



UAPI Group Specifications

- [Boot Loader Specification](#): Defines a set of file formats and naming conventions to allow distribution independent boot loader menus supportable by multiple bootloaders. ([canonical online location](#))
- [Configuration Files Specification](#): Standardises default locations and environment variables for locating common files or base directories. This is derived from, and extends, the [XDG Base Directory Specification](#), to allow for separation between vendor and admin configuration files, drop-in files, and masking. ([canonical online location](#))
- [Discoverable Partitions Specification](#): Discusses GUID UUIDs for auto-discovery of partition semantics and mount points. ([canonical online location](#))
- [Discoverable Disk Image](#): Describes the Discoverable Disk Image format for self-describing system images. ([canonical online location](#))
- [Extension Image](#): Describes the use of Discoverable Disk Images to create extensions to a base image. ([canonical online location](#))
- [Unified Kernel Image](#): Describes the use of UEFI PE binaries to provide a Unified Kernel Image containing the kernel, initrd, command line, and other components. ([canonical online location](#))
- [Version Format Specification](#): Defines semantics of version strings used in the other specifications listed here. ([canonical online location](#))
- [Linux TPM PCR Registry](#): An informative list of how TPM PCRs are used on a Linux system. ([canonical online location](#))

Work in Progress

See [open PRs on github](#).

Glossary

This section clarifies on terms and abbreviations used in specs and other documents.

General terms and abbreviations

- *MOK* – Machine Owner Key (shim)
- *PCR* – TPM Platform Configuration Registers
- *TPM* – Trusted Platform Module (security chip)
- *SBAT* – UEFI Secure Boot Advanced Targeting

Terms and abbreviations specific to UAPI group specifications

- *DDI* - Discoverable Disk Image
- *DPS* - Discovery Partition Specification
- *UKI* - Unified Kernel Images (sd-stub + kernel + initrd + more)
- *BLS* - Boot Loader Specification
- *sysext* – System Extension Image (type of DDI that is overlayed on top of `/usr/` and `/opt/` via overlayfs and can extend the underlying OS vendor resources in a composable, immutable fashion)
- *confext* – Configuration Extension Image (type of DDI that is overlayed on top of `/etc/` via overlayfs and can extend the underlying OS' configuration in a composable, immutable fashion)

Participate

Please use the [specifications issue tracker](#) to engage with the project.