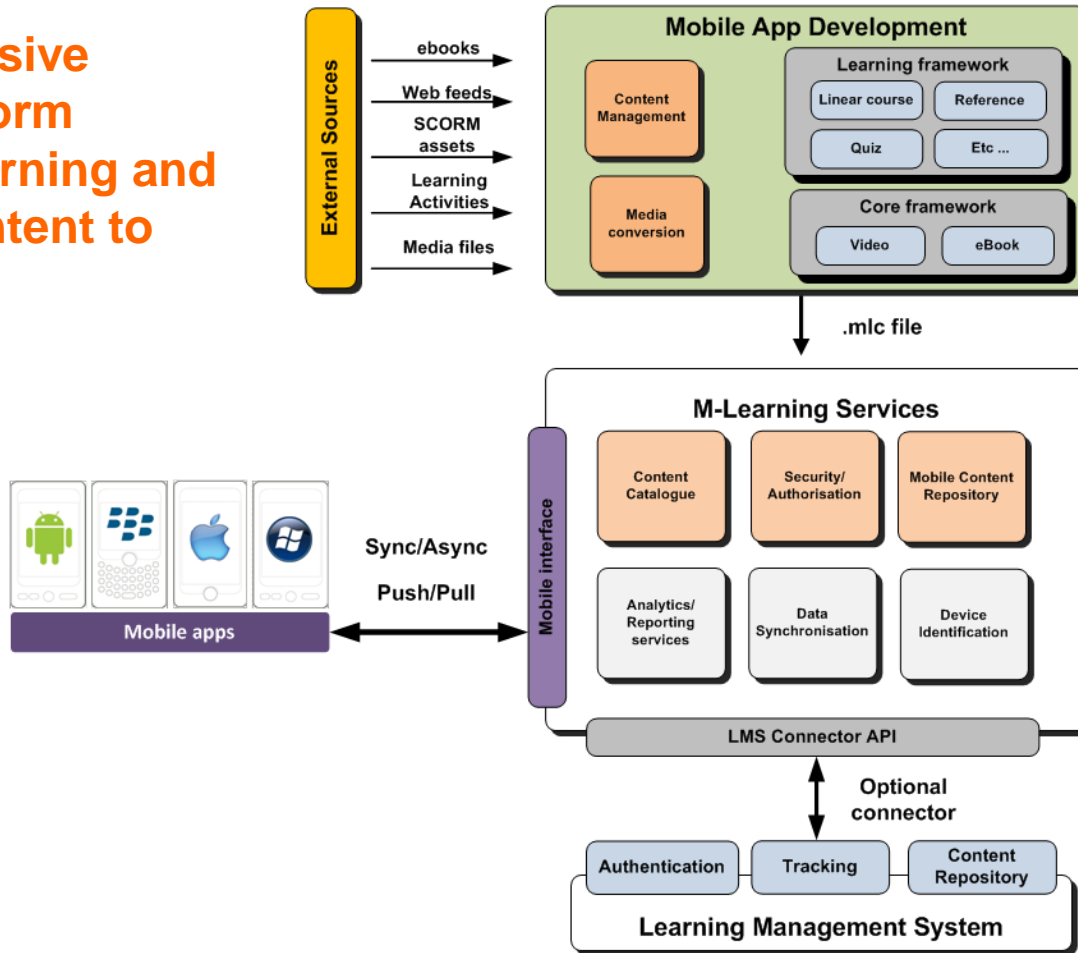
- For more information see:
- <http://www.tribalgroup.com>
- <http://www.triballabs.net>

In the beginning - The GlobalMedAid Project

- GlobalMedAid was developed (2 year R&D) in collaboration with more than 20 partners as an application to assist personnel who respond to disasters such as earthquakes, Tsunami, or other humanitarian relief situations.
- Provide a platform for distributing “Learning Content” and the ability to report against it’s usage and suitability.
- The app is designed to be a performance support tool, for timely use, and also contains learning content.
- The app can be used in both online and offline situations reducing the dependency on requiring a 3G or WiFi connection.
- Helps people to do their work in difficult circumstances.
- From this project the “Mobile Learning Environment” (MoLE) was born.
 - <http://www.mole-project.net>

Specialising in m-learning

A comprehensive “cloud” platform delivering learning and reference content to mobile users.



OMLET – The Open Source m-learning Platform

Construct your own learning platform extending our existing and proven architecture. Freely available via published open source library.

Extensive documentation:
<http://omlet.m-learning.net/docs>

Source code (GitHub):
<https://github.com/tribal-mlearning>
(Online Catalogue, iOS and Android Apps)

The screenshot shows the OMLET website with a navigation bar containing 'OMLET', 'Architecture', 'Mobile platform', and 'Web platform'. The main content area is titled 'What's OMLET?' and includes the following text:

Welcome to OMLET, the Open Mobile Learning Toolkit.

