

# **Report from the TC39 Secretariat**

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*Seattle*

## Overview

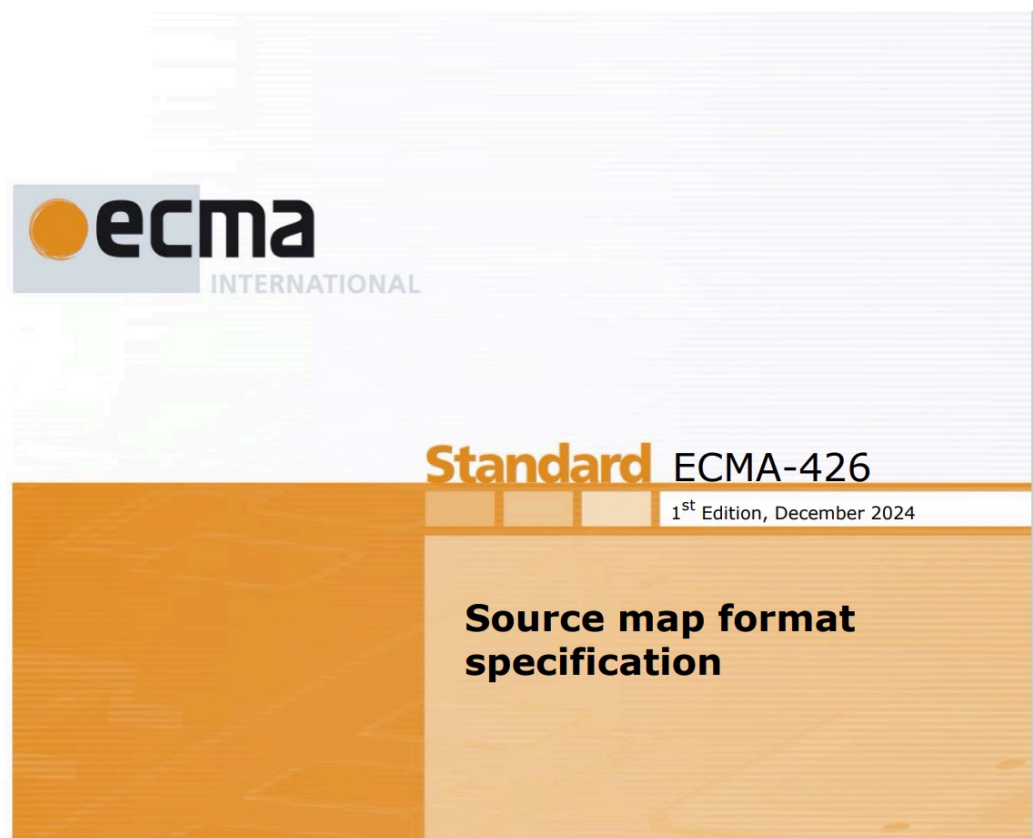
- TC39-TG4 Source maps new Standard approved
- New TCs approved TC55 and TC56
- New Ecma Management
- ExeCom review proposal to GA (5-6 March)
  - Ecma-262 16th edition
  - Ecma-402 12th edition
- W3C
  - Horizontal review
- IETF
  - Liaison

## Annex slides:

- Invited Expert
- Code of Conduct
- List of latest relevant Ecma TC39 and GA documents
- Next TC39, GA and ExeCom meeting dates

## 2024 December GA Approval

***Congratulations!***



## Web-interoperable server runtimes

### Scope:

To define, refine, and standardize a “minimum common API” surface, along with a verifiable definition of compliance to that API, that is useful for improving interoperability across multiple ECMAScript environments which expand beyond web browsers, specifically web servers. The minimum common API does not replace or modify existing standards; all development efforts on other standards are carried out within their respective associated standards body.

In addition, TC55 may standardize new APIs that do not overlap with existing web platform APIs, specifically for capabilities that are relevant to server and server-like ECMAScript environments (such as general purpose web servers), such as interactions with host environments, e.g., command-line arguments and environment variables.

To aid in achieving these objectives, TC55 operates under the [Royalty-Free Patent Policy](#).

### Contacts:

*Chair: Luca Casonato (Deno Land)*

*Vice-Chair: Andreu Botella (Igalia)*

*Secretaries: **Aki Rose Braun** (Ecma International) and Samina Husain (Ecma International)*

## Natural language interaction protocol for communication with Artificial Intelligence (AI) agents

### Scope:

- The TC specifies a common protocol, framework and interfaces for interactions between AI agents using natural language while supporting multiple modalities.
- The framework for communication will include non-AI systems (e.g. clients on phones or hand-held devices without access to Large Language Models (LLMs)) talking to AI-agents (using generative AI, LLMs or traditional AI models), as well as interaction between two or more AI agents.
- The framework will specify conventions and best practices for end-points to enable secure and efficient implementations of the protocol.

