

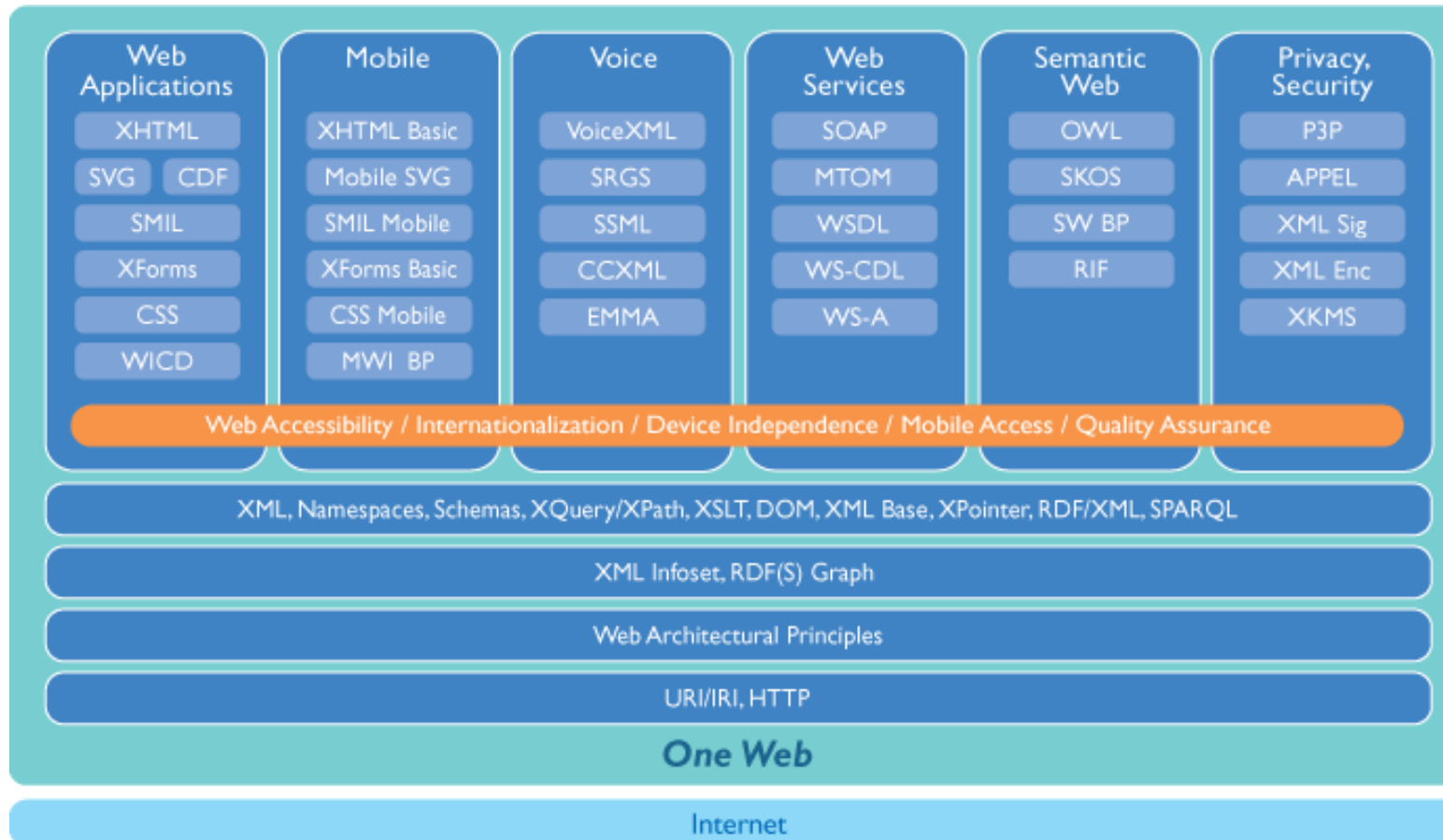
# W3Cの規格策定アクティビティ概要

2010年8月4日  
W3C/Keio

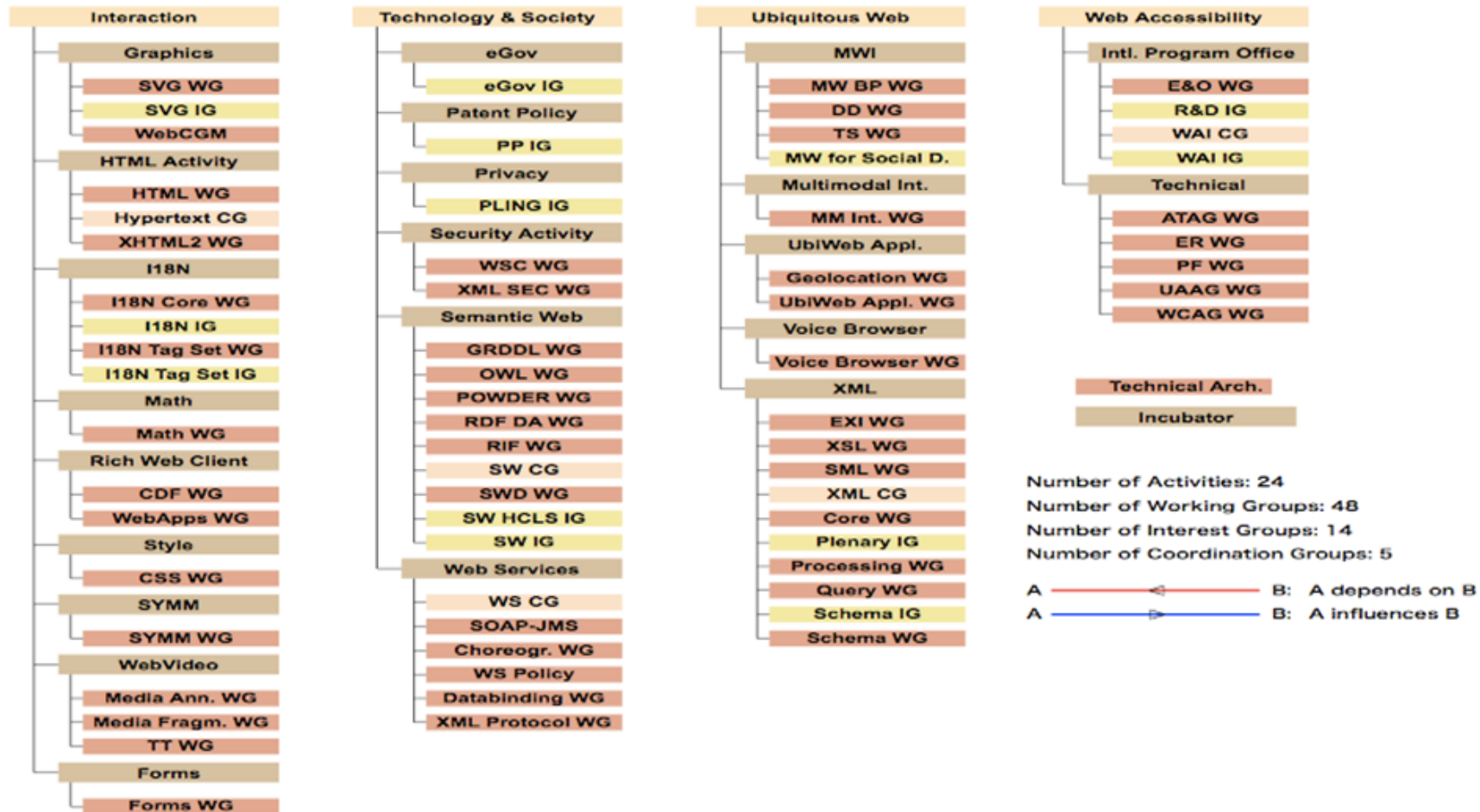


- Technical Architecture Group (TAG、日本語では技術諮問委員会)
  - Web 技術体系の基本原則についての合意形成と、必要な場合にその基本原則の解釈および明確化を行うという役割を果たす
- Working Group (WG)
  - 個別の技術仕様を取り扱う分科会
- Incubation Group (XG)
  - 規格、ガイドライン、アプリケーションに対する先進的なアイデアをいち早く世に送り出すためのスタートアッププロセスを担う活動です。1年間という限定期間で、かつW3Cメンバーを中心にして迅速に議論を進め、WGのトラックに載せるための環境作りを担
- Interest Group (IG)
  - メンバー・チーム外からの参加も認められるオープンな技術開発・普及のためのコミュニティ。アウトリーチ的な機能も。

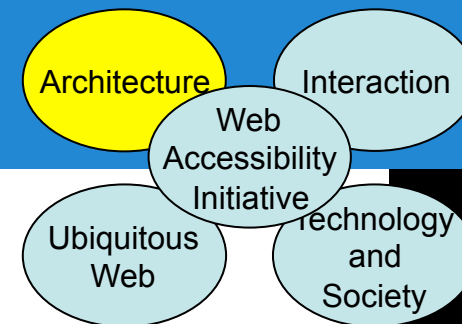
# W3C技術



# W3Cが開発している規格とは？



70を超えるのWG (Working Group) で、幅広い分野の規格を策定

