W3Cにおける標準化プロセス

国際化・セキュリティー・プライバシーなどの水平レビュープロセスについて

Atsushi Shimono

W3C/Keio

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- 仕様レビュー以外のi18n日常活動、組織間連携

W3Cプロセス概要

Strategy Funnel

Investigation
Workshops; Market Analysis; News & Networks; Meeting communities where they are (events & confs); Hackathons; vNext

Incubation
CGs, BGs, IGs; Reports, Prototypes, Drafts

Evaluation
Intent to Migrate; Rec-Track Readiness

WG Charter Deliverables
->Project Management; A&T review-> possible transmission back to incubation

Recommendation

W3C Workshop on Web5G:

Alig...

May

Sched...

Day 1: Th...

Please n...

▶

▶

W3C Wel...

Execu...

Status and...

On May 1...
provider a...
the adopt...

As a follow-up to the Web5G W...
details on what type of work mi...
application and network level.

This task force presented the ou...
create a Web & Networks Inter...

This repository aims at developi...

About the Web & Networks Interest Group

What we do

The mission of the Web & Networks Interest Group is to explore solutions for web applications to leverage network capabilities in order to achieve better performance and resources allocation, both on the device and network.

Who we are

Chairs:

- Dan Druta (AT&T)
- Sudeep Divakaran (Intel)
- Song Xu (China Mobile)

Staff Contact: Dominique Hazael-Massieux <dom@w3.org>

Work streams

The group is currently focused on two main topics:

- **Network Quality Monitoring and Prediction** with the goal of improving how Web apps can monitor and prepare for changes in network conditions
- **Edge Computing** with the objective of understanding the impact of edge computing for Web applications and build a roadmap to enable its adoption

Get involved

We welcome comments and discussion from the web community, on GitHub and our mailing list public-networks-ig@w3.org (publicly archived).

We also welcome new members:

- Participate in W3C
- Join the Interest Group (needs a W3C account)
- W3C code of conduct

Our charter

The current charter of the Interest Group runs until 31 December 2020.

W3C Process Document

Editor's Draft, 17 November 2019

This version:
> https://w3c.github.io/w3process/

Latest published version:
> https://www.w3.org/Consortium/Process/

Previous Versions:
> https://www.w3.org/2019/Process-20190301/
> https://www.w3.org/2018/Process-20180201/
> https://www.w3.org/2017/Process-20170301/

Issue Tracking:
> GitHub

Editor:
> Florian Rivoal (Invited Expert)

