Standards Based Security

XML Signature (2nd Ed)
XML Encryption
Canonical XML 1.0 / 1.1
Exclusive Canonicalization

XPath Transform
Decryption Transform
XML Key Management

foundational specs

2002-2005

2007

Canonical XML 1.1

XML Signature 2nd Edition

Workshop 2007

http://www.w3.org/2007/xmlsec/ws/

XML Security WG 2008

http://www.w3.org/2008/xmlsec/

4.2 External Groups

Internet Engineering Task Force

The XML Signature specification was produced in a joint effort between W3C and the IETF. It is expected that the XML Security Working Group will liaise closely with the IETF Security and Application Areas in developing its deliverables.

OASIS

A number of OASIS Technical Committees in the security area are direct users of the core XML security specifications, and are possible sources of use cases and requirements for this work. The Working Group should solicit these Technical Committees to review its deliverables. Such Technical Committees include:

- Digital Signature Services eXtended (DSS-X)
- eXtensible Access Control Markup Language (XACML) TC
- Security Services Technical Committee (SSTC)
- Web Services Federation (WSFED) TC
- Web Services Secure Exchange (WS-SX)

Other OASIS Technical Committees that make use of the XML security specifications include the Web Services Transaction (WS-TX) TC, the Election and Voter Services TC, the Universal Business Language (UBL) TC, and the LegalXML Electronic Court Filing TC.

ETSI Electronic Signatures and Infrastructures (ESI) Technical Committee

The ETSI Electronic Signatures and Infrastructures (ESI) Technical Committee is the lead body within ETSI in relation to the standardization activities dealing with Electronic Signatures and related Infrastructures within ETSI.

Web Services Interoperability Organization

The Web Services Interoperability Organization (WS-I) Basic Security Profile (BSP) work group is chartered to profile Web Services Security (WSS) for interoperability. Web Services Security is a user of XML Signature and XML Encryption. The Working Group is expected to inform WS-I BSP on proposals for future work.

Liberty Alliance

The Liberty Alliance has developed an identity web services framework (ID-WSF). This community is familiar with and uses XML Security and should be consulted in developing proposals for further work.

Web Applications: The Browser, and beyond

HTML

JavaScript

CSS

DOM

...

standardization

innovation

frame navigation vs same-origin policies

cross-site communication within the browser

postMessage()

Access Control for Cross-Site Requests

Powerful and Portable Application Platform

widgets

Firefox File Edit View History Bookmarks Tools Window Help
(Charged) 00:52
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December 2007
PARIS
BOSTON
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TOKYO
Thomas Roessler's notes on geek life in Luxembourg -- and less virtual topics.
Wellen
Brussels
Cologne
Boston
Twitter: roessler
nytimes A Place in Our Hearts for Pay Phones http://tinyurl.com/yvojwa
nytimes Two Choices for the Plus One http://tinyurl.com/2habev
amyvdh gotcha, @charltonb, see you there
roessler JSON + eval(): owning the dashboard http://tinyurl.com/2zq8xv
nytimes Subprime Relief May Aid Only a Few, Analysts Say http://tinyurl.com/ywryox
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March 2008
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Trier
Zurich
Cambridge
Cologne
San Francisco
Sophia Antipolis
Tokyo
Wikipedia
English
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12 Downloads
Mac OS X 10.4 or later
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All Downloads
Productivity Tools
Spotlight Plugins
Widgets
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updates
APIs

APIs

widget.system()