OMLET solves many of the technical challenges that make mobile learning hard, allowing you to focus on the content, the learners, the learning design (rather than the messy details that stop your content working cross platform, or on/off line)

OMLET consists of 3 separate components:

- 1: Online Catalogue (Web platform): allows uploading, downloading and sharing of mobile content, exposing web services to allow smoother access from the mobile apps, as well as reporting on progress and usage (if required). Also supports integration with tradition e-learning platforms, or any other reporting and/or authentication services
- 2: Mobile Apps (Mobile platform): apps for both IOS and Android that support content download and playback, as well as managing login and activity tracking in-app. The apps works happily both on- and off-line
- 3: Content API and guidelines: OMLET supports any browser based content (using WebKit) as well as other natively supported formats (like ePub). You are free to build any type of tool, or content you chose as a stand alone package, but also have access to additional APIs that expose access to native services within the app, like data storage, camera, gps, tracking, user authentication etc.

Originally co-funded by TribalLabs and TATRC, it is already used by several large-scale commercial roll outs (including the US Government), and is being shared with the open source community to encourage wider adoption and a solid foundation for future research and development.

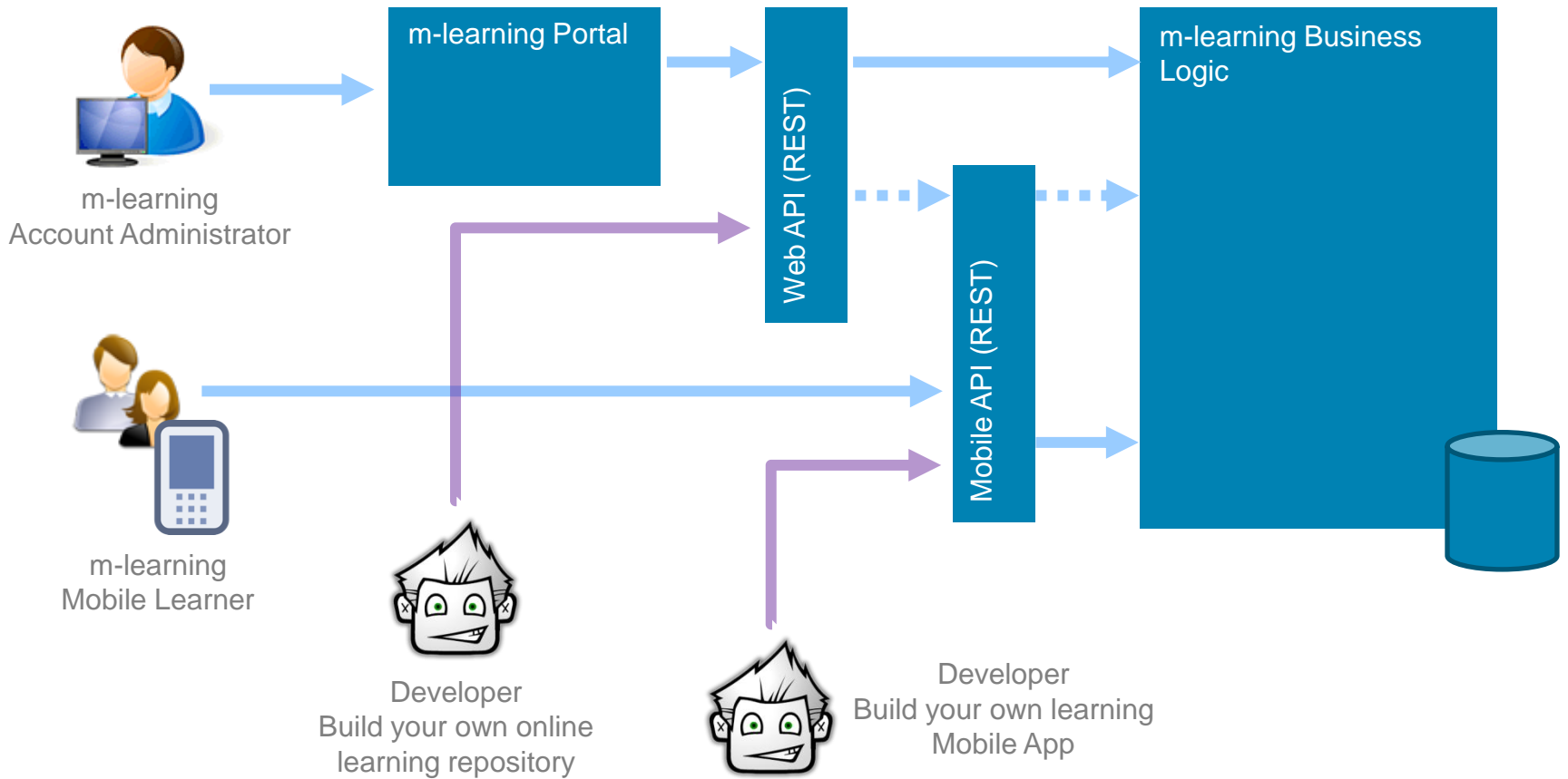
Get the latest source code now »