Former Editors:
> Natasha Rooney (Invited Expert)
> Charles McCathie Nevile (Yandex)
> Ian Jacobs (W3C)
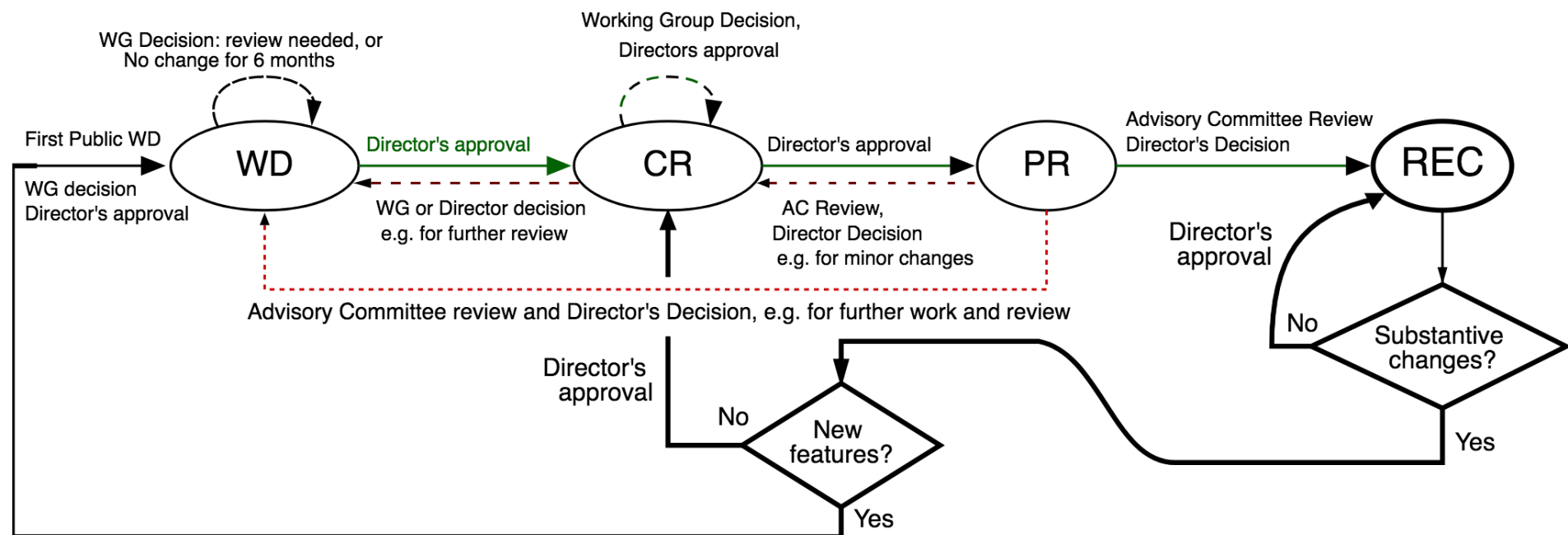
- WD : Working Draft
  - 最初のリリースをFPWD (First Public WD)と呼んでプロセス上でレビューが行われたり、いくつかのプロセスの開始点となる
  - WDの更新はグループ内の公開決議で行える
  - 日々のドラフトはgithub.ioでED (Editors Draft)として常時公開

- CR : Candidate Recommendation
  - 各種レビュー(Wide, Horizontal)などが行われた勧告案

- PR : Proposed Recommendation
  - 全ての項目について2つ以上の実装が存在するなどの勧告仕様としての条件を満たした最終案、W3C Memberのレビューが行われて反対がなければ1カ月程度でRECとなる

- REC : Recommendation

仕様案に対するレビュー

W3C Process Document

➢ The requirements for wide review are not precisely defined by the W3C Process. The objective is to ensure that the entire set of stakeholders of the Web community, including the general public, have had adequate notice of the progress of the Working Group (for example through notices posted to public-review-announce@w3.org) and were able to actually perform reviews of and provide comments on the specification.

W3C Process Guidebook

➢ Some of the key groups where there could be dependencies include:

- WAI Accessible Platform Architectures (APA) Working Group (for accessibility)

- Internationalization Working Group

- Security Interest Group (for security)

- Privacy Interest Group (for privacy)

- Technical Architecture Group (for technical architecture principles)

仕様案に対するレビュー

Memorandum of Understanding Between W3C and WHATWG

➤3.3 W3C shall encourage the community (users and developers alike) and horizontal review groups to contribute directly to the WHATWG HTML and DOM repositories; raising issues, proposing solutions, commenting on proposed solutions, and indicating support or otherwise for proposals. Those contributions will be subject to the WHATWG IPR Policy (see "Patent and Copyright", below). The WHATWG repositories may add custom labels to enable the HTML WG to organize and manage issues of interest to the W3C community.

➤3.7 W3C and WHATWG jointly agree that the TAG may provide non-binding technical advice on any complex disagreements.

プロセス更新議論 – Ever*

Memorandum of Understanding Between W3C and WHATWG

➢ W3C has no obligation to bring every Review Draft to REC, but expects to do so at least once per 12 month period. Consistent with WHATWG's policies and normal course of operation, a new WHATWG Review Draft will be published approximately every six months. The HTML WG can take the newly published Review Drafts for the HTML and DOM specifications to REC. The HTML WG may request that WHATWG publish a WHATWG Review Draft outside the normal course of operation; WHATWG will make reasonable efforts to produce such Review Draft.