JavaScript

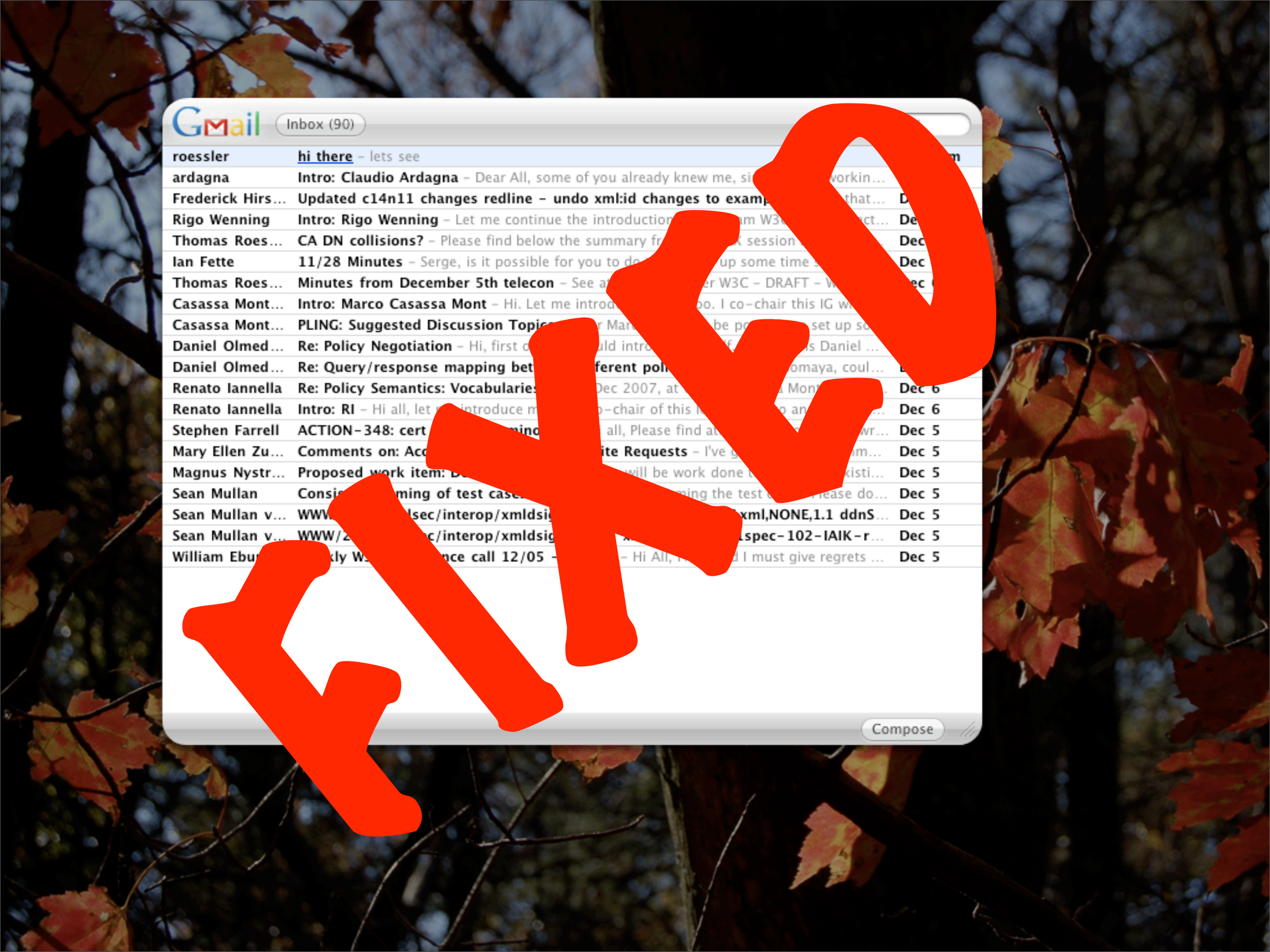
outside the browser

Gmail Inbox (90) Search Mail

roessler	**hi there** – lets see	12:08pm
ardagna	**Intro: Claudio Ardagna** – Dear All, some of you already knew me, since we are workin…	Dec 6
Frederick Hirs…	**Updated c14n11 changes redline - undo xml:id changes to examples** – Note that…	Dec 6
Rigo Wenning	**Intro: Rigo Wenning** – Let me continue the introduction round: I am W3C's privacy act…	Dec 6
Thomas Roes…	**CA DN collisions?** – Please find below the summary from the PKIX session at IETF70. …	Dec 6
Ian Fette	**11/28 Minutes** – Serge, is it possible for you to do that clean-up some time soon? No…	Dec 6
Thomas Roes…	**Minutes from December 5th telecon** – See attached. --Tyler W3C - DRAFT - Web Se…	Dec 6
Casassa Mont…	**Intro: Marco Casassa Mont** – Hi. Let me introduce myself too. I co-chair this IG with …	Dec 6
Casassa Mont…	**PLING: Suggested Discussion Topics** – Dear Marco, would it be possible to set up so…	Dec 6
Daniel Olmed…	**Re: Policy Negotiation** – Hi, first of all, I should introduce myself. My name is Daniel …	Dec 6
Daniel Olmed…	**Re: Query/response mapping between different policy systems** – Hi Somaya, coul…	Dec 6
Renato Iannella	**Re: Policy Semantics: Vocabularies** – On 5 Dec 2007, at 04:54, Casassa Mont, Marco …	Dec 6
Renato Iannella	**Intro: RI** – Hi all, let me introduce myself. I co-chair of this IG with Marco and work as…	Dec 6
Stephen Farrell	**ACTION-348: cert related terminology** – Hi all, Please find attached a proposed rewr…	Dec 5
Mary Ellen Zu…	**Comments on: Access Control for Cross-site Requests** – I've got one major comm…	Dec 5
Magnus Nystr…	**Proposed work item: DerivedKey** – All, If there will be work done to revise the existi…	Dec 5
Sean Mullan	**Consistent naming of test cases** – I have finished renaming the test cases. Please do…	Dec 5
Sean Mullan v…	**WWW/2007/xmlsec/interop/xmldsig/dname dnString-6-UPC.xml,NONE,1.1 ddnS…**	Dec 5
Sean Mullan v…	**WWW/2007/xmlsec/interop/xmldsig/c14n11 xmlbase-c14n11spec-102-IAIK-r…**	Dec 5
William Eburn	**Weekly WSC conference call 12/05 - regrets** – Hi All, I'm afraid I must give regrets …	Dec 5

Compose

cross-context scripting bug: .innerHTML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Casassa Mont… Intro: Marco Casassa Mont – Hi. Let me introd o. I co-chair this IG w
