

# **Report from the TC39 Secretariat**

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# What has happened lately?

## A few points:

- *Status of TC39 meeting participation*
- *Latest standards download and access statistics*
- *ES2021 Schedule*
- *TC39 Management 2021*
- *New Ecma Website has been launched*
- *Status of Liaison agreement with CalConnect*
- *Brief Report from the December 2020 Ecma GA*
- *Next TC39, GA and ExeCom meetings*

# Recent TC39 Meeting participation

Meeting 2019-2020	Total	Local	Remote	Companies
July 19 Redmond	76	46	30	24
October 19 New York	70	46	24	26
December San Francisco	73	52	21	28
February 20 Honolulu	58	27	31	23
April 20 remote	73	0	73	28
June 20 remote	66	0	66	21
July 20 remote	76	0	76	28
Sept 20 remote	66	0	66	25
November 20 remote	62	0	62	22

## Ecma TC39 Standards download statistics 2020

	<b>Total ST 2020 all Ecma standards</b>	<b>67723</b>
<b>ECMA-262</b>	ECMAScript® Language Specification	30300
<b>ECMA-404</b>	The JSON Data Interchange Syntax	2710
<b>ECMA-402</b>	ECMAScript® Internationalization API Specification	881
<b>ECMA-414</b>	ECMAScript® Specification Suite	727

# ECMA-262 access and download statistics 2020

ECMA-262htm (access)		ECMA-262 (download)	
ST-262 5.1 edition	137026	ST-262 5.1 edition	324
ST-262 6th edition	197379	ST-262 6th edition	2743
ST-262 7th edition	61816	ST-262 7th edition	90
ST-262 8th edition	13483	ST-262 8th edition	91
ST-262 9th edition	20945	ST-262 9th edition	243
ST-262 10th edition	74271	ST-262 10th edition	12749
ST-262 11th edition	63046	ST-262 11th edition	12738
Total	567966		28978

ECMA-402htm (access)		ECMA-402 (download)	
ST-402 1st edition	13380	ST-402 1st edition	7
ST-402 2nd edition	3863	ST-402 2nd edition	4
ST-402 3rd edition	360	ST-402 3rd edition	4
ST-402 4th edition	727	ST-402 4th edition	4
ST-402 5th edition	240	ST-402 5th edition	10
ST-402 6th edition	2275	ST-402 6th edition	425
ST-402 7th edition	3900	ST-402 7th edition	427
TOTAL	24745		881

- **Formal approval by Ecma GA 121: 22-23 June 2021**  
(Montreux, Switzerland, Ecma, TBD)
- - 2 months = 22 April 2021: Publication of ES2021 final specification for vote by the Ecma Secretariat
- - minimum 2 months = 22 April 2021: Start of the RF IPR Policy required "Opt-out" period on a "frozen" draft ES2021
- **TC39 approval of the ES2021 specification e.g. at a March (#2)-April 2021 (#3) TC39 meeting or by a TC39 letter ballott (e.g. for 2-3 weeks)**

- **Ecma Rules 6.2.9:**

*“The Chairman and Vice-Chairman, having been elected from among the member company representatives, hold office for a term of 12 months and are eligible for re-election.”*



- **Proposed management at the Nov. 2020 TC39 meeting:**
  - Aki Rose Braun
  - Brian Terlson
  - Rob Palmer
  - Facilitators: Yulia Startsev and Myles Borins

- [www.ecma-international.org](http://www.ecma-international.org) (no URL change)
- We need a final adjustment of the TC39 text
- We need a good separation and harmonization of content between TC39.es, TC39 GitHub and the Ecma website
  - *e.g. draft TC39 standards on the TC39.es site, approved TC39 standards on the Ecma website*
  - *The webmasters of the two sites should co-operate on these*
- What else do we have of other TC39 web and IT resources that needs harmonization?

- **Liaison relationship with CalConnect formally not yet concluded**
  - *Problem: TC39 has RF patent policy, CalConnect has FRAND patent policy. There seems to be willingness to extent in CalConnect the patent policy to RF – but takes time. We suggested the TC39 practice: make and “Experimental Policy” first, and if that works one can make it to formal CalConnect policy. No answer on that yet.*

First Day	Last Day	Location	Timezone	Days
2021-01-25	2021-01-28	"SF"	PT	4
2021-03-09	2021-03-10	Remote	PT	2
2021-04-19	2021-04-22	"NY"	ET	4
2021-05-25	2021-05-26	Remote	PT	2
2021-07-13	2021-07-16	"Tokyo"	JST	4
2021-08-31	2021-09-01	Remote	ET	2
2021-10-25	2021-10-28	"London"	GMT	4
2021-12-14	2021-12-15	Remote	PT	2

- **Short meeting**
- **Approved new Ecma members interested in TC39:**
  - *SATT AI Lab for SPC membership (GA/20/118, GA/20/119)*
  - *Coinbase for Associate membership (GA/20/121, GA/20/122)*
  - *RunKit (formerly Stripe, GA/20/081) to change their membership class from Ordinary member to SPC member.*

- **Income for 2021 = CHF 1'134'500**  
**Budget = CHF 1'308'900**  
**Deficit = CHF 174'900**
- **With estimated expenses for 2020 should be in the amount of CHF 1'035'986 with a surplus of CHF 255'514 assuming that the outstanding membership dues are received.**
- **Approval of Membership Fee 2021 (GA/20/111)**
- **The GA unanimously approved the unchanged Membership level for 2021 (70'000 CHF for Ordinary Members).**

- **Management:**

- *As President:* *Isabelle Valet-Harper (Microsoft)*
- *As Vice-President:* *Joel Marcey (Facebook)*
- *As Treasurer:* *Jochen Friedrich (IBM)*

- **The ExeCom members:**

- *Chairman:* *Jochen Friedrich (IBM)*
- *From the Ordinary members:*
- *Sonal Bhoraniya (Google)*
- *From the Non-Ordinary members:*
- *Koji Fusa (GVE)*
- *Touradj Ebrahimi (EPFL)*

- **GA 121:** 22-23 June 2021 (Montreux, Switzerland, Ecma, TBD)
- **GA 122:** 8-9 December 2021 (Asia, TBD)



# ExeCom Meetings (remote of face-to-face?)

- **7-8 April 2021**, "Geneva" (remote), starting at 9:00. TC Chairs are invited.
- **6-7 October 2021**, Geneva, starting at 9:00. TC Chairs are invited.

- **Thank You for your attention!**



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