

# Liaisons

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Many organizations in addition to W3C develop standards for the Internet or the Web. In order coordinate the development of the Web, W3C engages in liaisons with numerous organizations after careful consideration of the costs and benefits.

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| Organization  | W3C Activities affected  | W3C contact   | Liaison contact  |
|---|--|---|--|
| 3GPP 3rd Generation Partnership Project   | Device Independence, Multimodal, SMIL, SVG, Timed Text             | Device Independence: Stephane Boyera<br>Multimodal: Dave Raggett<br>SMIL: Thierry Michel<br>SVG: Chris Lilley<br>Timed Text: Thierry Michel | Device Independence: Friedhelm Rodermund<br>Multimodal: Paolo Usai<br>SMIL: Paolo Usai<br>SVG: Tolga Capin, Paolo Usai<br>Timed Text: Paolo Usai |
| Access Board (US)   | WAI  | Judy Brewer   | David Capozzi  |
| AIGA The Professional Association for Design  | OWEA   | Daniel Dardailler   | Ben Friedman   |
| AILF Association des Informaticiens de Langue Française   | French Translation and I18N  |   |  |
| ATIA Assistive Technology Industry Association  | WAI  | Judy Brewer   | David Dikter   |
| Apache The Apache Software Foundation   | Open Source  | Eric Prud'Hommeaux  | Apache board   |
| British Standards Institution   |  | Judy Brewer, Shadi Abou-Zhara   |  |
| CEN European Committee for Standardization (Normalization)  | General interest in W3C/WAI Activities, Privacy, WAI<br><br>COPRAS | Rigo Wenning, Judy Brewer, Shadi Abou-Zhara   | Luc Van den Berghe<br>John Ketchell  |
| CEN Economics and Logistics of Standards compliant Schemas and ontologies for Interoperability - Engineering Materials Data (ELSSI EMD) | Semantic Web, Ontology development                                 | Eric Prud'hommeaux  | David Leal   |
| CEN (WS/eGov Share)   | eGovernment  | @@  | Karl Wessbrandt  |

| Organization   | W3C Activities affected   | W3C contact   | Liaison contact  |
|--|---|---|--|
| CESI China Electronics Standardization Institute   | Web Services  | Philippe Le Hégaré  | Dr. Nan Ma<br>Ms. Yuan Yuan  |
| Design For All and Assistive Technology Standardization Co-ordination Group" (DATSCG)                  | Accessibility   | Shadi Abou-Zhara  | Luc Van den Berghe   |
| DiploFoundation  | Intl Relations, Open Standards, Policy making                           | Daniel Dardailler   | Jovan Kurbalija  |
| DCMI Dublin Core Metadata Initiative, Accessibility Working Group                                      | Semantic Web, Accessibility   | Shadi Abou-Zhara  | Liddy Nevile   |
| DAISY Consortium   | WAI   | Judy Brewer   | George Kerscher  |
| EuroAccessibility  | WAI   | Shadi Abou-Zhara  | Dominique Burger   |
| European Commission  | *, funding  | Judy Brewer<br>Philipp Hoschka<br>Rigo Wenning  | DG Information Society:<br>Jacques Bus, Ima Placencia, Roberto Cencioni, etc<br><br>DG Enterprise: Anne Lehouck, Norbert Anselman, Antonio Conte |
| ETSI European Telecommunications Standards Institute   | XML Security, Multimodal<br><br>COPRAS<br><br>Mobile Web Best Practices | Daniel Dardailler, Rigo Wenning, Kazuyuki Ashimura, Thomas Roessler, François Daoust, Daniel Dardailler | Philippe Cousin<br><br>Jorgen Friis<br><br>Margot Dor<br><br>Juan Carlos Cruellas<br><br>Bruno Van Niman   |
| FSTC Financial Services Technology Consortium  | General interest in W3C Activities                                      | Ralph Swick   | Dan Schutzer, Executive Director (and AC Rep)  |
| GFSI Groupe français sur les standards de l'Internet   | General interest in W3C Activities                                      |   |  |
| I3A International Imaging Industry Association   | MMSem XG, DIG35 metadata standard, OWL conversion                       | Raphaël Troncy,<br>Daniel Dardailler  | James A. Peyton  |
| ICANN The Internet Corporation for Assigned Names and Numbers<br><br>(through Technical Liaison Group) | URI, IDN, Official Std TF   | Thomas Roessler, Daniel Dardailler  | Vint Cerf  |

