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How does turning on the ignition... make a car start?



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It doesn't matter! It just works.

(We don't need to know what every part of the car is doing.
And that is alright)



UNFORTUNATELY :(

The **global standard** for developers is reading lengthy software manuals for **simple problems** that have been **solved countless times**.

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Problem: Code and
commands are unintuitive
and hard to remember.

Question:

How do you unzip a .tar file?

`'file_name.tar'`

(no... really...)

```
tar -xf file_name.tar
```

Now, what about tar.gz?

Demo Time!

CodeChest gets to
the point.

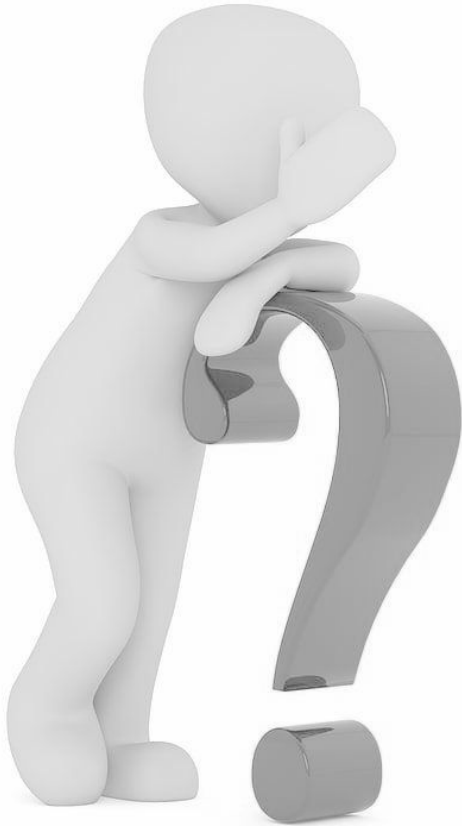
CodeChest gives you
INSTANT ACCESS
to the **PERFECT**
SOLUTION you are
looking for.



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It would help:

- new Developers
- Enterprises
- Experienced developers



Why Us?

- Not a Q&A based
- Gets to the point.
- Search-based tool, which searches by **task** rather than program

Technical Overview

Key Features

- Two types of Snippets, written in **Markdown**
 - **Code Snippets** - Reusable Code
 - **Command Snippets** - Example Usage
- Full-Text Search
 - Searches Description, Tags, and Categories
- Flexible Tag System
 - Filter snippets by tag
- Authoring Workflow
 - Create, Read, Update, Delete from within the web application.

***Markdown:** Easy human-readable markup language*



Technology Stack

CodeChest is built on web technologies:

- The web server is simple and inexpensive, built using **NodeJS** and **Express**.
 - Snippets are stored as plain text in **MongoDB**, using very little storage.
 - The website is served as pure HTML - No Javascript needed
 - Designed to be accessed anywhere
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Scalability

- MongoDB NoSQL based data store
 - No hard limit on the number of 'snippets'.
 - Architecture allows for new snippet types
 - Code, Command, more in future
 - Code Snippets can be from any language
 - Not hardcoded - this does not require changes to code to add a new language
 - Primitive REST API - Can be expanded to support different types of clients (other than simple web server).
 - Mobile Apps, Command Line Utility, etc
-



Our Mission:

Our mission is to see CodeChest become a widely used developer resource. An Authoritative source for learning commands by example.

[Create code snippet](#)[Create command snippet](#)

Snippets

Code Snippet

JS: For Loop

```
for (let i = 0; i < cars.length; i++) {  
  // do something  
}
```

This code iterates once for each car in the array 'cars'.

Tags: [javascript](#) [forloop](#) [for](#) [loop](#) [iteration](#)

[View](#) [Edit](#) [Delete](#)

Command Snippet

tar: Unzip a tar.gz file

```
tar -xzf file_name.tar.gz
```

This command unzips a tar file that has been gzipped

Options

The options mean:

- z = gzip
- x = extract
- f = file