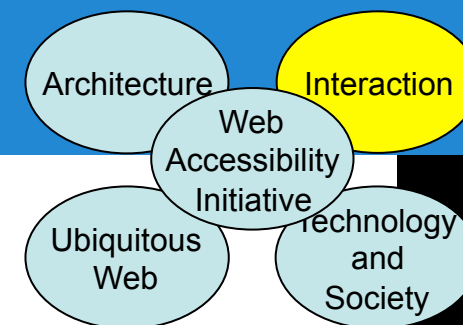


## ■ Webの基盤となる技術

- Document Object Model
  - DOM Interest Group
- Extensible Markup Language (XML)
  - Efficient XML Interchange Working Group
  - XML Coordination Group
  - XML Core Working Group
  - XML Plenary Interest Group
  - XML Processing Model Working Group
  - XML Query Working Group
  - XML Schema Interest Group
  - XML Schema Working Group
  - XSL Working Group
- Internationalization
  - Internationalization Architecture Working Group
  - Internationalization Core Working Group
  - Internationalization (I18n) Interest Group
  - Internationalization Tag Set (ITS) Working Group
- Semantic Web
  - OWL WG
  - RDB2RDF WG
  - RDFa WG
  - Rule Interchange Format WG
  - SOAP-JMS Binding WG
  - SPARQL WG

## □ Web Services

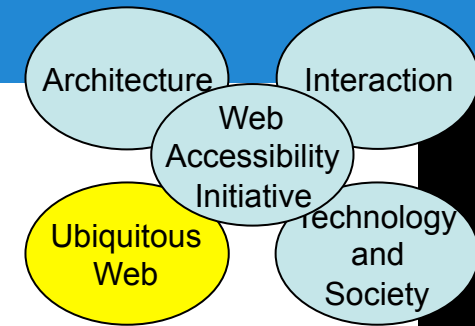
- Semantic Annotations for Web Services Description Language Working Group
- Semantic Web Services Interest Group
- Web Services Addressing Working Group
- Web Services Coordination Group
- Web Services Choreography Working Group
- Web Services Description Working Group
- Web Services Policy Working Group
- Web Services Resource Access WG
- XML Schema Patterns for Databinding Working Group
- XML Protocol Working Group



