

InvalidArgumentError

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InvalidArgumentError

Kind: Class

Source: `lib/error.js`

InvalidArgumentError class

`InvalidArgumentError` represents an error raised when a caller passes an argument that does not meet an API's expected requirements. It lets validation code communicate argument-related failures distinctly from other error types.

Extends: `CommanderError`

Diagram

```
graph LR
  A[Caller input] --> B[Argument validation]
  B -->|Invalid argument| C[InvalidArgumentError]
  C --> D[Caller handles error]
```

Usage

```
import { InvalidArgumentError } from './lib/error.js';

function setTimeoutDelay(delay) {
  if (typeof delay !== 'number' || delay < 0) {
    throw new InvalidArgumentError('delay must be a non-negative number');
  }

  return delay;
}

try {
  setTimeoutDelay(-1);
} catch (error) {
  if (error instanceof InvalidArgumentError) {
```

```
    console.error(error.message);  
  } else {  
    throw error;  
  }  
}
```

AI Coding Instructions

- Throw `InvalidArgumentError` when validation fails because of an invalid caller-supplied argument.
- Include an error message that identifies the invalid argument and the expected constraint.
- Check for this class with `instanceof InvalidArgumentError` when callers need argument-specific handling.
- Keep argument validation close to the public API boundary before processing the input.

Used by

3 references from 3 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (3)

- `program` — `index.js` :7
- `Argument` — `lib/argument.js` :3
- `Option` — `lib/option.js` :3