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Updates from the 95th TC39 meeting

#javascript

There were several items on the agenda, this post focuses on feature proposals and their progress from the 94th TC39 meeting.

Stage 3:

- <u>Explicit Resource Management</u>: Address a common pattern in software development regarding the lifetime and management of various resources (memory, I/O, etc.).
- <u>import attribute</u>: Import Assertions re-adanced to Stage-3. Proposal for syntax to import ES modules with assertions

Stage 2:

- <u>Async Context</u>: proposal is to provide a mechanism to ergonomically track async contexts in JavaScript.
- <u>Float16Array</u>: Float16 on TypedArrays, DataView, Math.f16round.
- <u>Iterator.range</u>: A proposal for ECMAScript to add a built-in Iterator.range()

Stage 1:

- <u>Await Dictionary</u>: A proposal to add Promise.ownProperties(), Promise.fromEntries()
- <u>Class Method Parameter Decorators</u>: Decorators for ECMAScript class method and constructor parameters
- <u>Promise.withResolvers</u>: Creates a Promise with the <code>reject</code>, <code>resolve</code> and <code>promise</code> functions placed as methods
 - on the promise object itself.
- <u>Time Zone Canonicalization</u>: TC39 Proposal (stacked on Temporal) to improve handling of changes to the IANA Time Zone Database.

<u>@gnumanth</u>

Elections for the 2023 TC39 Chair Group are complete 🎉

The Chairs this year are...

- <u>@SoftwareChrisGo</u> Chris de Almeida (IBM)
 - <u>@robpalmer2</u> Rob Palmer (Bloomberg)
 - <u>@ryzokuken</u> Ujjwal Sharma (Igalia)

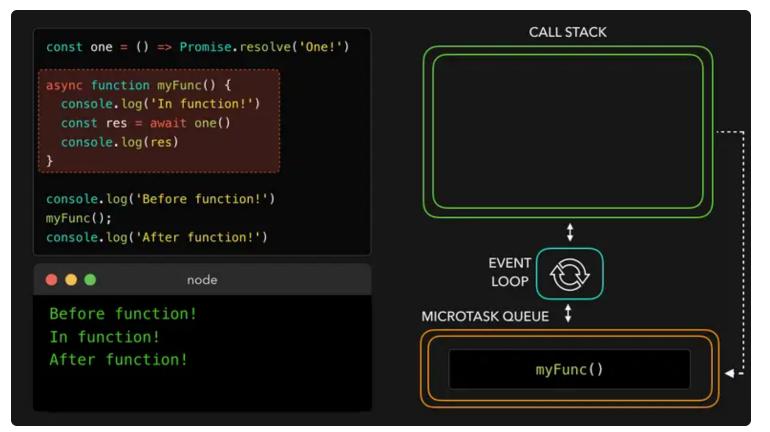
- TC39 (@TC39) March 22, 2023

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Visualizing Promises and Async/Await 🤯



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Just another curious 🐜

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Updates from the 92nd TC39 meeting #javascript #tc39 #ecmascript

Updates from the 91st TC39 meeting #javascript

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