



An Example of Using hustbeamer \LaTeX Template

Xu Cheng

Huazhong University of Science & Technology

July 1, 2013



Contents

1. Simple Test

2. Other Test



Simple Test

1. Simple Test

2. Other Test



Simple Test

First, simple test.



Simple Test

Font

1. Simple Test

1.1 Font

1.2 Equation

1.3 List Environment



Simple Test

Font

Normal **Bold** *Italic* Sans

The quick brown fox jumps over the lazy dog.



Simple Test

Font

Normal **Bold** *Italic* Sans

The quick brown fox jumps over the lazy dog.



Simple Test

Equation

1. Simple Test

1.1 Font

1.2 Equation

1.3 List Environment



Simple Test

Equation

Single equation, see 1.1.

$$c^2 = a^2 + b^2 \quad (1.1)$$

Multi-equations, see 1.2a and 1.2b.

$$F = ma \quad (1.2a)$$

$$E = mc^2 \quad (1.2b)$$



Simple Test

Equation

Single equation, see 1.1.

$$c^2 = a^2 + b^2 \quad (1.1)$$

Multi-equations, see 1.2a and 1.2b.

$$F = ma \quad (1.2a)$$

$$E = mc^2 \quad (1.2b)$$



Simple Test

Equation

Single equation, see 1.1.

$$c^2 = a^2 + b^2 \quad (1.1)$$

Multi-equations, see 1.2a and 1.2b.

$$F = ma \quad (1.2a)$$

$$E = mc^2 \quad (1.2b)$$



Simple Test

List Environment

1. Simple Test

1.1 Font

1.2 Equation

1.3 List Environment



Simple Test

List Environment - enumerate

1. Level 1

2. Level 1

2.1 Level 2

2.2 Level 2

2.2.1 Level 3

2.2.2 Level 3



Simple Test

List Environment - enumerate

1. Level 1
2. Level 1
 - 2.1 Level 2
 - 2.2 Level 2
 - 2.2.1 Level 3
 - 2.2.2 Level 3



Simple Test

List Environment - enumerate

1. Level 1
2. Level 1
 - 2.1 Level 2
 - 2.2 Level 2
 - 2.2.1 Level 3
 - 2.2.2 Level 3



Simple Test

List Environment - enumerate

1. Level 1
2. Level 1
 - 2.1 Level 2
 - 2.2 Level 2
 - 2.2.1 Level 3
 - 2.2.2 Level 3



Simple Test

List Environment - enumerate

1. Level 1
2. Level 1
 - 2.1 Level 2
 - 2.2 Level 2
 - 2.2.1 Level 3
 - 2.2.2 Level 3



Simple Test

List Environment - enumerate

1. Level 1
2. Level 1
 - 2.1 Level 2
 - 2.2 Level 2
 - 2.2.1 Level 3
 - 2.2.2 Level 3



Simple Test

List Environment - itemize

- Level 1

- Level 1

 - Level 2

 - Level 2

 - Level 3

 - Level 3



Simple Test

List Environment - itemize

- Level 1
- Level 1
 - Level 2
 - Level 2
 - Level 3
 - Level 3



Simple Test

List Environment - itemize

- Level 1
- Level 1
 - Level 2
 - Level 2
 - Level 3
 - Level 3



Simple Test

List Environment - itemize

- Level 1
- Level 1
 - Level 2
 - Level 2
 - Level 3
 - Level 3



Simple Test

List Environment - itemize

- Level 1
- Level 1
 - Level 2
 - Level 2
 - Level 3
 - Level 3



Simple Test

List Environment - itemize

- Level 1
- Level 1
 - Level 2
 - Level 2
 - Level 3
 - Level 3



Simple Test

List Environment - description

Description 1 Content 1

Description 2 Content 2

Description 3 Content 3



Simple Test

List Environment - description

Description 1 Content 1

Description 2 Content 2

Description 3 Content 3



Simple Test

List Environment - description

Description 1 Content 1

Description 2 Content 2

Description 3 Content 3



Other Test

1. Simple Test

2. Other Test



Other Test

Now here're some other tests.



Other Test

Code Highlight

2. Other Test

2.1 Code Highlight

2.2 Theorem

2.3 Algorithm



Other Test

Code Highlight

```
1  import os
2
3  def main():
4      '''
5      doc here
6      '''
7      print 'hello, world' # Abc
```



Other Test

Theorem

2. Other Test

2.1 Code Highlight

2.2 Theorem

2.3 Algorithm



Other Test

Theorem

Definition 2.1. This is a definition.

Proposition 2.1. This is a proposition.

Axiom 2.1. This is an axiom.

Lemma 2.1. This is a lemma.

Theorem 2.1. This is a theorem.

Proof. This is a proof.



Other Test

Algorithm

2. Other Test

2.1 Code Highlight

2.2 Theorem

2.3 Algorithm



Other Test

Algorithm

Algorithm 1: How to write algorithms

Data: this text

Result: how to write algorithm with \LaTeX 2e

```
1 initialization;
2 while not at end of this document do
3   read current;
4   if understand then
5     go to next section;
6     current section becomes this one;
7   else
8     go back to the beginning of current section;
9   end
10 end
```