プロセス更新議論 – Ever*

仕様へ入れるためのコンセンサス確保もしくはグループ内・エディターレビューの方法、特許ポリシーとの整合(とはいえ現状のRECでないとRFでない、という点の問題は共有されている)、リエゾン・一般を含む各グループによるレビューの取り込み方、などについてまだいくつかの議論が行われている。

- 永続的CRや、継続的に更新可能なREC、など
  - 現在は更新の為にFPWDかCRに戻ってプロセスをやり直す必要

- whatwg Living Standard (LS)は部分ごとに各レビューなどが実施されている
  - wptでのテストの存在や最低一つの実装が必要などのgithub PRのマージ基準が存在

horizontal reviewプロセス 整理と共通化整備

- 各WGは公開予定の仕様に対して
  - charterでレビューを要請する(最低限の)グループをリスト
  - FPWD公開時に各グループに連絡、CR公開前に各グループからのレビューを完了させる
- 各グループはレビューに関して
  - Self check listを　備している
  - 仕様開発者の　　ツールを提供し
  - レビューコメ　　仕様の変更が　　ベルを付けて

Request HR of TTML2 #75

⊙ Open **nigelmegitt** opened this issue on 16 Oct · 3 comments

nigelmegitt commented on 16 Oct · edited ▾   Member +😊 ···

As agreed at https://www.w3.org/2019/10/10-tt-minutes.html#x03 request HR of TTML2:

☑ accessibility - https://lists.w3.org/Archives/Public/public-tt/2019Oct/0039.html
☑ internationalization - https://lists.w3.org/Archives/Public/public-tt/2019Oct/0037.html
☐ performance
☑ privacy - https://lists.w3.org/Archives/Public/public-tt/2019Oct/0038.html
☑ security - https://lists.w3.org/Archives/Public/public-tt/2019Oct/0038.html
☑ TAG - w3ctag/design-reviews#432

Short i18n review checklist

This page points developers of specifications to various aspects of their spec tha[...] by spec reviewers, to get an idea of what to look for in a spec.

The text of this page is still being perfected, and is not exhaustive. Please raise a[...]

If the spec or its implementation...	
... contains **any natural language** text that will be read by a human (this includes error messages or other UI text, JSON strings, etc, etc),	... ensure that there's [...] things such as langua[...]
... allows content authors to produce **typographically appealing text**, either in its own right, or in association with graphics.	... take into account th[...] around the world (for t[...] justification, emphasis[...] and units, etc.)
... allows the user to **point into text**, creates text **fragments**, **concatenates** text, allows the user to **select or step through** text (using a cursor or other methods), etc.	... make allowances fo[...] of text
... allows **searching or matching** of text, including syntax and identifiers	... understand the impl[...] etc
... **sorts text**	... ensure that it does [...]
... **captures user input**	... ensure that it also c[...] text direction, and that[...] methods
... **deals with time** in any way that will be read by humans and/or crosses time zone boundaries	... ensure that it will re[...] around the world, and[...] and global/absolute ti[...]
... allows any **character encoding** other than UTF-8	... make sure you have[...] then ensure that the c[...]
... **defines markup**	... ensure support for i[...]

Check against i18n Review Checklist #582

⊘ **Closed**   **takuki** opened this issue on 26 Apr · 1 comment

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takuki commented on 26 Apr · edited by mkovatsc ▾   **Member**   + 😊   ⋯

Short i18n review checklist is here

☑ If the spec (or its implementation) contains any natural language text that will be read by a human (this includes error messages or other UI text, JSON strings, etc, etc),

> The TD spec itself does not contain such text.
> However, the TD spec defines fields "support", "description" and "title" with which the authors of TD can add natural language texts that can be read by a human.
> For Language Basics, see issue #[TBD] (**@mryuichi**)
> For Language Values, see issue #595 (**@ashimura**)
> For Declaring language at the resource level, see issue #584 (**@mmccool**)
> For Handling base direction for strings, see issue #585 (**@mmccool**)

☑ If the spec (or its implementation) allows content authors to produce typographically appealing text, either in its own right, or in association with graphics.

> **N/A (Not Applicable)**
> TD authors are not expected to produce typographically appealing text.
> TD does not provide a means to do so, either.

