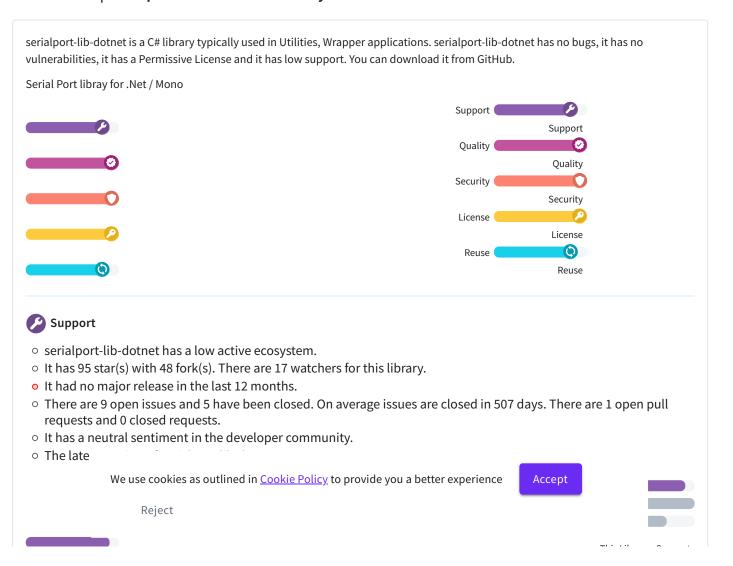
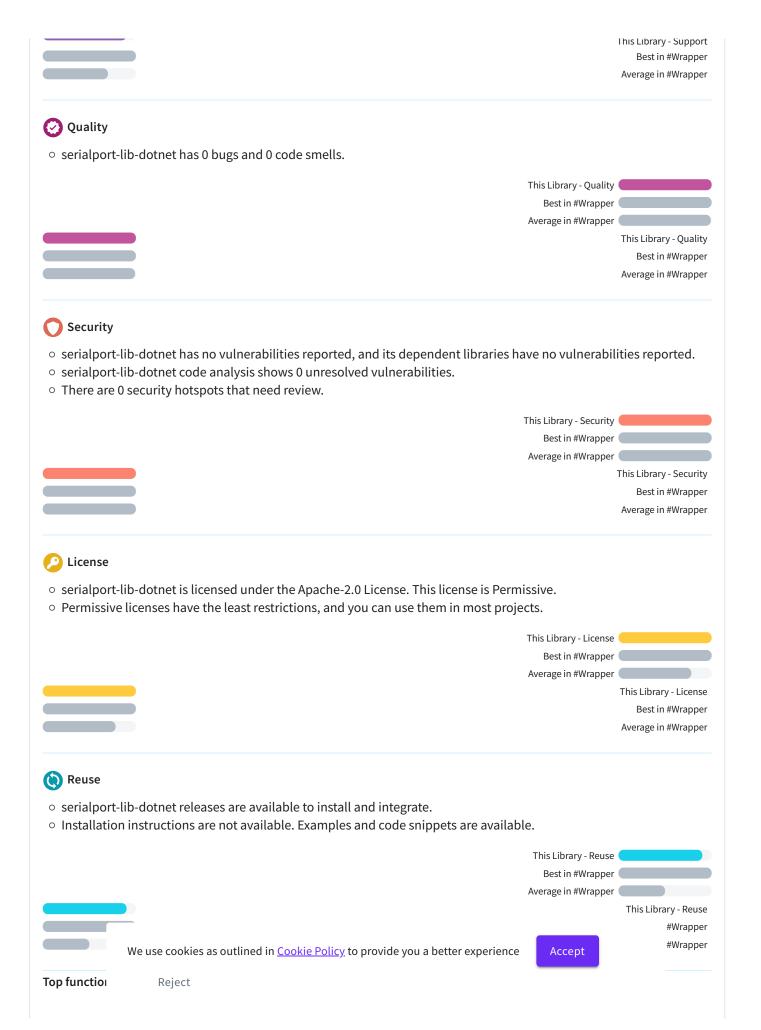


kandi X-RAY | serialport-lib-dotnet Summary





Coming Soon for all Libraries!

