TIMESTAMP EXTENSION FORMAT FOR THE INTERNET

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IETF 111, JULY 2021
WAIT, WHO ARE YOU AGAIN?
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- ECMA TC39
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- ECMA TC39
  - Standardizing ECMAScript JavaScript
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  - Google, Microsoft, Bloomberg, PayPal, …
WAIT, WHO ARE YOU AGAIN?

- ECMA TC39
  - Standardizing ECMAScript, JavaScript
  - Google, Microsoft, Bloomberg, PayPal, …
- Temporal Champions Group
WAIT, WHO ARE YOU AGAIN?

• ECMA TC39
  ▪ Standardizing ECMAScript JavaScript
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  ▪ Standardizing Date
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  - Standardizing ECMAScript JavaScript
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  - Standardizing Date
  - Modern, ergonomic API for building date/time applications
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- ECMA TC39
  - Standardizing ECMAScript JavaScript
  - Google, Microsoft, Bloomberg, PayPal, …
- Temporal Champions Group
  - Standardizing Date
  - Modern, ergonomic API for building date/time applications
  - JavaScript veterans, Internationalization experts, …
HISTORY
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- Presented to DISPATCH in IETF 110
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- Temporal needs to add calendars to the mix
- Champions designed a format inspired by BCP 47
- Presented to CalConnect/ISO and CALEXT
- Presented to DISPATCH in IETF 110
- Follow-up discussions led to SEDATE
WHAT CHANGED?
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• Initially came with a very ambitious proposal
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• More realistic goals now
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- Draft underwent another round of reviews
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- now + 5 mo depends on the calendar
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  ▪ Borrowed the IANA Registry pattern
  ▪ key-value replaced with key=value for parsing
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  - key=value replaced with key=value for parsing
- Implemented in the Temporal polyfill, WIP in browsers
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• Plan to adopt this before shipping
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- Please review the draft and send us your thoughts
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• Let's adopt this as soon as we can!
THANKS