☑ If the spec (or its implementation) allows the user to point into text, creates text fragments, concatenates text, allows the user to select or step through text (using a cursor or other methods), etc.

> **N/A (Not Applicable)**
> TD users are not expected to do such operations.
> TD does not provide a means to do so, either.

☑ If the spec (or its implementation) allows searching or matching of text, including syntax and identifiers

> ○ TD spec contains "id" field of a Thing for identifying a Thing.
> ○ The "id" field is defined to be of anyURI type of XSD 1.1.
> ○ An implementation of TD itself does not do an operation of matching identifiers.

Internationalization techniques: Developing specifications

This page provides checklists for specification developers, editors and reviewers who want to take account of internationalization issues during the development of a spec. Where a checklist item is followed by a `more` link, click on that for more information. The page also lists links to useful resources on the W3C Internationalization Activity site and elsewhere that may help.

Use of this checklist doesn't remove the need for a formal review, but using it for a self-review can warn of potential issues and requirements, at an early stage, that might otherwise be overlooked. Therefore, the later review should yield few, if any, nasty surprises. It also provides a useful set of points for reviewers to follow.

Interactive checklists! If your spec is github based, you can now create a snapshot of the checklist items in markdown. If you add that to a github issue, you can check off items that are ok, and add comments while doing a self-review. Generate the code here.

Collapse all • Expand all

▼ Language

▶ Language basics

▶ Defining language values

▶ Declaring language at the resource level

▶ Establishing the language of a content block

▶ Establishing the language of inline runs

▼ Text direction

▶ Basic requirements

▶ Background information

▶ Base direction values

▶ Handling direction in markup

▶ Handling base direction for strings

▶ Setting base direction for inline or substring text

▶ Characters

▶ Text processing

i18nを例にしてのレビュープロセス概要

w3c / i18n-activity

<> Code | ⊙ Issues 493 | Pull requests 1 | ⊙ Actions | Projects 1 | Wiki | Security | Insights | Settings

Review radar
Updated 7 days ago

Filter cards

14 Early review opportunities	3 Review requested	2 In review	25 Awaiting comment resolution	32 Completed
⊙ CSS Writing Modes Level 4 > Ongoing #520 opened by aphillips WD	⊙ HTML (WHATWG periodic) > 2019-11-30 #781 opened by aphillips REVIEW REQUESTED SS	⊙ JSON LD WG self review #740 opened by r12a REVIEW REQUESTED SR	⊙ WAI pronunciation docs > 2019-11-14 #782 opened by aphillips FPWD needs-review	⊙ TTML2 > 2017-09-30 #428 opened by aphillips close?
⊙ Feature Policy > 2019-03-26 #658 opened by aphillips FPWD	⊙ TTML2 2nd > 2020-01-15 #823 opened by himorin REVIEW REQUESTED WD	⊙ Intersection Observer > 2020-01-31 #793 opened by aphillips CR REVIEW REQUESTED	⊙ DOM > 2019-10-31 #727 opened by aphillips LC REVIEW REQUESTED	⊙ Devices and Sensors Reviews (4 docs) > 2019-11-14 #780 opened by aphillips CR REVIEW REQUESTED close?
⊙ CSS Generated Content 2016-06-20 #283 opened by r12a FPWD	⊙ Screen Capture (WebRTC) > 2020-01-13 #824 opened by aphillips CR REVIEW REQUESTED		⊙ Data Catalog Vocabulary (DCAT) version 2 > 2019-06-18 #704 opened by aphillips LC REVIEW REQUESTED	⊙ Pub Manifest self review #739 opened by r12a REVIEW REQUESTED SR close?
⊙ WebXR Device API > 2019-02-05 #635 opened by aphillips FPWD			⊙ WoT Thing Description > 2019-04-30 #675 opened by aphillips LC REVIEW REQUESTED	⊙ HTML 5.3 > 2018-05-25 #539 opened by aphillips LC close?
⊙ The Profiles Ontology (dx-prof) > 2018-12-18 #625 opened by aphillips FPWD			⊙ Inaccesibility of CAPTCHA > 2019-06-30 #698 opened by aphillips LC REVIEW REQUESTED	⊙ CSS Painting API Level 1 > 2018-10-09 #581 opened by aphillips LC
⊙ Content Negotiation by Profile (dx-prof-conneg) > 2018-12-18 #624 opened by aphillips			⊙ Verifiable Credentials Data Model 1.0 > 2019-03-04 #636 opened by aphillips	⊙ Verifiable Credentials Data Model 1.0 > 2018-09-20 #578 opened by aphillips

Edit   New issue

🚫 **Closed**   **aphillips** opened this issue on 15 Oct · 1 comment

aphillips commented on 15 Oct   Member   + 😊   ...

