

Report from the Ecma Secretariat

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What has happened lately?

A few points:

- *Download of Ecma Standards – List of the most popular standards: « ECMAScript First! »*
- *TC39 standards « publication issues »*
- *IT Web matters and where help is needed*
- *Status of ISO/IEC JTC1 Fast-tracks: « Mission completed »*
- *Status of European Commission « Identification » of ECMAScript: « Mission completed »*
- *Increased discussions about TC39 matters in the Ecma GA and ExeCom*
- *ExeCom has proposed to the GA the « Ecma Fellow » Recognition Award*
- *Possible other awards applications*

Download of Ecma Standards

Jan 1 - March 31, 2018

Standard	Download	
• ECMA-262 ECMAScript Language Specification	5535	
• ECMA-376 Office Open XML File Formats, all parts and editions		2948
• ECMA-404 The JSON Data Interchange Format	770	
• ECMA-335 Common Language Infrastructure (CLI)		741
• ECMA-334 C# Language Specification	710	
• ECMA-414 ECMAScript® Specification Suite 2nd edition (December 2016)		351
• ECMA-6 7-Bit Coded Character Set 6 th edition	316	
• ECMA-48 Control Functions for Coded Character Sets, 5th edition		264
• ECMA-74 Measurement of Airborne Noise Emitted by ICT Equipment		187
• ECMA-402 ECMAScript Internationalization API	180	
• ECMA-372 C++/CLI Language Specification	150	
• ECMA-415 NFC-SEC Test Methods (December 2016)		141
• ECMA-408 Dart Programming Language Specification		136
• ECMA-328 Determination of Chemical Emission Rates from Electronic Equipment		115
• ECMA-363 Universal 3D File Format, 1st edition to 4th edition	104	
• ECMA-119 Volume and File Structure of CDROM for Information Interchange		99
• ECMA-388 Open XML Paper Specification	95	
• ECMA-370 TED , 4th edition	77	
• ECMA-269 Services for CSTA Phase III, 8th edition		75

- *List of the most popular standards for downloads in 2018 (January 1 – March 31):*

Standard	Downloaded
• ECMA-269 Services for CSTA Phase III, 8th edition	75
• ECMA-287 Safety of electronic equipment, 2nd edition (December 2002)	73
• ECMA-130 Data Interchange on Read-only 120 mm Optical Data Disks (CD-ROM)	62
• ECMA-367 Eiffel: Analysis, Design and Programming Language, 2nd edition (June 2006)	51
• ECMA-340 Near Field Communication Interface and Protocol (NFCIP-1)	44
• ECMA-167 Volume and File Structure for Write-once and Rewritable Media....	43
• Total ST:	16702
• ECMA-262 1st ECMAScript Language Specification	120
• ECMA-262 2nd ECMAScript Language Specification	48
• ECMA-262 3rd ECMAScript Language Specification	80
• ECMA-262 5th ECMAScript Language Specification	58
• ECMA-262 5.1 ECMAScript Language Specification	43
• ECMA-262 6 th ECMAScript Language Specification	64
• ECMA-262 7 th ECMAScript Language Specification	97
• ECMA-262 8 th ECMAScript Language Specification	5101
• Total ECMA-262:	5535

- *List of the most popular standards html access in 2018 (January 1 – March 31):*

- ECMA-262 ECMAScript Language Specification, 5.1th edition html version (page access) 35607
- ECMA-262 ECMAScript Language Specification, 6th edition html version (page access) 86838
- ECMA-262 ECMAScript Language Specification, 7th edition html version (page access) 16926
- ECMA-262 ECMAScript Language Specification, 8th edition html version (page access) 26583
- **Total ECMA-262: 165954**

- ECMA-402 ECMAScript Internationalization API, 1st edition html version (page access) 4189
- ECMA-402 ECMAScript Internationalization API, 2nd edition html version (page access) 611
- ECMA-402 ECMAScript Internationalization API, 3rd edition html version (page access) 147
- ECMA-402 ECMAScript Internationalization API, 4th edition html version (page access) 959
- **Total ECMA-402: 5906**

- *List of the most popular Technical Reports for downloads in 2018 (Jan 1 – March 31):*

Technical Report	Downloaded
TR	Download
• TR/106 Guidance and Comparison between 60950-1 and 62368-1	122
• TR/87 Using CSTA for SIP Phone User Agents (uaCSTA)	70
• TR/98 JPEG File Interchange Format (JFIF)	56
• TR/104 ECMAScript Test Suite 2 nd Edition	24

- Download of
- Ecma Memento 2018 (until March 31) : 140

This is all external download of the “public” version (without personal addresses).