Currently covering the most popular Java, JavaScript and Python libraries. See a SAMPLE HERE.

kandi's functional review helps you automatically verify the functionalities of the libraries and avoid rework.

serialport-lib-dotnet Key Features

- Easy to use
- Event driven
- Hot plug
- Automatically restabilish connection on error/disconnect
- Compatible with Mono
- It overcomes the lack of DataReceived event in Mono

serialport-lib-dotnet Examples and Code Snippets

See all related Code Snippets >

```
.Net Standard 2.0 notes

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Unable to load shared library 'libnserial.so.1' or one of its dependencies.
```

See all related Code Snippets >

Community Discussions

Trending Discussions on Wrapper

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How to call destructor of C++ class safely from a Python wrapper class using ctypes?	
Decorator to output average of historical inputs and outputs to function	>
Is it possible to wrap a function so that the wrapper has the same arguments plus another argument which is situated after these arguments?	>
How to get wrapper creating and saving figure, around plot function?	>
str wrapper in custom Exception	>
How to implement a multiprocessing python decorator?	>
wrapping a C printf() call in a preprocessor directive	>
Why is fortran wrapper needed in C programming?	>

Trending Discussions on Wrapper

How Could I Create An Element Wrapper In Javascript?

Try Each Function Of A Class With Functools.Wraps Decorator

How To Call Destructor Of C++ Class Safely From A Python Wrapper Class Using Ctypes?

Decorator To Output Average Of Historical Inputs And Outputs To Function

Is It Possible To Wrap A Function So That The Wrapper Has The Same Arguments Plus Another Argument Which Is Situated After These Arguments?

How To Get Wrapper Creating And Saving Figure, Around Plot Function?

__str__ Wrapper In Custom Exception

How To Implement A Multiprocessing Python Decorator?

Wrapping A C Printf() Call In A Preprocessor Directive

Why Is Fortran Wrapper Needed In C Programming?

QUESTION

How could I create an element wrapper in Javascript?

Asked 2022-Mar-31 at 22:44

For pure educational and curiosity purposes, I am trying to create an element-wrapper object that allows me to tack-on my own properties and methods to an element. The behavior I'm trying to simulate is basically this:

```
console.log(this.customName);
}

// ...
// ...somehow inherit element fields...
// ...
}

// wrap the button element
const customElement = new wrap(button);

// custom behavior:
console.log(customElement.customAge) // output => 100
customElement.printName() // output => 'John'

// legacy behavior
console.log(customElement.clientHeight) // output => client height
customElement.remove() // => should still call 'remove' on the element
```

So, here I should be able to add my own methods/properties but still access the original fields normally. Is this even possible?

I'm using a constructor function here as an example just to demonstrate the intended behavior, but I don't actually know if this would be relevant for the solution. I'm new to Javascript and I have done a ton of research on prototypes and classes, but I'm still confused on what approach I would take here.

Edit: As Brad pointed out in the comments, I also tried this implementation using classes:

```
class MyButton extends HTMLButtonElement {
    constructor() {
        super();
        this.customName = 'John';
        this.customAge = 100;
    }
    printName() {
        console.log(this.customName);
    }
}
const myBtn = new MyButton();
```

But this resulted in the error: Uncaught TypeError: Illegal constructor

ANSWER Answered 2022-Mar-31 at 21:53

I haven't test this, but maybe something like this:

```
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// get
const Reject

// some function that wraps new properties/methods around a given element
```

function wrap(element) { Object.defineProperties(element, { customName: {value:"John"}, customAge: {value:100}, printName:{value: () => console.log(element.customName)} }) return element } // wrap the button element const customElement = wrap(button); // custom behavior: console.log(customElement.customAge) // output => 100 customElement.printName() // output => 'John' // legacy behavior console.log(customElement.clientHeight) // output => client height customElement.remove() // => should still call 'remove' on the element <button>Hello world!</button> Source https://stackoverflow.com/questions/71699506

Community Discussions, Code Snippets contain sources that include Stack Exchange Network

Vulnerabilities

No vulnerabilities reported

Install serialport-lib-dotnet

You can download it from GitHub.

Support

For any new features, suggestions and bugs create an issue on <u>GitHub</u>. If you have any questions check and ask questions on community page <u>Stack Overflow</u>.