The Devices and Sensors Working Group requests wide review of the following specs. The only substantial change since the last CR is the the addition of WebDriver extensions. Please provide your feedback by 2019-11-14.

WebDriver API and its extensions enable test automation and are not web-exposed in a normal browsing scenario. The extensions in scope of this review request are defined in the following Automation sections:

Generic Sensor API
https://w3c.github.io/sensors/#automation

Accelerometer
https://w3c.github.io/accelerometer/#automation

Gyroscope
https://w3c.github.io/gyroscope/#automation

Orientation Sensor
https://w3c.github.io/orientation-sensor/#automation

The group requests feedback via the respective specifications' GitHub repositories, or via email to public-device-apis@w3.org.

The group is looking for confirmation that it has satisfied its relevant technical requirements and dependencies with other groups.

Thanks,

-Anssi (Devices and Sensors WG co-chair)

🏷️ **aphillips** added `CR` `REVIEW REQUESTED` labels on 15 Oct

📋 **aphillips** added this to Review requested in Review radar on 15 Oct

👤 **r12a** assigned **himorin** on 24 Oct

📋 **r12a** moved this from Review requested to In review in Review radar on 24 Oct

himorin commented on 29 Oct   Member   + 😊   ...

Check states of four specifications on automation sections, see **no** item relates to natural language, user input, date/time, nor cultural norms. All values are defined in SI units or normalized (by means of vector/matrix).

---

detail notes:

Generic sensor

- No handling of natural language or user input
- This defines framework, mock sensors does not define return value syntax (nor unit), data formats

Assignees   ⚙️

👤 himorin

Labels   ⚙️

`CR`
`REVIEW REQUESTED`
`close?`

Projects   ⚙️

📋 Review radar
Completed ▾

Milestone   ⚙️

No milestone

Notifications   Customize

🔇 Unsubscribe

You're receiving notifications because you're watching this repository.

3 participants

🔒 Lock conversation

📌 Pin issue ⓘ

↪️ Transfer issue

🗑️ Delete issue

Edit   New issue

⊙ Open   aphillips opened this issue on 9 Aug · 1 comment

aphillips commented on 9 Aug   Member   +😊 ···

The WHATWG publishes a Review Draft of the DOM Standard every six months. The HTML WG plans to take alternate Review Drafts to W3C Recommendation, starting with the current DOM Review Draft.

Once this process is established, we expect wide and horizontal review to happen on an ongoing basis as the DOM specification evolves in WHATWG space. For this first attempt we need to do things a little differently though, and so we're officially inviting wide and horizontal review of the June 2019 DOM Standard Review Draft [1].

Issues identified during wide and horizontal review should be filed directly on the WHATWG DOM repository [2], but please let the HTML WG have a pointer to the mechanism or place where you track your issues by email to public-html@w3.org.

We expect issues to be opened, discussed, and resolved in WHATWG space, but the HTML WG can provide an escalation point if one is needed. The WHATWG FAQ explains how to raise issues there [3].

We plan to open the CFC to adopt the DOM Standard Review Draft as W3C CR in early November, so would appreciate all you can do to turn around your review by the e possible).

If you have questions, or if we can provide any guidance on how to f let us know.