Internally we always send out at the beginning of the year per email the full internal version (using mailing lists). This internal distribution reached about some 600 Ecma member participants.

To those who wish to get a printed copy (now done internally) we mail them. This is not a significant number.

- **We still need a quick solution for the html to PDF conversion for publishing ECMAScript standards for download. We have to improve the quality of ECMA-262 PDFs.**
- **We still need a quick solution to the conversion of the Github TC39 data into an “archival format” to be archived on the Ecma TC39 file depository. Ecma as SDO has long-term archival responsibility of all its standardization activities. It also helps later “standardization historians” (especially important on JavaScript as a leading world standard).**
- **The installed “twin” NAS for the Ecma International internal website works well. The two NAS work in parallel and in synch. High reliability, higher speed access.**
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- **Work has started to improve the TC39 webpages and to link better to the information in TC39 Github pages**
- **For the external user it should look like a harmonized entity of both sites (this is not given yet). Currently many things still confusing.**
- **Patrick Charollais is responsible for the web on the Ecma site. Please feel free to contact him and discuss with him what should be done. He is there to make the changes on the Ecma-web-site side.**

- All current fast-track projects are closed...
- ECMA-404 (JSON) as ISO/IEC IS approved end of 2017 and published as ISO/IEC 21778:2017(en) “Information technology — The JSON data interchange syntax”
- ECMA-414 (ECMAScript Specification Suite) has been approved in April 2018 by ISO/IEC JTC1 as ISO/IEC 22275 “Information Technology - ECMAScript® Specification Suite”
 - *Contains “undated” normative references (always last version counts...) to all ECMAScript standards and TRs*
 - *Needed because current yearly update of ECMAScript too fast for ISO/IEC JTC1 Fast tracks*
 - *To deal with the differences of the ISO/IEC RAND and Ecma RF patent policy standards-development regimes*

- **ECMA-402 (Internationalization API) has been “identified” in 2014 on the request to the EC to “identify” ECMAScript. This is a great recognission for TC39.**
- **No clear rules were for the “Identification maintenance” process. Ecma brought this up in the MSP (Sept. 2017). EC decided on a maintenance process.**
- **In April 2018 Ecma has submitted the maintenance request to the EC CAMMS team (TC39/2018/024).**
- **In May 2018 the EC CAMMS team decided (2018/026) that in this case the maintenance is not needed because of ECMA-414 = ISO/IEC 22275 (which is an “automatically recognized” international standard)**

- **We observe increasing discussions of various TC39 matters in the Ecma GA and ExeCom, which has two sides (Can be good but can also be bad depending on subjects and how they are presented and discussed)**
- **It is very important that the true voice of TC39 is present and represented in the GA and in the ExeCom:**
 - *In the GA all Ecma members can participate and contribute, only if there is formal voting only Ordinary Members can vote. Please send your representatives to the GA.*
 - *In the ExeCom TC Chairs are invited plus ExeCom has membership places still open. Open for Ordinary Members and limited to the rest. Please participate.*

ExeCom has elaborated the Ecma Fellow Recognition Award

- **Ecma/GA/2018/032 Proposal for an “Ecma Fellow” Recognition Award**
- **It has to be approved by the Ecma 2018 June 27 GA**
 - *Only a very few “Ecma Fellows” will get such a status*
 - *Must be proposed by the TCs*
 - *Must be approved by the GA*
 - *If a “fellow” wants to work in the work of the initiating TC as individual he may, but must obey the same rules and requirements as any Ecma member all his to the work relevant essential patents (SEPs) must be offered on a RF basis to Ecma*
- **TC39 can possibly nominate Ecma Fellows in July 18, approval by the 18 December GA**

- *No. 115: 27-28 June 2018 (Europe, Geneva, Ecma)*
- *No. 116: 12 December 2018 (North America; Host?)*

- *2-3 October 2018, Geneva, starting at 9:00. TC Chairmen are invited.*

- **Just to think about this? E.g.:**
 - *Is JavaScript (with the respective hardware and software) already good / strong/ fast enough to carry different type of video (streaming, conversational, downloaded), e.g. using MPEG2, MPEG4, ... AV1,...? If answer yes, we may thing to suggest to EMMY Awards (Technical-, Primetime Awards) for recognition*
 - *Submission of JavaScript (ECMAScript Standardization) to the 5th World Internet Conference in Wuzhen, China. Normally call for application comes in July, the Conference itself is in November / December. There are about 1000 applications, about 20 are selected. Will go as: **“Leading internet scientific & technological achievements released at 5th WIC”**. So far no one has tried with standards, we may apply with “ECMAScript Suite 2018”.*

- **Thank You for your attention!**



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