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Daniel Olmed… Re: Query/response mapping bet ferent poli omaya, coul… D
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Stephen Farrell ACTION-348: cert mino all, Please find at wr… Dec 5
Mary Ellen Zu… Comments on: Acc ite Requests – I've g m… Dec 5
Magnus Nystr… Proposed work item: B will be work done t kisti… Dec 5
Sean Mullan Consi ming of test case ning the test c Please do… Dec 5
Sean Mullan v… WWW lsec/interop/xmldsig xml,NONE,1.1 ddnS… Dec 5
Sean Mullan v… WWW/2 c/interop/xmldsig 1spec-102-IAIK-r… Dec 5
William Ebu kly W nce call 12/05 – Hi All, I d I must give regrets … Dec 5
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WIKIPEDIA

Widget engine

Widget engine

From Wikipedia, the free encyclopedia

In computer software, a **widget engine** is a software service available to users for running and displaying **desktop widgets** on the desktop. Desktop widgets are physically inspired applets that give access to information and frequently used functions such as clocks, calendars, news aggregators, etc.

The term widget engine is not to be confused with that of a widget toolkit. Toolkits are destined to GUI programmers, who combine several widgets to form a single application. A widget in a toolkit provide a single, low level interaction, and is prepared to communicate with other widgets in the toolkit. On the other hand, widget engines are intended for end users and each desktop widget is a stand-alone, task-oriented application which can be composed of several related interactions on its own.

The desktop widget model is attractive because of ease of development. Most of these widgets can be created with a few images and about 10 to several hundred lines of XML/JavaScript/VBScript source code. A single host software system, such as a web browser, runs all the loaded widgets. This allows several desktop widgets to be built sharing resources and code.

Contents

1 Desktop widgets
2 Mobile widgets
3 Information flow of Desktop Widgets
4 See also
5 Notes and references
6 External links

Desktop widgets [edit]

Widgets are downloadable interactive virtual tools that provide services such as showing the user the latest news, the current weather, the time, a calendar, a

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