[1] https://dom.spec.whatwg.org/review-drafts/2019-06/
[2] https://github.com/whatwg/dom/issues/
[3] https://whatwg.org/faq#adding-new-features

Assignees   ⚙
🧑 bert-github

Labels   ⚙
LC
REVIEW REQUESTED

Projects   ⚙
▥ Review radar
Awaiting comment resoluti... ▾

Milestone   ⚙
No milestone

🏷 aphillips added LC REVIEW REQUESTED s:dom labels on 9 A

▥ aphillips added this to Review requested in Review radar or

▥ aphillips moved this from Review requested to In review in

👤 r12a assigned bert-github on 12 Sep

🏷 r12a removed the s:dom label on 9 Oct

tink   LJWatson commented on 17 Oct

We'd still appreciate your review by the end of this month if it's poss though, let me know.

🔖 LJWatson mentioned this issue on 28 Oct

DOM Standard (Jun 2019) review tracker #4
☑ 11 of 12 tasks complete

▥ r12a moved this from In review to Awaiting comment resol

---

classes are compared without Unicode normalization #793   New issue

⊙ Open   bert-github opened this issue on 1 Nov · 3 comments

bert-github commented on 1 Nov   +😊 ···

In 4.4. Interface Node, or more precisely:

https://dom.spec.whatwg.org/review-drafts/2019-06/#concept-getelementsbyclassname

> The comparisons for the classes must be done in an ASCII case-insensitive manner if root's node document's mode is "quirks", and in a case-sensitive manner otherwise.

The links define the comparisons to be code unit by code unit, respectively code point by code point, but do not say anything about normalization. Two classes from two different documents may thus be canonically equivalent according to Unicode and still not match under this definition of case sensitive comparison.

(Note: this comment is part of a review on behalf of the W3C I18N WG, but the I18N WG has not yet discussed the comment.)

🔖 bert-github mentioned this issue on 1 Nov

classes are compared without Unicode normalization #803   ⊙ Open

🏷 annevk added the i18n-tracking label on 1 Nov

annevk commented on 1 Nov · edited ▾   Member   +😊 ···

Historically the i18n WG has been supportive of not normalizing identifiers. I also doubt anyone would be interested in adding such complexity here.

Assignees
No one assigned

Labels
i18n-needs-resolution

Milestone
No milestone

Notifications   Customize
🔇 Unsubscribe
You're receiving notifications because you're watching this repository.

3 participants

仕様レビュー以外のi18n日常活動、組織間連携

レビュー以外に以下のような活動を行っています
- 各言語毎のグループを作り以下のような活動を行う
  - 言語で必要なレイアウト・組版の要求仕様のとりまとめ (Lreq – Language Requirements)
  - 実現されている仕様との齟齬解析 (gap-analysis)
- 各WGからの要請により仕様作成・改訂の議論において国際化の観点からコメントを行う
- 連携関係の他団体と仕様に関しての様々な議論を行う
  - W3C内WGで国際化の観点から変更が必要となったときも含め
  - Unicodeの文字クラスの改訂などなど

Text Layout Requirements for the Arabic Script

W3C Editor's Draft 20 November 2019

This version:
> https://w3c.github.io/alreq/

Latest published version:
> https://www.w3.org/TR/alreq/

Latest editor's draft:
> https://w3c.github.io/alreq/

Editors:
> Shervin Afshar (Netflix)
> Behnam Esfahbod (Quora/Virgule Typeworks)
> Mostafa Hajizadeh
> Najib Tounsi (Ecole Mohammadia d'Ingénieurs)
> Richard Ishida (W3C)

Participate:
> GitHub w3c/alreq
> File a bug
> Commit history
> Pull requests

Abstract

This document describes requirements for the layout and presentation of text languages that use the Arabic script when they are used by Web standards a technologies, such as HTML, CSS, Mobile Web, Digital Publications, and Uni

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Arabic & Persian Gap Analysis

W3C Editor's Draft 20 November 2019

This version:
> http://w3c.github.io/alreq/gap-analysis/

Latest published version:
> https://www.w3.org/TR/alreq-gap/

Latest editor's draft:
> http://w3c.github.io/alreq/gap-analysis/

Bug tracker:
> undefined (open bugs)

Editors:
> Shervin Afshar (Netflix)
> Richard Ishida (W3C)

