

# Linux Kernel Device Driver Development – Part 1

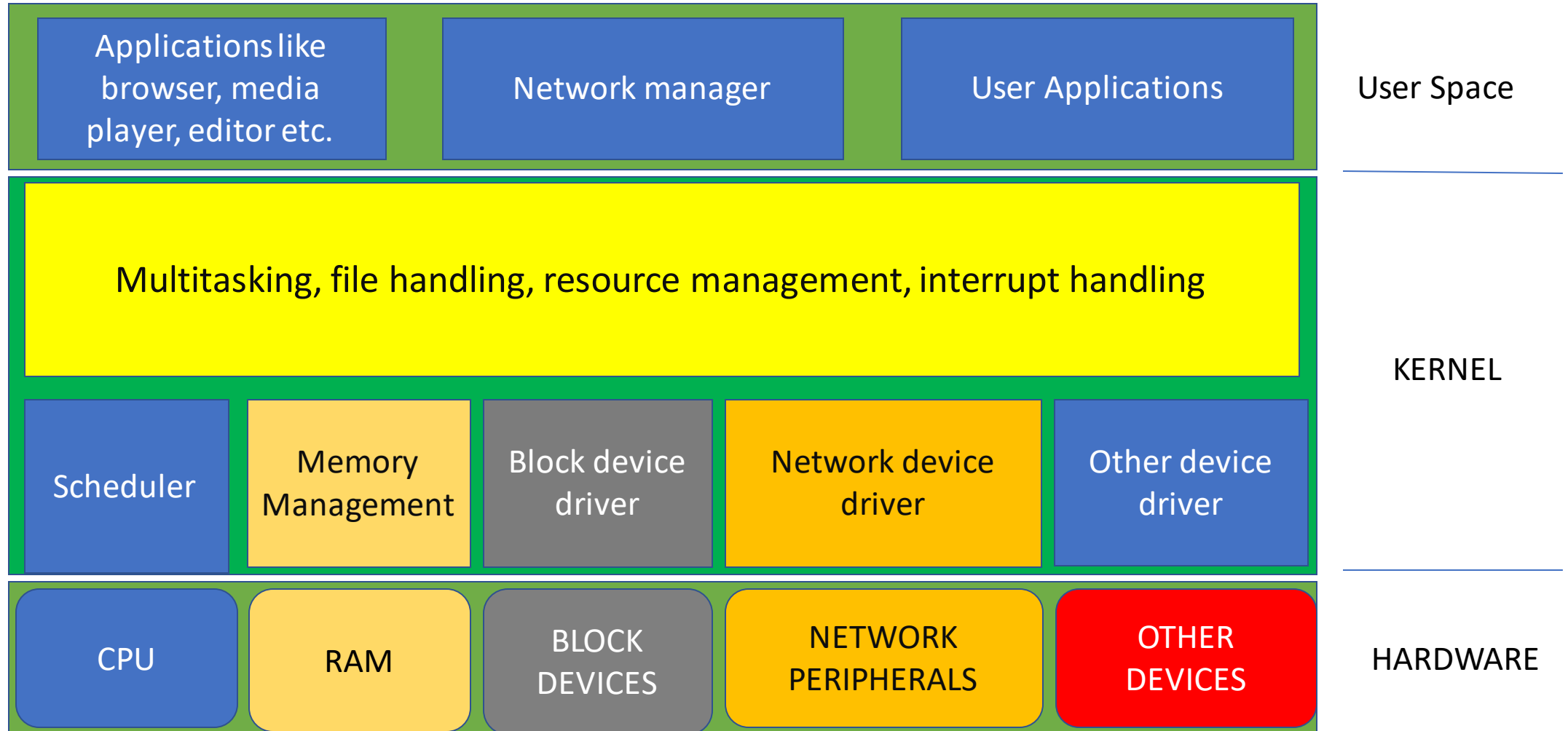
## Course Content

- ❖ Installing the Linux on Virtual machine.
- ❖ **Introduction to Linux Kernel**
- ❖ Code compilation
- ❖ Makefile creation
- ❖ Hello world Module
- ❖ Module utilities
- ❖ Character Driver
- ❖ Creating /sys and /proc entries using kernel module
- ❖ Submitting your First patch to Linux kernel source.

