

Agenda

- This keyword
 - This keyword with arrow function
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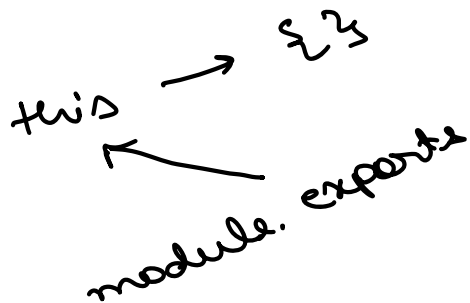
- "This" is a special keyword in JS that refers to the current execution context or the current object.
 - It's value depends on how the function is called rather than where it is defined.
 - "This keyword" value is calculated during run time.
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Node

global Object

Browser

window Object



Strict Mode is a JS option. It is set for JS Engine to follow some additional rules. Basically, it will start throwing errors for code that is normally not.

- 1) Enhanced security
- 2) Cleaner code
- 3) Better error handling

"use strict";

Start of the file

Strict

Non-Strict

1) console.log (true) $\Sigma 3$

2) fn \rightarrow global

3) obj \rightarrow fn \rightarrow obj

4) obj \rightarrow fn \rightarrow fn \rightarrow global

1) console.log (true) $\Sigma 3$

2) fn \rightarrow undefined

3) obj \rightarrow fn \rightarrow obj

4) obj \rightarrow fn \rightarrow fn \rightarrow undefined

1) console.log (true)

2) fn \rightarrow window

3) obj \rightarrow fn \rightarrow obj

4) obj \rightarrow fn \rightarrow fn \rightarrow window

1) console.log (true)

2) fn \rightarrow undefined

3) obj \rightarrow fn \rightarrow obj

4) obj \rightarrow fn \rightarrow fn \rightarrow undefined

Arrow functions are special. They don't have their own `this` keyword. If we reference `"this"` from an arrow function then it's taken from the "outer" normal function.