Demo 02: GTKWave

Eddy Yau

May 2, 2018

1   Introduction

1.1   Waveform

1.2   GTKWave

2   Preparation

2.1   Install

First, we install GTKWave. Open a terminal and install GTKWave via apt

```
$> sudo apt install iverilog
```

2.2   Create verilog source code

Create a verilog file as below:

Source Code 1: hello_world.v

```
1  module hello_world;
2  initial begin
3      display(Hello World!);
4      finish;
5  end
6  endmodule
```

2.3   Compile & Execute

```
$> iverilog -o hello_world.vvp hello_world.v
$> vvp hello_world.vvp
Hello World!
```