Github:
> repository

Abstract

This document describes and prioritises gaps for the support of Arabic and Persian languages on the Web and in eBooks. In particular, it is concerned with text layout. It checks that needed features are supported in W3C specifications, in particular HTML and CSS and those relating to digital publications. It also checks whether the features have been implemented in browsers and ereaders. **This is a preliminary analysis.**

Language matrix

International typography on the Web

Languages and writing systems have varying typographic conventions, and users and content authors expect local conventions to be supported on the Web and in eBooks. This page provides a 'heat-map' indicating the degree to which missing support for local features impacts use of the Web. Viewed as a whole, the table gives an idea of the amount of work still to be done. Dark green means there's no problem; red means that, currently, issues with this feature make the language very difficult or impossible to use.

Across the top are feature categories; down the side are languages, listed by writing-system.

For the 80 languages currently listed, we see the following problem areas. This page is updated as information becomes available.

🟩	33	languages need work for advanced publishing
🟧	27	languages need work for basic features
🟥	1	languages don't work well on the Web
❓	41%	of cells still need investigation.

The matrix

Where a language name has a link, you can click on any cell in that row for more detailed information.

Column headers: summary, Vertical text, Bidirectional text, Characters, Fonts, Font styles, Glyph control, Cursive text, Transforms, Boundaries, Text decoration, Quotations, Inline annotation, Numbers, dates …, Order inline, Line breaking, Hyphenation, Align, justify …, Letter/word space, Lists, counters, Styling initials, Baselines, Other paragraph, Page layout, Notes, footnotes, Page no.s, heads …, Forms, interaction, Other pagination

script	language
Arab	Arabic*
	Urdu*
	Persian*
	Pashto*
	Sindhi*
	Kurdish*
	Saraiki*
	Uighur*
Beng	Bangla*
	Assamese*
	Manipuri*
	Chittagonian*
Cans	Inuktitut*
	Cree*
Cher	Cherokee*
Cyrl	Russian*
	Ukrainian*
	Uzbek*

🔍 I18n site search:

Review comment tracker

This page tracks comments made by the i18n WG on the specs of other WGs. It only shows tracker issues the i18n WG has not closed. (Issues may remain open in the i18n tracker even if closed by the other WG in their repo.)

The sections and items within those sections are ordered by the last modified date of the items in the *tracker* repository (not the discussions). The mostly recently changed items appear highest. The link on the left of each line links directly to the issue where the discussion is taking place. The date indicates when the *tracker* item was modified, and the right-hand column links to the issue used to track the discussion in the i18n-activity github repo.

There are 318 issues.

css-fonts

[css-fonts-4] Add `emoji` as a keyword to `unicode-range`	☐	Dec 10, 2019	829
[css-fonts] Should we start a registry for additional generic fonts?	☐	Dec 6, 2019	827
[css-fonts] limit local fonts to those selected by users in browser settings (or other browser chrome)	☐	Nov 12, 2019	809
[css-fonts] Don't require browsers to always match every generic font family to a concrete font family	☐	Nov 1, 2019	804
Incorporate mitigations for font based fingerprinting	☐	Oct 30, 2019	797
Don't ignore non-system fonts	🟥 🟪	Oct 30, 2019	796
[css-fonts] What does fangsong map to for non chinese text	☐	Oct 17, 2019	785
[css-fonts] Specify what generic font family maps to nastaliq	☐	Oct 17, 2019	784
[css-fonts] Vertical text doesn't play nicely with font-style and font-stretch	☐	Jul 1, 2019	716
[css-fonts] font-family:monospace isn't a good fit for authors' desire	☐	Apr 1, 2019	661
[css-fonts] Font-family name matching requires full Unicode case comparison	🟩	Feb 28, 2019	641
[css-fonts] Propose adding lang as a font-face descriptor	🟩	Dec 3, 2018	615
[css-text] Clarify what ligatures are optional #2644	☐ 🟩	May 9, 2018	565
[css-fonts] Handling of Standardized Variation Sequences #1710	☐	Apr 1, 2018	551
Specifying changes to parameters for fallback fonts	☐	May 19, 2016	152

css-ruby

|			
[css-ruby] Adjacent overhanging ruby text should not run together in scripts with spaces between words (e.g. Latin)	☐	Nov 24, 2019	822
[css-ruby-1] ruby overhang control	☐	Nov 14, 2019	818

Filter results

Click to show items with that label only:

🟥 Pending

🟧 Advice requested

🟧 Needs review

🟪 Needs resolution

☐ Tracker

🟨 Waiting

🟩 Close?

