ALLSEEN ALLIANCE

Technical Steering Meeting

May 19, 2015

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Reminder:

This call is being recorded

1. Approve minutes from previous meeting
2. AllSeen Summit Update: Call for Volunteers
3. 3rd party request
   - Request to use external SCons modules in core/alljoyn-js
4. Location Services update

AllSeen Summit Update:

Call for Volunteers

AllSeen Summit Update: Call for Volunteers

Dates

- October 19-21, 2015

Location

- Seattle, Washington, USA
- Seattle Sheraton (http://www.sheratonseattle.com/)

Program Committee: Volunteers Needed!

- Summit program committee to include representation from Marketing, TSC, Board
  - Help shape the final agenda. **Ensure TSC needs are met!**
  - Activities primarily over email, with potential for weekly update calls
  - **Please contact** events@allseenalliance.org to be added to the committee
  - Need to finalize initial committee by **Friday, May 22**

3rd party request

Request to use external SCons modules in core/alljoyn-js

- Answers to required questions posted to TSC mail list on 04/28/15
  - Details at the end of this presentation linked here
- Main questions:
  - What is the project? Where is the code?
    - SCons module to download files from URLs:
      - https://github.com/flashpixx/Storage/blob/master/Scons/site_scons/site_tools/URLDownload.py
    - SCons module to extract files from archives:
      - https://github.com/flashpixx/Storage/blob/master/Scons/site_scons/site_tools/Unpack.py
  - What license is the software under?
    - Both of the SCons modules are dual licensed under GPL3+ and 3-clause BSD. We would take the code under the terms of the BSD license.
  - What does the software do?
    - These SCons modules add the ability to download and extract files from archives located at a specified URL. SCons does not natively have this capability.
- Call for vote.

Location Service Update

Brad Kemp

Overview Location Services

- 4 related services – Presence, Proximity, Location and Containment
- Containment deferred to a subsequent release
- 4 active participants (Beechwoods, Politecnico di Milano, Sony Mobile, MIT)
- Presence service submitted to the IRB.
- Weekly meetings open to all

Current Progress

- Design Document in progress
  - Design deferred for Containment
- Markdown Text in progress for Proximity and location
  - Markdown Text deferred for Containment.
- Interface guide complete for presence. Proximity and Location services in progress

Progress

	Presence	Proximity	Location	Containment
Markdown Text	5/5	5/19	5/19	deferred
Extended Introspection XML	Complete	Complete	Complete	deferred
Submit to IRB	5/7	5/19	5/1p	-
Code Complete	10/15	10/15	10/15	-
Release	12/15	12/15	12/5	-

Source: This is where source information goes

Thank You

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- For more information on AllSeen Alliance, visit us at: allseenalliance.org & allseenalliance.org/news/blogs

Backup Data

Request to use external SCons modules in core/alljoyn-js

Request to use external SCons modules in core/alljoyn-js

- 4.1 What is the project? Where is the code?
  - SCons module to download files from URLs: https://github.com/flashpixx/Storage/blob/master/Scons/site_scons/site_tools/URLDownload.py
  - SCons module to extract files from archives: https://github.com/flashpixx/Storage/blob/master/Scons/site_scons/site_tools/Unpack.py
- 4.2 What license is the software under?
  - Both of the SCons modules are dual licensed under GPL3+ and 3-clause BSD. We would take the code under the terms of the BSD license.
- 4.3 What does the software do?
  - These SCons modules add the ability to download and extract files from archives located at a specified URL. SCons does not natively have this capability
- 4.3.1 What is its primary functionality?
  - Download files from URLs and extract files from archives.

Request to use external SCons modules in core/alljoyn-js

- 4.3.2 What problem are you trying to solve?
  - The AllJoyn-JS project currently depends on Duktape. Duktape does not build into an independent library. Right now, the correct version Duktape must be manually downloaded from that project's web site and extracted into a folder before builders of AllJoyn-JS can build AllJoyn-JS. They must also point the AllJoyn-JS build system to the extracted Duktape source.
  - This process is particularly problematic for automated build systems like OpenWrt. OpenWrt does not have good facilities for composing a single buildable source tree from multiple source tarballs. The current package definition for AllJoyn-JS (which is still in a development stage) currently generates package for OpenWrt that depends on another package that cannot exist because that other package has nothing to install. This requires users trying to install the AllJoyn-JS on OpenWrt systems, such as the Arduino Yun, to provide an option to the installer that disables dependency checking.

Request to use external SCons modules in core/alljoyn-js

- 4.3.3 Why is this the right software to solve it?
  - They do the job we need them to do and using existing code means we don't have to "re-invent the wheel".
  - These 2 modules, when combined, will allow for SCons to download the correct version of Duktape automatically, extract the source to build from the downloaded source tarball and build it. This has the following benefits:
    - Those building AllJoyn-JS will not have to manually download the Duktape source tarball, unpack it, and point the AllJoyn-JS SCons system at their extracted copy of Duktape.
    - This will greatly reduce the chance of someone building AllJoyn-JS with a version of Duktape that has not been tested with that particular version of AllJoyn-JS.
    - This will allow for building an AllJoyn-JS package for OpenWrt (e.g, Arduino Yun) that will not require overriding missing package dependencies when installing on and OpenWrt based system.

Request to use external SCons modules in core/alljoyn-js

- 4.4 Is the software going to be developer dependency or a project dependency?
  - 4.4.1 Will the AllSeen Alliance open source code have a direct dependency on the third-party code, or will it be included via an abstraction layer?
    - Due to the nature of the modules, the SCons file for AllJoyn-JS will have a direct dependency on these modules.
  - 4.4.2 If not an abstraction layer, which approach to inclusion is taken?
    - Again, due to the nature of these modules, the only option will be for option 4, a direct import into the core/alljoyn-js git repository. This capability is not part of the native SCons tools, nor would these files be installed by people into some standard system location. In fact, these modules are required to enable projects to use option 2, auto download at build.
- Click here to return to request for vote