Architecture
 The Open Mobile Learning Toolkit is divided in two sub-platforms: Mobile and Web
 View details »

Mobile platform
 The Open Mobile Learning Toolkit contains a set of source code and standards to develop a native mobile application and content packages fully compatibles with Mobile Application Infrastructure for Content Development Web platform.
 View details »

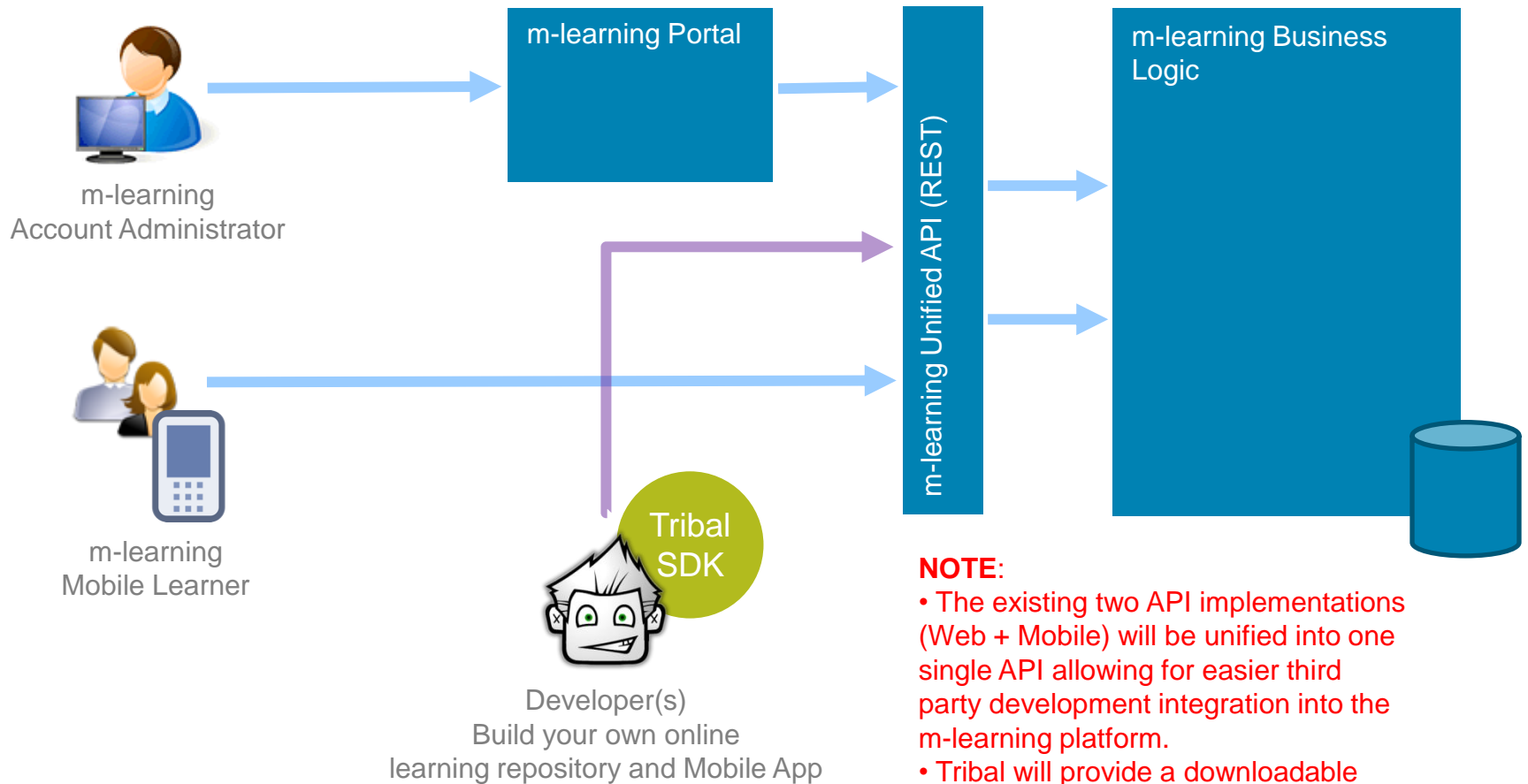
Web platform
 The Open Mobile Learning Toolkit contains a set of source code and standards to develop a PHP web application / services fully compatibles with Mobile Application Infrastructure for Content Development Mobile platform.
 View details »

The Open API Concept – Today



Further Information: <http://omlet.m-learning.net/docs/#/web/services-overview>

The Open API Concept – Future Direction



NOTE:

- The existing two API implementations (Web + Mobile) will be unified into one single API allowing for easier third party development integration into the m-learning platform.
- Tribal will provide a downloadable SDK to improve third party m-learning development process.