

Docogen Example

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Abstract

I went down to the river, I set down on the bank. I tried to think but couldn't, So I jumped in and sank.

- Generate a beautiful introduction paper with simple command.

1 Getting Start

Merging test

- Building your document and website together.
- New feature support. Next-line testing.

1.1 Why we create Docogen?

Why we create Docogen?

- Building your document and website together.
- Generate a beautiful introduction paper with simple command.

3 About us

2 Introduction

What is Docogen?

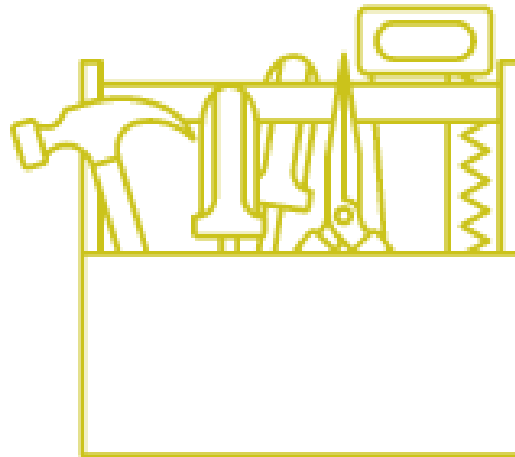
- Building your document and website together.
- New feature support. Next-line testing.

What is toolbuddy[2]?

2.1 Why we create Docogen?

Why we create Docogen?

- Building your document and website together.
- An group of good programmer that solve the problem!



ToolBuddy

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Figure 1: Relative ToolBuddy logo

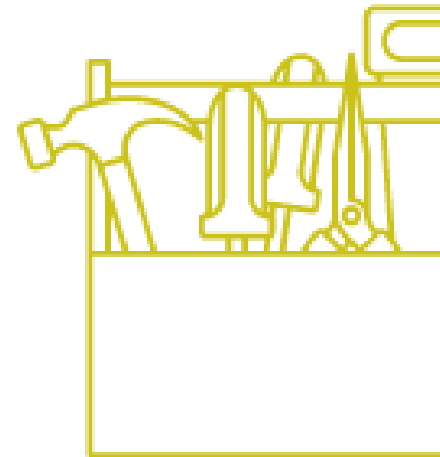
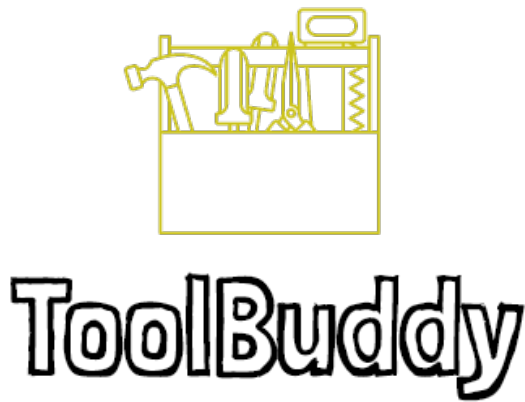


Figure 2: Absolute ToolBuddy logo

3.1 How to join toolbuddy?

The way:

- Just email to Kevin and pass your github ID and he will find you by himself!



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Figure 3: Sub Rel ToolBuddy logo

4 Different usage of content

List Structure

List Structure Example:

Demo

1. List 1

(a) List 1-1

(b) List 1-2

i. List 1-2-1

ii. List 1-2-2

A. List 1-2-2-1

(c) List 1-3

2. List 2

List

- Listing structure append

- New feature support.

5 Table Demo

Table 1		
Name	Age	Job
Kevin	23	programmer
Eric	22	student
Lu	24	engineer
Cyu	52	professor
Lai	50	soldier

6 Code listing Demo

Code listing 1

```
1 #include <stdio.h>
2
3 int main(){
4     return 0;}
```

Listing 1: C mini example

```
1 import numpy as np
2
3 def incmatrix(genl1, genl2):
4     m = len(genl1)
5     n = len(genl2)
6     M = None #to become the incidence matrix
7     VT = np.zeros((n*m,1), int) #dummy
8     #compute the bitwise xor matrix
9     M1 = bitxormatrix(genl1)
10    M2 = np.triu(bitxormatrix(genl2), 1)
11
12    for i in range(m-1):
13        for j in range(i+1, m):
14            [r, c] = np.where(M2 == M1[i, j])
15            for k in range(len(r)):
16                VT[(i)*n + r[k]] = 1;
17                VT[(i)*n + c[k]] = 1;
18                VT[(j)*n + r[k]] = 1;
19                VT[(j)*n + c[k]] = 1;
20
21    if M is None:
22        M = np.copy(VT)
23    else:
24        M = np.concatenate((M, VT
25    ), 1)
26
27    VT = np.zeros((n*m,1), int)
28
29    return M
```

Listing 2: Python example

7 Formula Demo

Formula 1

Now we will introduce the basic equation usage (in-line mode): $x^2 + y^2 = z^2$ Then we can see the display mode:

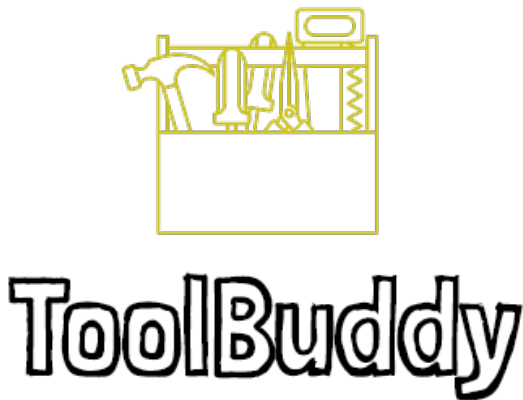
$$x^n + y^n = z^n$$

And about equation tag:

$$E = mc^2 \quad (1)$$

8 Image Demo

Image/Figure inside the content



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Figure 4: ToolBuddy logo

9 Web extension

Restful Api support

[Online] Register New User

Method: post
Url: <https://kevin.imslab.org/register>
Description: Enroll new user to local service
Parameter:

Field Name	Data Type
username	String
password	String
email	String

Error Msg: duplicated internal error
Success Msg: success

[Online] Checking mail

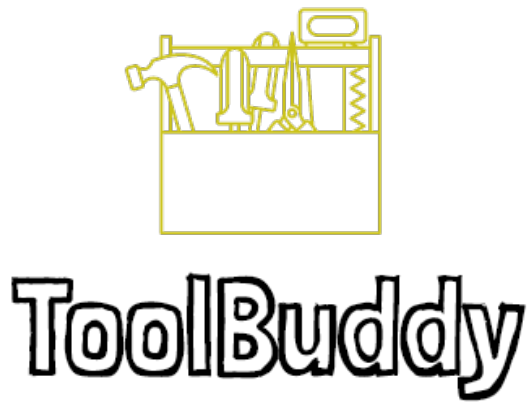
Method: get
Url: <https://kevin.imslab.org/checkmail>
Description: Enroll new user to local service
Parameter:

Field Name	Data Type
email	String

Error Msg: internal error
Success Msg: existed not found

10 Relative Image Demo

Image/Figure Relative Test



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Figure 5: Test ToolBuddy logo

References

- [1] Kevin Cyu, From NCKU, personal website:
<https://github.com/kevinbird61>
- [2] ToolBuddy, A good, non-profit organization.