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|--|---|---|---|
| ICC International Color Consortium                         | Graphics  | Chris Lilley  |   |
| ICTSB  | Generic   | Rigo Wenning  | Keith Dickerson (Chair)   |
| IDPF International Digital Publishing Forum                | HTML, Style, Graphics, Rich Web Client, Video, I18N                 | Michael(tm) Smith   | George Kerscher (President)<br>Michael Smith (Executive Director)       |
| IEEE Printer Working Group (PWG)                           | CSS , HTML  | Bert Bos (CSS),<br>Steven Pemberton (HTML)  |   |
| IETF The Internet Engineering Task Force                   | XML Signature, XML Protocol, I18N, URI Planning IG, Multimodal      | Thomas Roessler,<br>Philippe Le Hégarret,<br>see also: public-ietf-w3c mailing list | Mark Nottingham   |
| IGF The Internet Governance Forum                          | Official Std TF, Followup to WSIS, Web standard dev and governance. | Daniel Dardailler,<br>Shadi Abou-Zahra  | Markus Kummer   |
| IGF-DCOS Dynamic Coalition on Open Standards               | Generic   | Daniel Dardailler   | Susy Struble  |
| IGF-DCAD Dynamic Coalition on Accessibility and Disability | WAI   | Shadi Abou-Zahra  | Alexandra Gaspari   |
| IMS Global Learning Consortium, Inc.                       | WAI   | Judy Brewer   | Jutta Treviranus  |
| INCITS Study Group on Accessibility                        | WAI   | Judy Brewer   | Connie Myers, SG Chair  |
| IPTC International Press Telecommunications Council        | MMSem XG, NewsML G2 metadata standard, OWL conversion               | Raphaël Troncy,<br><br>Daniel Dardailler  | Misha Wolf  |
| ISO JTC1/SC 24<br><br>(Class C Liaison)                    | Graphics  | Chris Lilley  | Jean Stride   |
| ISO JTC1/SC 32<br><br>(Class C Liaison)                    | XML and Dublin Core   | To be decided   | Jim Melton  |
| ISO JTC1/ SC 34 OOXML, ODF                                 | XML   | [XML Core WG]   | Mohamed Zergaoui (Innovimax)  |
| ISO JTC1/SC2 and JTC1/SC2/WG2<br><br>(Class C Liaison)     | I18N  | Richard Ishida  | Mike Ksar   |
| ISOJTC 1 SWG Accessibility                                 | WAI   | Judy Brewer   | Karen Higginbottom, Chair<br><br>Special Working Group on Accessibility |

| Organization   | W3C Activities affected   | W3C contact  | Liaison contact   |
|--|---|--|---|
| ISO JTC1/SC 29/WG1 (JPEG)<br>(Class C Liaison)                                   | Graphics, PNG   | Chris Lilley (SVG)   | David Singer, Apple.<br><br>Yukiko Ogura<br><br>Secretary, ISO/IEC<br>JTC 1/SC 29   |
| ISO JTC1/SC 29/WG11 (MPEG)<br>(Class C Liaison)                                  | Audio/Video, Graphics,<br>MMSem XG, WebApps<br>(MPEG-7 and MPEG-21) | Philippe Le Hégarret<br>(Timed Text)<br>Chris Lilley (SVG)<br><br>Raphaël Troncy<br>(MMSem XG<br>chair)<br><br>Doug Sheperd<br>(WebApps) | Dr. Jean-Claude Dufourd<br>(Streamezzo)<br><br>See the XG liaison<br>statement<br><br>Yukiko Ogura<br><br>Secretary, ISO/IEC<br>JTC 1/SC 29 |
| ISO TC 68/ WG 4<br>(through Category D<br>Liaison)                               | Web Services (on ISO side:<br>Financial services)                   | Steve Ross-Talbot<br>(WS-CDL)  | Matthew Rawlings  |
| ITIC   | WAI   | Judy Brewer  | Ken Saelets,<br>Don Deutsch   |
| ITU International<br>Telecommunication Union                                     | Interest in W3C<br>Recommendations, mutual<br>participation         | Philippe Le Hégarret   | Houlin Zhao   |
| ITU-T Group 16 IPTV  | Hypertext Coordination<br>Group participation, eHealth              | Chris Lilley   | Masahito Kawamori, Rosa<br>Angeles-León de Vivero   |
| IW3C2 International WWW<br>Conference Committee                                  | Communications  | Ivan Herman  | Allan Ellis   |
| Japanese Industrial Standards<br>Committee, X 8341-3 Working<br>Group 2          | WAI   |  |   |
| Liberty Alliance   | Privacy, , XML Signature  | Rigo Wenning   |   |
| JCP JSR 226 EG   | SVG   | Chris Lilley   | Suresh Chitturi (Nokia)   |
| Mobile Imaging and Printing<br>Consortium (MIPC)                                 | CSS, HTML, SVG, MWI.  | Chris Lilley   |   |
| NIST National Institute of<br>Standards and Technology                           | Held a workshop together.   |  |   |
| OASIS Organization for the<br>Advancement of Structured<br>Information Standards |   |  |   |