To aid in achieving these objective, TC56 operates under the [Royalty-Free Patent Policy](#).

### Contacts:

*Chair: Dinesh Verma (IBM)*

*Vice-Chair: Elisa Bertino (Purdue University)*

*Secretaries: Patrick Luthi (Ecma International) and Luyi Xing (Indiana University)*

## Ecma Officers for 2025

### Management

- President: Daniel Ehrenberg (Bloomberg)
- Vice-President: Jochen Friedrich (IBM)
- Treasurer: Luoming Zhang (Huawei)

### Executive Committee

Chair: Jochen Friedrich (IBM)

- Theresa O'Connor (Apple)
- Chris Wilson (Google)
- Mikhail Barash (University of Bergen)
- Patrick Dwyer (ServiceNow)
- Peter Hoddie (Moddable)
- Ross Kirsling (Sony Interactive Entertainment)

### **TC39 and IETF liaison:**

- TC39 liaison representative to IETF

### **Invited Experts**

- Review

### **W3C**

The Horizontal Review Groups:

- Accessible Platform Architectures Working Group
- Internationalization Working Group
- Privacy Interest Group
- Technical Architecture Group

ExeCom review proposal to GA  
ExeCom dates 5-6 March

- Ecma-262 16th edition
- Ecma-402 12th edition

# Annex



- *Ecma Invited Experts shall be a very small number of experts, who are needed to complete the Ecma work and whose contributions are regarded as exceptionally important. They participate free of charge in the work of a TC (including face-to-face meetings) on invitation by Ecma in an Ecma TC and may contribute to an Ecma standard.*
- *With Ecma Invited Experts there is no intention whatsoever to introduce a non-paying individual membership category. Therefore, Invited Experts in Ecma work should be regarded as exceptional and rare. It is encouraged that instead of Invited Experts the company / organization with whom the invited expert is affiliated with (if he has such relationship) becomes Ecma Member itself.*

## **From Ecma Rules 6.2.6**

- *Individuals can participate in the work of a TC as invited experts. They participate only at the invitation of the SG at the request of the TC. **They have no voting rights.** Invited experts shall comply with the Ecma policies and sign the appropriate form before participating. The invitation to participate may be withdrawn by the SG at any time.*

*To ensure a fair and balanced standards process, to avoid communication issues and unhappiness, and to promote inclusiveness.*

*This Code of Conduct is enforced within all spaces managed by TC39. This includes chat rooms and forums moderated by TC39, issue trackers on projects hosted by TC39, and TC39 events and meetings.*

*We are a community of professionals, and we conduct ourselves professionally. Be kind to others. Do not insult or put down other participants. Harassment and other exclusionary behavior are not acceptable.*

- *Be respectful*
- *Be friendly and patient*
- *Be inclusive*
- *Be considerate*
- *Be careful in the words that you choose*

*When we disagree, try to understand why*

## **Recommendations:**

- “Summary and Conclusion” of each contribution at the plenary meeting should be included both in the Minutes of the TC39 meeting and in the Technical Notes. It is needed for accurate meeting Minutes.
- *It is also convenient for all to see the key points and next steps as agreed by the committee during the plenary meeting.*
- Ideally the “Summary and Conclusion” text should be completed at the plenary with the support of the contributor and agreement of the committee.

*(As a reminder....)*

- GA documents provide general Ecma information (policy matters, activities of other TCs, liaison with other SDOs, etc.).
- GA documents are not automatically available to TC39 members. Ask your GA Representative for copy.
- Ecma TC39 documents are the “official” Ecma TC39 documentation within Ecma (both for “long-term archival” and as information to other Ecma TC and GA members).
- It is linked to TC39 as an Ecma TC (includes new formal Ecma members in TC39, status of ES20xx approval in Ecma etc.)

