

# @push.rocks/smartrestic

A module that packages restic for easy use and integration in Node.js projects.

- [readme.md for @push.rocks/smartrestic](#)

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a modules packaging restic

## Install

To install `@push.rocks/smartrestic`, you need to have Node.js installed on your system. Once you have Node.js and npm (Node.js package manager) set up, installing `@push.rocks/smartrestic` is straightforward. Simply open your terminal (Command Prompt, PowerShell, or any Linux/Mac terminal), and run the following command:

```
npm install @push.rocks/smartrestic --save
```

This command will download `@push.rocks/smartrestic` and its dependencies, making it available for use within your project.

## Usage

`@push.rocks/smartrestic` is a module designed to enhance the interaction with restic, a modern backup program that can back up your files to various types of storage. This guide will walk you through the usage of `@push.rocks/smartrestic` providing code examples in TypeScript to ensure you can leverage its functionalities effectively.

## Setting Up

Before diving into the examples, ensure you are set up to use TypeScript and have `@push.rocks/smartrestic` installed in your project. Create a new TypeScript file (e.g., `ExampleUsage.ts`) and import the necessary modules as shown below:

```
import * as smartrestic from '@push.rocks/smartrestic';
```

## Basic Usage

Let's start with a basic example to demonstrate initializing and using the smartrestic module. The following snippet illustrates how to use the provided `demoExport` for a simple logging operation:

```
import { demoExport } from '@push.rocks/smartrestic';  
  
// Log the exported string to the console  
console.log(demoExport); // Should output: "Hi there! :) This is an exported string"
```

## Advanced Features

While the sample code provided offers a glimpse into utilizing `@push.rocks/smartrestic`, it is important to explore the module's advanced features for effective integration with restic. As of the current version, the module primarily serves as a scaffold for packaging restic-related functionalities.

To utilize restic efficiently within your Node.js projects, consider directly interacting with restic's command-line interface (CLI) through child processes in Node.js or leveraging additional modules that provide a higher abstraction level for restic operations. Keep an eye on the module's repository for updates and new feature releases.

**Note:** Since the package contents provided do not include direct restic functionality examples beyond a simple export, further details on advanced usage with restic are beyond the current scope and would be speculative.

## Contributing and Issues

If you encounter issues with `@push.rocks/smartrestic` or have suggestions for improvements, consider contributing to the project's repository on GitLab. Contributions, issue reports, and feature requests are welcomed to enhance the module.

To report an issue or contribute, visit the project's issues page on [GitLab](#).

## Conclusion

`@push.rocks/smartrestic` provides a packaging around restic, aiming to streamline the backup process in your Node.js applications. While the current functionality is foundational, the project is open to contributions and enhancements. By integrating `@push.rocks/smartrestic` into your development workflow, you pave the way for more robust and scalable backup solutions employing restic's powerful features. Keep an eye on the project's repository for future updates and additional functionalities.

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