| Organization                                       | W3C Activities affected   | W3C contact   | Liaison contact   |
|--|---|---|---|
| OASIS  | HTML  | Steven Pemberton  | Daniel Greenwood (MIT),<br>LegalXML eContracts<br>Committee   |
| OASIS  | XML Security  | Thomas Roessler   | Digital Signatures Extended<br>(DSS-X) TC: Juan Carlos<br>Cruellas<br>eXtensible Access Control<br>Markup Language (XACML)<br>TC: Hal Lockhart<br>Security Services (SAML)<br>TC: Hal Lockhart<br>Web Services Federation<br>TC: Mike McIntosh (through<br>Bruce Rich)<br>Web Services Secure<br>Exchange (WS-SX) TC: Hal<br>Lockhart, Frederick Hirsch |
| OASIS  | eGovernment   |   | Carol Cosgrove-Sacks  |
| OASIS  | SVG (ODF liaison)   | Doug Schepers (SVG)   | Scott McGrath, OASIS,<br>Senior Director of Member<br>Services<br>Michael Brauer, ODF TC<br>Rob Weir, ODF TC  |
| OGF Open Grid Forum                                | Web Services, Semantic Web  | Web Services:<br>Philippe Le Hégaré                             | David De Roure  |
| OMA Open Mobile Alliance<br>(through MoU with OMA) | CDF, CSS, Device<br>Independence(CC/PP),<br>Graphics HTML, Multimodal,<br>Mobile Web Initiative | Chris Lilley, Philipp<br>Hoschka                                | Kieran McAleese<br>(Openwave) and Kimmo<br>Halonen (Nokia); Mobile<br>Web Initiative: Jari Alvinen<br>(Nokia).<br><br>Victoria Gray.  |
| OMG Object Management<br>Group                     | Web Services, DOM, Rules  | Web Services, DOM:<br>Philippe Le Hégaré<br>Rules: Sandro Hawke | James Nemiah<br>(nemiah@omg.org)  |
| OeBF Open eBook Forum                              | WAI   | Judy Brewer   |   |
| OGC Open GIS Consortium                            | SVG   | Chris Lilley, Ralph<br>Swick                                    | Carl Reed, Ron Lake   |
| OWASP Open Web Application<br>Security Project     | HTML, WebApps   | Thomas Roessler   | Sebastien Deleersnyder  |
| SMPTE  | SYMM  | Thierry Michel  | Mike Dolan  |
| The Open Group                                     | ICTSB/COPRAS  | Daniel Dardailler   | Scott Hansen  |
| Unicode  | I18N  | Felix Sasaki  | Mark Davis  |
| UN/CEFACT  | Official Std TF, Web<br>Technologies  | Daniel Dardailler   | Stuart Feder  |

| Organization  | W3C Activities affected   | W3C contact                         | Liaison contact                    |
|---|---------------------------|-------------------------------------|------------------------------------|
| UNESCO  | I18N, IGF                 | Daniel Dardailler<br>Richard Ishida | Axel Plathe and Claudio Menezes    |
| VoiceXML Forum<br><br>(through MoU with VoiceXML Forum) | Voice Browser, Multimodal | Kazuyuki Ashimura                   | Cindy Tiritilli                    |
| Web Accessibility Benchmarking (WAB) Cluster            | Accessibility             | Judy Brewer, Shadi Abou-Zhara       | Eric Velleman                      |
| WASP The Web Standards Project                          | Communications            |                                     | Jeffrey Zeldman                    |
| Web3D Consortium  | Graphics                  | Chris Lilley                        | Don Brutzman<br>(brutzman@nps.edu) |

## Mission of W3C International Liaisons

W3C is decided to improving W3C's liaisons with international organizations in the areas of politics and standardization and to reinforce W3C's commitment to developing one Web for everyone. The W3C staff provides the leadership to coordinate and to empower W3C Offices. The staff acts as a catalyst and enabler for both the W3C management team and the Offices, with whom it shares best practices and resources.

