



SA Forum Quarterly Newsletter Q1 2009

The Service Availability Forum™ is a consortium of industry-leading communications and computing companies working together to foster an ecosystem that enables the use of commercial off-the-shelf building blocks in the creation of high availability network infrastructure products, systems and services.

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President’s Message

A new year always brings a moment of reflection on the work we have done during the previous year. I want to take pause to recognize the significant steps that our organization has taken in 2008. The SA Forum unveiled several key high-availability and management-software interface specifications. Our new Release 6 includes a set of specifications that further enhances the interaction between hardware events and software entities. Release 6 introduced a new service called Platform Management (PLM) that bridges the SA Forum’s Hardware Platform Interface (HPI) and Application Interface Specification (AIS), enabling greater service availability, application portability and platform usability.

The enhanced specifications outlined in the Release 5.1 Java Mapping provide a mapping of the Application Interface Specification (AIS) services to the Java language. The specifications detail how SA Forum services can be integrated with application programming interfaces (APIs) standardized by the Java community.

The fact that we had yet another great year marking significant progress is evident by the high volume of outstanding contributions by the membership. In-keeping with our tradition, we are once again acknowledging members who had the opportunity to make outstanding contributions to the Forum, and the industry, in 2008. Please see the 2008 SA Forum Awards article below that highlights the many accomplishments of our member companies. Our prominence in the marketplace is a direct result of their hard work and innovation.

Just as important as reflection of our past works is the dedication to planning for the coming year. As we look forward to 2009, it is important to revisit our mission to:

Foster an ecosystem that enables the use of commercial off-the-shelf building blocks in the creation of high availability network infrastructure products, systems and services.

With this in mind, over the coming year our organization will further sharpen its focus on raising awareness of applications based on existing AIS implementations. Striving to enable faster application development in 2009 will serve to accelerate the acceptance and investment in a commercial off-the-shelf or COTS ecosystem by key players within our industry. Additionally we

will continue to enhance existing and create new specifications. The SA Forum's publication of high availability and management software interface specifications are the sturdy foundation on which we build this industry momentum.

Whether it is reflection or foresight, I am honored to be a part of the SA Forum, and am grateful for the opportunity to continue to serve as its president. This year promises to be another successful year for the forum, and I welcome your participation as we continue to work together to provide on-demand, uninterrupted service availability for end-users.

Regards,
Asif Naseem
SA Forum President
anaseem@goahead.com

2009 Officers

The following industry leaders will spearhead efforts on behalf of the SA Forum this year. Each brings a wealth of experience in the communications and computing space, and will serve spearhead the organization's quest to facilitate the creation of high availability network infrastructure products, systems and services.

- Asif Naseem, GoAhead Software, has been re-elected as president
- Peter Heffernan, Sun Microsystems follows Jean-Paul Lauranson, Sun Microsystems, as secretary / treasurer
- Ulrich Kleber, Nokia Siemens Networks, has been re-elected as technical chair
- John Fryer, Emerson Network Power, has been re-elected as marketing chair
- Alan Meyer, Hewlett-Packard, follows Bryan Harold, IBM, as compliance governing board chair

SA Forum Recognizes Key Contributors in 2008

As the leader in developing open specifications for carrier-grade service availability, The SA Forum dedicates time each year to commend a set of individuals with outstanding contribution to the Forum and the industry, and whose time and energy help us to continue our prominence in the marketplace.

The Service Availability Forum recognizes Fred Herrmann, Sun Microsystems, for his outstanding contributions and his dedication to making the SA Forum a success.

The Service Availability Forum recognizes Dave Penkler, HP, for his outstanding contributions and his dedication to making the SA Forum a success.

For outstanding contribution to the Hardware Platform Subgroup:

- Corey Minyard, MontaVista Software
- Gert Hoffmann, Nokia Siemens Networks
- Mark Overgaard, Pigeon Point Systems
- Serge Zhukov, Pigeon Point Systems
- Anton Pak, Pigeon Point Systems

For outstanding contribution to the Application Interface Specification Subgroup:

- Uli Horstmann, Nokia Siemens Networks
- Haiying Jiang, NTT
- Johan Bevemyr, Tail-f Systems

For outstanding contribution to the Technical Work Group:

- Adam Schmidt, Emerson Network Power
- Maria Toeroe, Ericsson
- David McKinley, GoAhead Software

The Service Availability Forum Application Webcast Series

This interactive Web cast will highlight the SA Forum specifications and reference architectures that support highly available applications. You will learn about illustrative, real world examples that will provide insight into existing implementations, and will also serve as a forum for feedback and questions from attendees on HA aware applications. The webcast topics will include:

- o What are high availability and service availability?
- o A business case for service availability
- o SA Forum motivation, mission and objectives
- o SA Forum architecture and specification overview
- o Middleware implementations

The webcast series will include presentations from middleware providers Enea, GoAhead Software and OpenSAF Foundation and will showcase successful SA Forum implementations.

Click [here](#) to be notified when the Application Seminar material is available for download.

Java Mapping 2.1

The Service Availability Forum™ Java Mapping enhanced specification provides a mapping of the Application Interface Specification (AIS) services to the Java language. Java applications will be able to leverage these services to support High Availability (HA) for all applications, including Operation Administration and Maintenance (OAM) applications. This mapping release allows implementations of SA Forum's Release 2 to provide Java interfaces compliant with the SA Forum's Application Interface Specification (AIS).

Release 2.1 provides mapping for the following AIS Services:

- Availability Management Framework – AMF.B.01.01
- Cluster Membership Service – CLM.B.01.01

The Release 2.1 specifications can be downloaded free of charge at www.saforum.org/specification.