## ■ ブラウザなどユーザが利用する技術

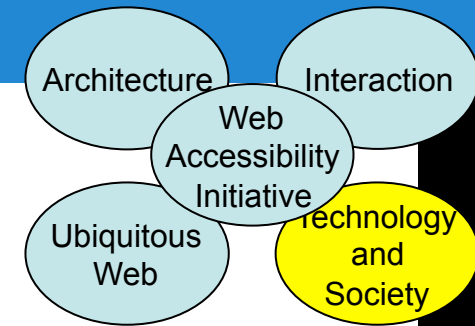
- Graphics
  - SVG Working Group
  - WebCGM Working Group
- HTML
  - HTML Working Group
  - Hypertext Coordination Group
  - XHTML2
- Rich Web Client
  - Compound Document Formats Working Group
  - Web Applications WG
  - Formats Working Group
- Video in the Web
  - Media Annotations WG
  - Media Fragments WG
  - Timed Text WG
- Style
  - Cascading Style Sheets (CSS) Working Group
- Fonts
  - WebFonts
- Synchronized Multimedia
  - SYMM Working Group
  - Timed Text Working Group
- Xforms
  - Forms Working Group
- Math
  - Math Working Group

# Ubiquitous Web



- PCでの利用に限らない技術
  - Mobile Web Initiative
    - Mobile Web Best Practice Working Group
    - Mobile Web Initiative Device Description Working Group
    - Mobile Web Initiative Test Suites Working Group
  - Multimodal Interaction
    - Multimodal Interaction Working Group
  - Ubiquitous Web Applications
    - Ubiquitous Web Applications Working Group
    - Device APIs and Policy
    - Geolocation
  - Voice Browser
    - Voice Browser Working Group

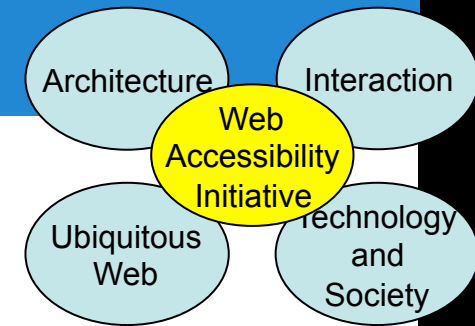
# Technology and Society



- 実社会で利用する際に必要となる技術
  - Patent Policy
    - Patents and Standards Interest Group
  - Privacy
  - Security
    - Web Security Context Working Group
    - XML Security Specifications Maintenance Working Group
  - Semantic Web
    - GRDDL Working Group
    - Protocol for Web Description Resources (POWDER) Working Group
    - RDF Data Access Working Group
    - Rule Interchange Format Working Group
    - Semantic Web Coordination Group
    - Semantic Web Deployment Working Group
    - Semantic Web Education and Outreach (SWEO) Interest Group
    - Semantic Web Health Care and Life Sciences Interest Group
    - Semantic Web Interest Group