International Relations focuses on spreading W3C's messages and technologies beyond the Consortium's usual geographical and Web community frontiers. We pursue the vision and plan outlined in the white paper Worldwide Participation in the World Wide Web Consortium with the goal of making it easier for new stakeholders to discover and participate in W3C's work and values.

## Contacting W3C to Establish a Liaison

The best way to reach W3C about liaisons and partnerships is to send email to [team-liaisons@w3.org](mailto:team-liaisons@w3.org) which will reach Daniel Dardailler, Rigo Wenning, Thomas Roessler and the other W3C staff members active in the area.

For relationships between W3C and government driven organizations like ISO, ITU, EU normalization (ETSI, CEN), UN efforts like IGF/WSISs, national bodies (ANSI, AFNOR, etc.), and for political liaison activities with other Internet organizations like IETF, ICANN, ISOC, etc., please cc Daniel Dardailler in any case.

If you prefer private communication, please contact Daniel Dardailler.

## About the Liaison Table

Each entry in the following table of partnerships (active or not) includes:

- the name of the organization, linked to its homepage. In addition, formal agreements are listed here.
- the W3C activities or technologies affected by the liaison
- one or several contact names within W3C

zero or more liaison contact names, included with permission of the liaison contacts. If this information becomes outdated please alert the W3C contact.

For more information about a particular liaison, please refer to the contact page for the listed individual(s).

## Considerations When Establishing a Liaison

Liaisons take a variety of forms, ranging from participation by an individual in a group, to membership agreements, to formal agreements through Memorandum of Understanding (MoU) or other contracts. While W3C supports liaisons with other groups, the organization and development of these liaisons (formal or informal) requires time and resources. W3C's decision to pursue a liaison with a Partner is ultimately based on the perceived costs and benefits to W3C. Important considerations include:

Will both organizations make available to each other all information pertinent to the joint effort?

Will both organizations ensure public distribution of intermediate and final versions of technical reports?

Will both organizations publish specifications and results using open standards (e.g., XHTML, SVG, PNG, Unicode)? W3C archives its work and so requires that formats used be established standards that are well-documented and usable without the purchase of proprietary software. Such formats are more likely to be interpretable by posterity.

Will both organizations respect the confidentiality of sensitive information? Willingness by both parties to protect such information fosters trust and may allow Working Groups to get work done more quickly. However, those involved should not lose sight of the ultimate goal of open and public specifications.

Will both organizations disclose any patent, copyright, and other IPR claims related to the joint effort? What happens when the Partner does not share the same IPR policies as W3C? When it's more strict or more loose? Is disclosure the minimum? How will the organization address patents as part of filling out the charter?

Will both organizations coordinate all public statements and press releases related to the joint effort?

Will both organizations encourage peer review at appropriate/documented milestones so as to ensure compatibility? Agree to negotiate changes deemed necessary by reviewers? Agree to solicit and respond to comments made during periods of public review?

Will both organizations reach decisions by consensus and document objections when consensus is not possible?

Will Members of both organizations commit to representing the parent organizations in work related to the joint effort?

What copyright and distribution policies will govern deliverables? Will the publications be available according to the W3C Document License? Will software be available according to the W3C Software Notice and License?

W3C may choose not to pursue a liaison with an organization that has selective or arbitrary membership policies that serve only to benefit pre-existing or dominant members.

Per the W3C Process Document, all liaisons must be coordinated by the Team due to requirements for public communication; patent, copyright, and other IPR policies; confidentiality agreements; and mutual

membership agreements.

## W3C and De Jure Standards

This section describes some of W3C's relationships with *de jure* bodies such as ISO.

### W3C Approved RS Originator Organization (ARO) Status for ISO/JTC1

In January 2007, W3C became an Approved RS Originator Organization (ARO) for ISO/JTC1. This means that ISO/JTC1 standards may refer to W3C Recommendations "as-is." That process is described in the Letter Ballot on the JTC 1 Standing Document on Normative References

For information about W3C's ARO status, or when creating a Referencing Explanatory Report, please contact Daniel Dardailler <dd@w3.org>.

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