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Add phonetic name as one of `PaymentAddress` properties
#837
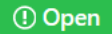
🛈 **Open**   **agektmr** opened this issue on 25 Feb · 6 comments

---

agektmr commented on 25 Feb   +😊 ⋯

Apple recently decided to [add support](#) for phonetic name in its Payment Request API's `PaymentAddress` object.

In Japan, people use 3 different characters - Kanji, Hiragana and Katakana. Texts are usually written in mixture of those 3 characters. While Kanji is written for content words, Hiragana and Katakana (they are equivalent different shapes) are written for phonetics. Names written in Kanji needs accompanying Hiragana or Katakana in order to be pronounced properly. That's where phonetic name field helps. They exists commonly in checkout forms in Japanese ecommerce services.

Therefore, I would like to propose to add DOMString `phoneticName` as a member of `PaymentAddress` object.

✏️ 👤 **agektmr** changed the title ~~Add phonetic name as one of address object~~ Add phonetic name as one of `PaymentAddress` properties on 25 Feb

---

marcoscaceres commented on 25 Feb   Member   +😊 ⋯

Could definitely add it in 1.1... This is similar to discussion we had here: #480

@agektmr, any idea what the attribute is? If not, @aestes will let us know :)

---

marcoscaceres commented on 25 Feb   Member   +😊 ⋯

Correction: just wanted to confirm `phoneticName` is what Safari added. If so, then yeah... super easy to add.

Assignees   ⚙

No one—assign yourself

Labels   ⚙

Future Candidate Feature

i18n-tracker

Projects   ⚙

📋 Payment Request 1.1

To do ▾

Milestone   ⚙

No milestone

Notifications   Customize

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utr53

Use of CGJ		🟪	Oct 4, 2017	498
UAOA is not clear about justification and scope		⬜🟪	Oct 4, 2017	496
How much can be fixed using font rules or CGJ?		🟨🟪	Sep 27, 2017	493
Shadda display position		🟪	Sep 27, 2017	491

Use of CGJ #498

Edit | New issue

🔴 Open **r12a** opened this issue on 4 Oct 2017 · 3 comments

---

r12a commented on 4 Oct 2017 · edited ▾　　Member ＋😊 ⋯

4.2 Override Mechanism for Exceptions
http://www.unicode.org/reports/tr53/

> The default display order implemented by the UAOA will be correct for most uses. However, these are situations where a different mark order is desired. In these cases, U+034F COMBINING GRAPHEME JOINER (CGJ) can be used to achieve the desired display order.

Question:
It isn't really clear to me, but i'm guessing that the expectation is that content authors will use the CGJ in their content prior to application of the UAOA rules, rather than as an additional step in ordering text per the UAOA rules.

Editorial suggestion:
If that assumption holds, I'm surprised that the UAOA algorithm in section 3.2 doesn't mention that CGJ is a non-starter. For example, the step "Move any shadda characters ... to the beginning of S" should presumably not apply to a shadda that is preceded by CGJ.

🏷 🖼 **r12a** added `pending` `s:utr53` labels on 4 Oct 2017

---

behnam commented on 14 Oct 2017　　Member ＋😊 ⋯

I submitted a long individual feedback. Here's the part related to this issue:

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4. Consequences of the Algorithm: Semantics

With UAOA applied on text during rendering, some strings collapse into a single sequence. Basically, there are plenty of strings X and Y, where toNFC(X) ≠ toNFC(Y), but UAOA(toNFC(X)) = UAOA(toNFC(Y)).

Assignees ⚙
No one—assign yourself

Labels ⚙
`needs-resolution`
`s:utr53`

Projects ⚙
None yet

Milestone ⚙
No milestone

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