Specification Update Mailing List

The SA Forum is launching a new mailing list to provide updated information on enhanced specifications. If you would like to be notified of enhancements and additions to the SA Forum's Hardware Platform Interface and Application Interface Specification when they happen, please e-mail update-info@saforum.org.

SA Forum White Paper – “The Service Availability Solution”

The SA Forum White Paper – “The Service Availability Solution” outlines how the Service Availability Solution is addressing the current challenges in our industry. In the last decade there has been a continued paradigm shift from a vertical to a horizontal industry model as equipment manufacturers must build a variety of systems, and ISVs must develop applications, that achieve the highest possible levels of availability and dependability while contending with ever-shorter development cycles, constant pressure to reduce development costs, and increase their velocity to market.

This paper explains the context and need for widespread adoption of a standard Service Availability interfaces, describes the Service Availability Forum solution, and identifies the benefits that an open, standard Service Availability interface will provide.

Click [here](#) to download the “Service Availability Solution” white paper.

Upcoming Events

The ATCA & Communications Ecosystem Conference

Tuesday, April 28, 2009

San Jose, California

www.lightreading.com/atca

The ATCA & Communications Ecosystems Conference is a key opportunity to evaluate the real time-to-market and cost reduction benefits being delivered by the latest off-the-shelf solutions for the converged IP network. Using these solutions, vendors are delivering new systems and services in a fraction of the time required for conventional developments. This conference is the most comprehensive one-day event covering ATCA and related solutions, including MicroTCA, AMC, off-the-shelf middleware, carrier-grade operating systems, and fully integrated systems.

SA Forum members will receive:

- 25% Admission to the event (\$125 value)
- Recognition on badges as a VIP attendee
- A soft copy of conference materials via e-mail post event
- Free *Light Reading's Component Insider* report to be announced closer to event date
- Automatic entry to win an iPod Nano

Register today at www.lightreading.com/atca.

MicroTCA Summit

May 12-14, 2009

Chantilly, Virginia

www.microTCASummit.com

The MicroTCA Summit will bring together vendors and end-users to discuss the latest practical information and trends regarding MicroTCA. This three-day event will cover topics including the latest processors, the newest interfaces, the most demanding high-availability applications, and the latest next-generation wireless networks. Tutorials, keynotes and panels will feature industry leaders and focus on real solutions, COTS, rugged MicroTCA, interoperability, power considerations, WiMax, and more!

The SA Forum will participate in the "COTS Ecosystem Panel" on Wednesday, May 12, from 3:40 p.m. to 5:00 p.m. Attendees will learn how the SA Forum is contributing to a vibrant COTS ecosystem.

For more information, visit www.microtcasummit.com today.

Second OpenSAF Developer Days

June 3-4, 2009

Shenzhen, China

www.opensaf.org

This two day conference is aimed at developers seeking more detailed and practical exposure to the OpenSAF software and how to implement applications based upon it. OpenSAF leverages SA Forum specifications. Gain insight and firsthand knowledge and share ideas with the people that architected, specified, developed and are using OpenSAF daily.

You will gain / enhance your insight into:

- OpenSAF implementation architecture
- OpenSAF Release 3.0 features / services
- Demonstrations of OpenSAF applications
- OpenSAF community and development process
- Get to know the key members of the OpenSAF community
- Upcoming major items in Release 3.x & 4

Don't forget that an official invitation letter is required in order to get a VISA with a lead time of two or more months. Click [here](#) for more information.

Recent News

- Press Releases
 - [SA Forum Announces 2009 Officers and New Members](#)
 - [SA Forum Addresses Hardware-Software Integration with Latest Specifications](#)

- Articles
 - [Platform Management Integrates Hardware and Software](#), Uli Kleber, *Boards & Solutions Magazine*, February 2009
 - [Open Multimedia Platform Framework](#), Bo Andren, *Ericsson Review*, January 2009
 - [Interview with SA Forum President](#), Asif Naseem, Ernie Bergstrom, Crystal Cube Consulting, November 2008
 - [xTCA Software and Middleware](#), *e-clips eLetter*, Jason McDonald, October 2008
 - [SA Forum enhances platform management and integration](#), *CompactPCI and AdvancedTCA*, Asif Naseem, October 2008
 - [Upcoming SA Forum Specification Release Addresses Hardware/Software Interaction](#), *AdvancedTCA Newsletter*, Uli Kleber, September 2008

- Member Press Releases
 - [RadiSys and Enea Set the 'New Standard' for Delivering Integrated, Managed ATCA Platforms to the Market](#)
 - [GoAhead Software Selects DLT Solutions to Market Leading COTS High Availability Solution to Defense, Public Sector](#)
 - [GoAhead Software and Tail-f Systems Announce Timeline for Integrated Availability and Configuration Management Platform](#)
 - [Emerson Network Power Select GoAhead Software as High Availability Partner for Innovation Partnership Program](#)
 - [GoAhead Software Announces Compatibility between GoAhead SAfire and Sun Netra™ ATCA Blade Servers](#)

- White Papers
 - ["The Service Availability Solution"](#)
 - [Java Usage of the SA Forum Notification Service](#)
 - [Java Usage of the SA Forum Log Service](#)

Join SA Forum

SA Forum members enjoy the benefits of:

- Close collaboration with major corporations from across the globe
- Input into the creation of specifications
- Early access to upcoming specifications
- Participation in SA Forum meetings and events

For more insight on the benefits of membership, contact Jim Lawrence, Member Relations Officer at +1.480.231.9599 or jim.lawrence@enea.com.

To join the SA Forum and to learn how the SA Forum can help your organization reap the benefits of open specifications for service availability, please contact SA Forum Administration at admin@saforum.org or visit www.saforum.org/join.

To subscribe to the SA Forum newsletter, please [click here](#).

To unsubscribe from this newsletter distribution list, please [click here](#).