Paragon Slim Backup SDK for Linux enables IT pros to quickly onboard a high-performance, feature-packed backup and restore engine. Easily integrate the lightweight SDK into your development environment, add Windows or Linux recovery media, and you are all set.

**What’s inside?**

- File backup with live file system
- Volume and file restore

**Need a demo?**

CLI available as a demo or test utility

**Minimum integration effort.**

Compact in size, easy to integrate (Single Lib)

**Need to add Recovery Media?**

Check out the all-in-one [Hard Disk Manager](#)

**Paragon Recovery Media Builder includes:**

- **Recovery in preinstallation environment.**
  You can restore your entire system incl. The OS, installed programs, settings and data in the preinstallation environment (Linux based or WinPE).
  Or you can perform granular data restore and access any specific file in the backup archive.

- **Emergency Recovery Media.**
  Create your rescue environment on a storage medium such as a USB stick. Make sure your environment is disaster-proof, and you can always access your hard drive even if OS won’t boot up.

**How is it licensed?**

Feel free to evaluate the Paragon Slim Backup SDK and restore functionality and let us know how we can help!

**Who is it for?**

**Software developers**

Backups SDK interacts with OS to ensure consistent backup, thus taking the burden off your development team.

**System requirements**

- Linux: Ubuntu, Suse
- 4GB RAM, i686/x86_64 CPU (2 cores min.)

**Why employ this SDK?**

- Lightweight engine
- Fast integration
- Rich functionality
- Fast time-to-market

**Common scenarios**

- **Backup:** Backup objects to a specified destination
- **Restore:** Restore objects to a specified destination
- **Enum:** Enumerate objects
- **Image Demo:** Create an image of the disk arguments in-help cli
- **Service operations:** logs, credentials, encryption

**Key features**

- **C-style API:** provides flexible methods for integration
- **Smart Increments** technology helps optimize storage size
- **Safe backup storage:** effective compression algorithms and data integrity control (checksums)
- **An in-built Enum tool** to take inventory of files, disks, and volumes
- **Multi-process execution** to increase fault tolerance and ensure high-performance multi-tasking
- **Additional protection** with user encryption parameters
- **Exclusion masks** with recursive support
- **Backup to a network location** using credentials
- **Volume restore** with proportional resize up and down
- **Image copy "as is"** to enable disk copy on the sector level and precise replica as the outcome.