



Zephyr™ Project

Developer Summit

June 8-10, 2021 • @ZephyrIoT

Zephyr Developer Environments

Birds of a Feather Discussion



Zephyr™ Project
Developer Summit



Vim or Emacs?



Outline

- Structure
- Example
- Discussion



Presenter

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on GitHub and Zephyr Slack



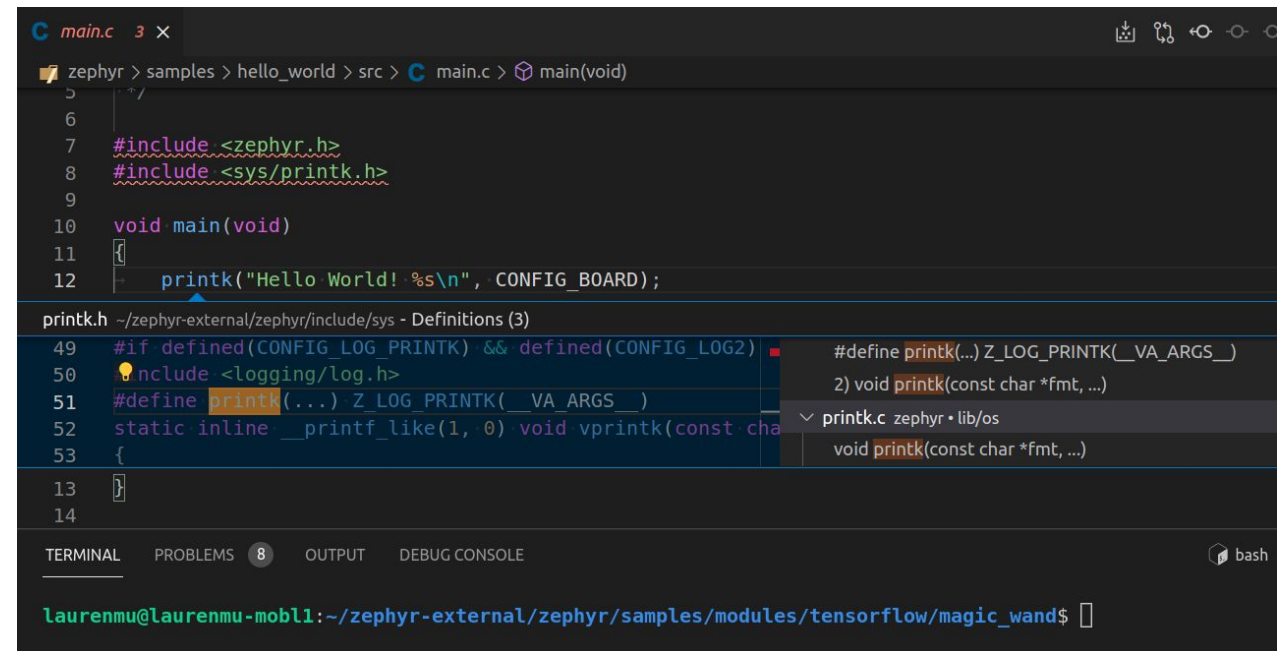
Host

Anas Nashif
nashif
on GitHub and Zephyr Slack

- IDEs, text editors, tools and operating systems
 - Or process, meetings, communication (e.g. Slack, mailing list, GitHub)
- Configurations, tweaks and hacks
- No formal agenda
 - One topic may lead to another
- Both users and maintainers can (and should) contribute

Example

- These are my Visual Studio Code extensions, what about yours?
 - GitLens
 - C/C++, CMake and CMake Tools
 - Hex Editor
 - Devicetree
 - VSCode-Icons and One Dark Pro
 - Python / Pylance
 - Overtyp
- What's in your .vscode folder?



```
main.c 3 x
zephyr > samples > hello_world > src > C main.c > main(void)
6
7 #include <zephyr.h>
8 #include <sys/printk.h>
9
10 void main(void)
11 {
12     printk("Hello World! %s\n", CONFIG_BOARD);
13 }
14

printk.h ~/zephyr-external/zephyr/include/sys - Definitions (3)
49 #if defined(CONFIG_LOG_PRINTK) && defined(CONFIG_LOG2)
50 #include <logging/log.h>
51 #define printk(...) Z_LOG_PRINTK( __VA_ARGS__ )
52 static inline __printf_like(1, 0) void vprintk(const char *fmt, ...)
53 {
13
14

TERMINAL PROBLEMS 8 OUTPUT DEBUG CONSOLE
laurenmu@laurenmu-mobl1:~/zephyr-external/zephyr/samples/modules/tensorflow/magic_wand$
```



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Let's go!



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