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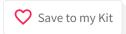
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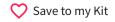
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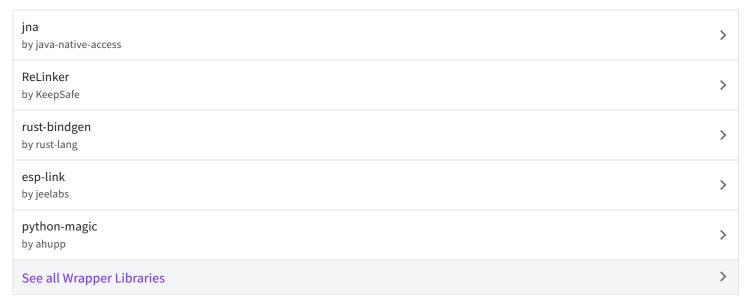
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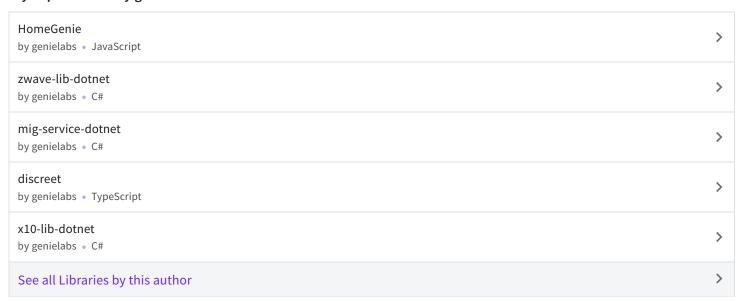
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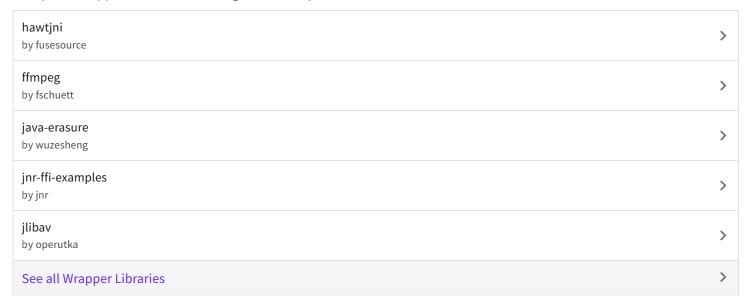
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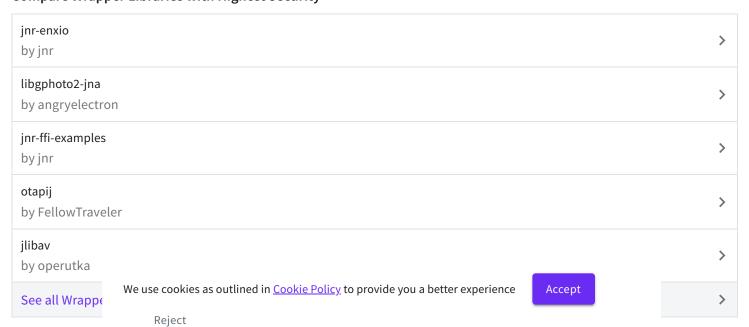
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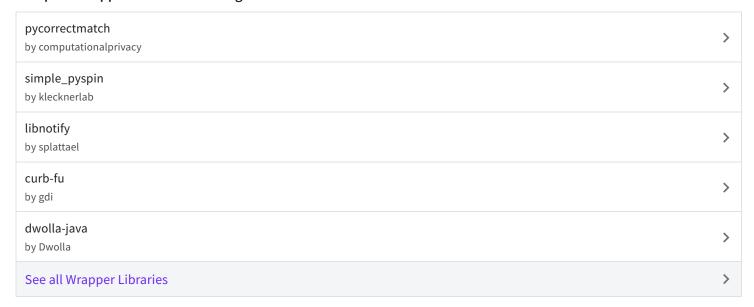
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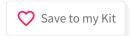
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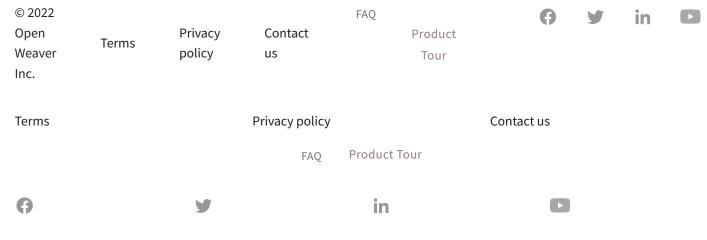
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