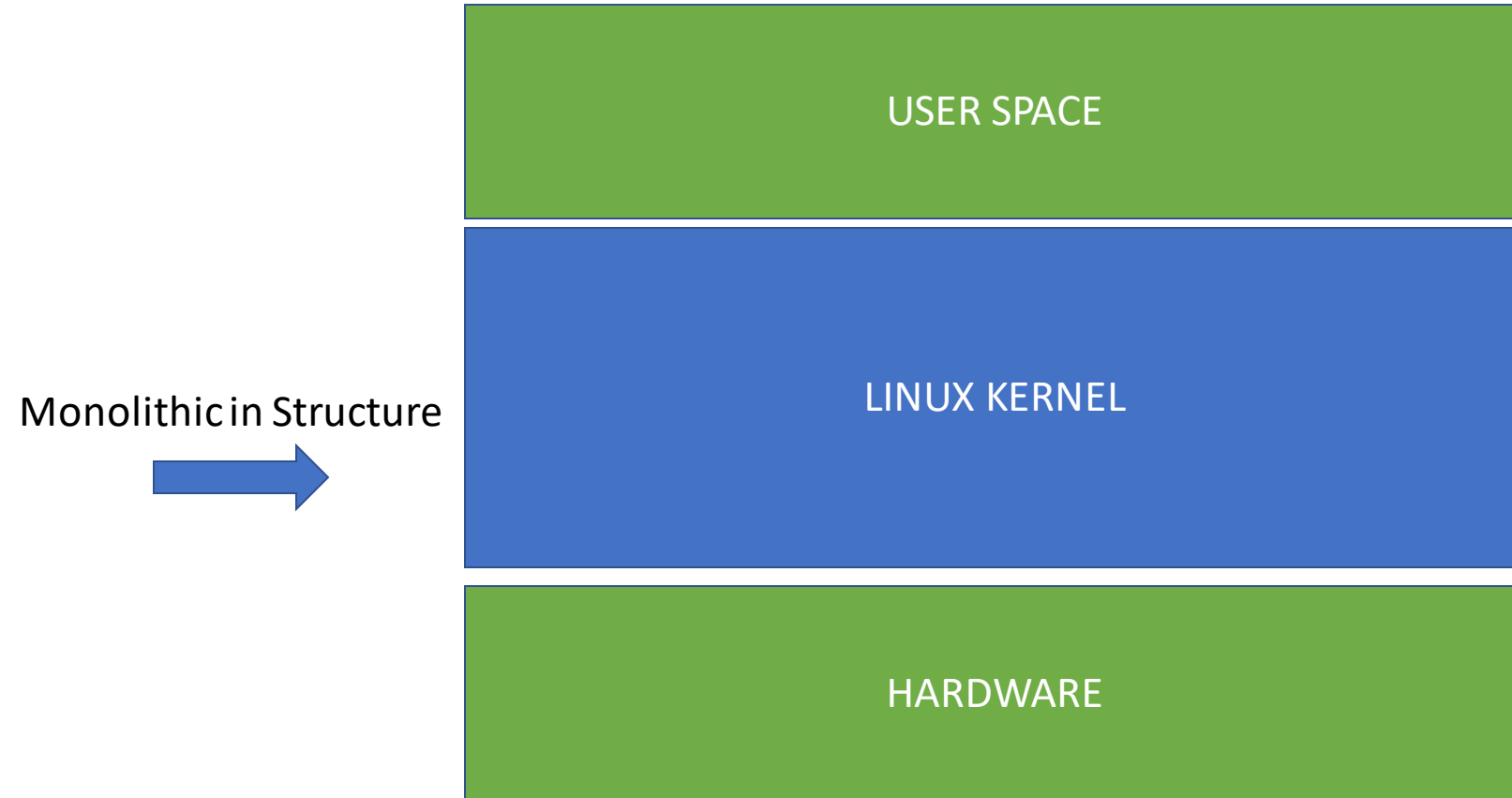
# Introduction to Linux Kernel

- Heart of Operating System
- Manage hardware directly
- Monolithic kernel
- Clear partition between the resource management
- Everything is a file
- Constant version update
- Support from Open source

# Introduction to Linux Kernel



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