*There are overlaps to what is also available on TC39 GitHub*

• Ecma/TC39/2024/041	Agenda for the 104th TC39 meeting, Tokyo, October 2024 (Rev. 1)
• Ecma/TC39/2024/042	Report from the TC39 Secretariat, October 2024
• Ecma/TC39/2024/043	Responses to the Ecma Contribution License Agreement (CLA), 8 October 2024
• Ecma/TC39/2024/044	Slides and technical notes for the 104th TC39 meeting, October 2024 (Rev. 2)
• Ecma/TC39/2024/045	Final draft Standard "Source map" 1st edition
• Ecma/TC39/2024/046	Opt-out review period announcement for draft Standard "Source map" 1st edit
• Ecma/TC39/2024/047	TC39 chair group's report to the ExeCom, October 2024
• Ecma/TC39/2024/048	Venue for the 105th TC39 virtual meeting, December 2024
• Ecma/TC39/2024/049	Agenda for the 105th TC39 virtual meeting, December 2024 (Rev. 1)
• Ecma/TC39/2024/050	Minutes of the 104th TC39 meeting, Tokyo, October 2024
• Ecma/TC39/2024/051	Responses to the Ecma Contribution License Agreement (CLA), 29 Nov 2024
• Ecma/TC39/2024/052	Report from the TC39 Secretariat, November 2024 (Rev. 1)
• Ecma/TC39/2024/053	Final draft Standard "Source map format specification" 1st edition
• Ecma/TC39/2024/054	Slides and technical notes for the 105th TC39 virtual meeting, Dec 2024 (R 2)
• Ecma/TC39/2024/055	End of the opt-out review period for the draft Standard "Source map format"
• Ecma/TC39/2024/056	TC39 RF TC form signed by Cloudflare
• Ecma/TC39/2024/057	Minutes of the 105th TC39 virtual meeting, December 2024
• Ecma/TC39/2025/003	TC39 RF TC form signed by Consensus Software
• Ecma/TC39/2025/004	Responses to the Ecma Contribution License Agreement (CLA), 17 Feb 2025

- Ecma/GA/2024/135 2024 (Rev. 2) Final drafts planned to be submitted to the 128th General Assembly, December 2024
- Ecma/GA/2024/139 Final draft Standard "Source map" 1st edition
- Ecma/GA/2024/140 edition Opt-out review period announcement for draft Standard "Source map" 1st edition
- Ecma/GA/2024/141 Application of Cloudflare for Associate membership
- Ecma/GA/2024/147 Officers for 2025
- Ecma/GA/2024/154 Agenda for the 128th General Assembly, New York, December 2024
- Ecma/GA/2024/155 December 2024 Proxy form and voting Intentions for the 128th General Assembly, New York, December 2024
- Ecma/GA/2024/156 yet) Minutes of the ExeCom meeting, Geneva, 22-23 October 2024 (not available yet)
- Ecma/GA/2024/157 New proposal for TC56
- Ecma/GA/2024/159 New TC55 working model (Updated)
- Ecma/GA/2024/160 New proposal for TC55 (Updated)
- Ecma/GA/2024/162 Minutes of the 104th TC39 meeting, Tokyo, October 2024

- Ecma/GA/2024/163 Final draft Standard "Source map format specification" 1st edition
- Ecma/GA/2024/168 specification 1st edition End of the opt-out review period for the draft Standard Source map format
- Ecma/GA/2024/171 TC39 RF TC form signed by Cloudflare
- Ecma/GA/2024/176 Minutes of the 128th General Assembly, New York, December 2024
- Ecma/GA/2025/001 Ecma Web statistics for 2024
- Ecma/GA/2025/005 Name change of Runkit to Pax Andromeda
- Ecma/GA/2025/006 Application of The Apache Software Foundation for NFP membership
- Ecma/GA/2025/007 TC54 RF TC form signed by The Apache Software Foundation
- Ecma/GA/2025/008 Application of Socket for SPC membership
- Ecma/GA/2025/009 TC54 RF TC form signed by Socket
- Ecma/GA/2025/011 Agenda for the 106th TC39 meeting, Seattle, February 2025 (Rev. 1)
- Ecma/GA/2025/014 Application of Consensys Software for Associate membership
- Ecma/GA/2025/015 TC39 RF TC form signed by Consensys Software

# TC39 Plenary schedule 2025

Num	First Day	First Day	Last Day	Days	Location	Time Zone	Host
107th	Mon	2025-04-14	2025-04-17	4	Remote "Miami"	EDT	n/a
108th	Tue	2025-05-28	2025-05-30	3	A Coruña, Spain	CEST	Igalia
109th	Mon	2025-07-28	2025-07-31	4	Remote "Beaverton"	PDT	n/a
110th	Mon	2025-09-22	2025-09-25	4	Remote "New Orleans"	CDT	n/a
111th	Tue	2025-11-18	2025-11-20	3	Tokyo, Japan	JST	Bloomberg

- 6 meetings per-year
- 3 remote, 3 hybrid (one US, one Europe, one Asia)
- Remote meetings are up to four days  
...and sometimes we rejoice when we can end early and claim a day back
- In-person meetings are three days  
...to permit Monday/Friday as travel days



## **General Assembly:**

- **GA 129: 25-26 June 2025** (Geneva, Switzerland)
- **GA 130: 10-11 December 2025** (Hong Kong, TBD)

## **ExeCom:**

- **5-6 March 2025**, (Geneva, Switzerland)
- **8-9 October 2025**, (Geneva, Switzerland)

*Starting at 09:00. TC Chairs are invited to report on their activities.*

# Thank you