

U-Boot UEFI Status Update

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EFI Device Tree Fixup Protocol

- Provide a protocol to be called by boot managers like GRUB which load a kernel specific device-tree
 - Apply Firmware Fix-Ups
 - Reserve memory according to /reserved node and memory reservation block
 - Install device tree as configuration table
- Specification
https://github.com/U-Boot-EFI/EFI_DT_FIXUP_PROTOCOL
- U-Boot patches done, GRUB still open

Recent Work in U-Boot

- Takahiro, Sugosh
 - Capsule updates (v2021.01)
- Ilias
 - Implement EFI_TCG2_PROTOCOL (ongoing, first part in v2021.01)
 - Linux driver for OP-TEE based SetVariable()
- Heinrich
 - Fix DisconnectController() (v2020.01)
 - Fix long name handling in FAT file system (queued for v2021.04)
 - Load File(2) Protocol support in LoadImage() (queued for v2021.04)
(Test results: <https://github.com/U-Boot-EFI/u-boot-sct-results>)

Required Work in U-Boot

- Support adding devices after EFI initialization
- Fix HII Database Protocol