# Web Accessibility Initiative

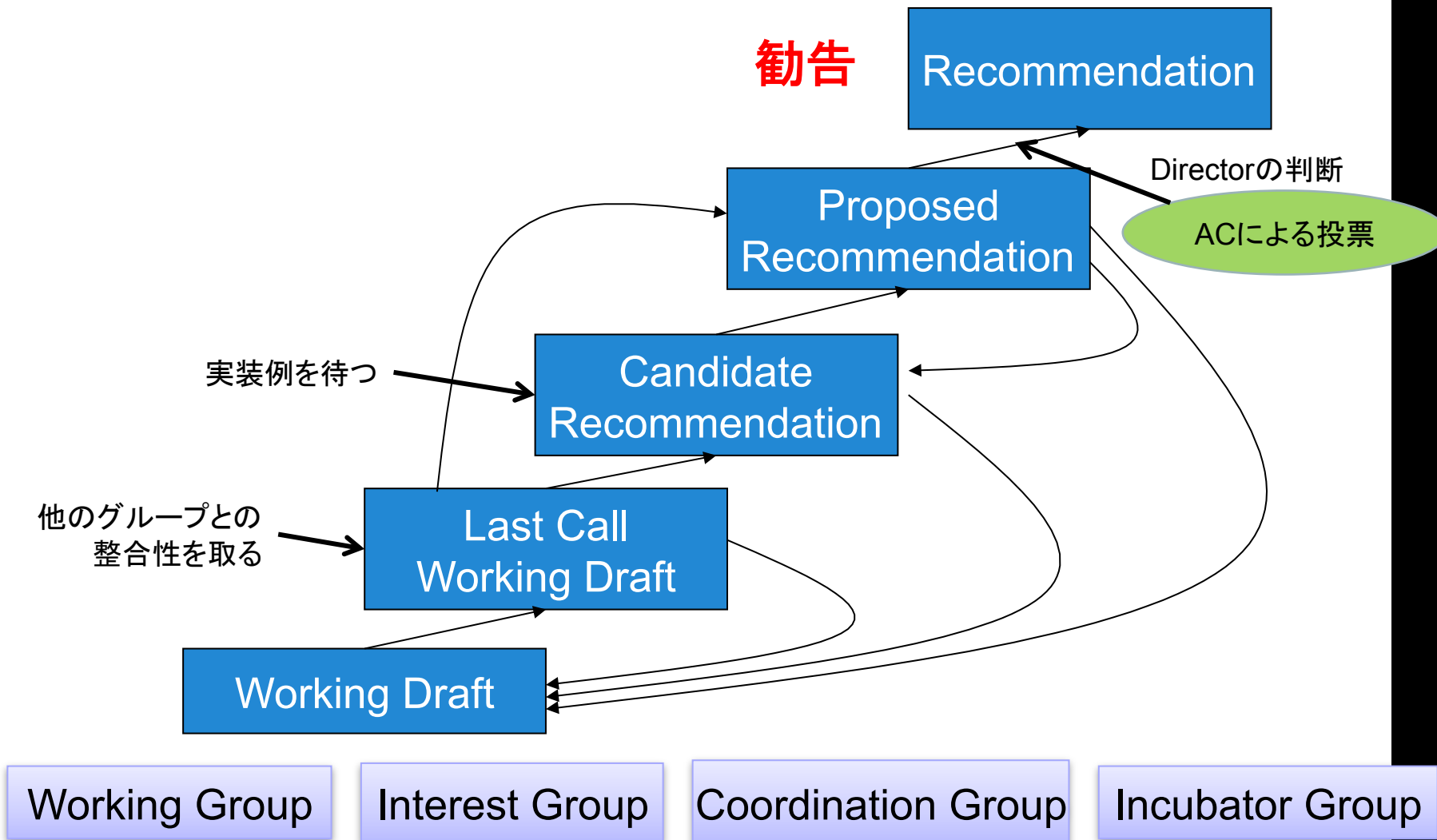


- だれでもが使えるWebにする
  - WAI International Program Office
    - Education and Outreach Working Group
    - Research and Development Interest Group
    - WAI Coordination Group
    - WAI Interest Group
  - WAI Technical Activity
    - Authoring Tool Accessibility Guidelines Working Group
    - Evaluation and Repair Tools Working Group
    - Protocols and Formats Working Group
    - User Agent Accessibility Guidelines Working Group
    - Web Content Accessibility Guidelines Working Group

# Incubator Groups

- 試行的な活動
  - Audio
  - Decisions and Decision-Making
  - Library Linked Data
  - Open Web Education Alliance
  - Provenance
  - Semantic Sensor Network
  - Social Web

# W3Cの標準化プロセス



# WGの活動内容と参加方法

- チャンネル
  - Mailing List
  - Teleconference
  - F2F: TPAC, 各WGごとの個別会合
- 開催形態
  - 言語は英語
  - 欧米とのやりとり→夜中の会議も多い
- 参加方法
  - AC-rep (会員企業代表者)からの登録が必要

# W3C会員組織としての特典

- Webの標準作成への参加
- AC会議（年2回）に出席しW3C方向性を決定
- Incubator Groupの形成
- Submissionによる提案
- Workshopへの参加
- W3CのMember限定サイト・メーリングリスト
- W3C Member Logoの利用



ありがとうございました。

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