



Back it up!

Protecting your data by making

Why back up?

- ✦ Your data is irreplaceable.
- ✦ Your hard drive can fail at any moment.
- ✦ Data recovery is expensive!

What Is A Backup?

**A backup consists of at least
two**

1. Your Original Data

**2. A Copy of the Data on a
Separate Drive**

There Are Two Ways You can Lose

1. Hardware Failure

2. Outside Factors

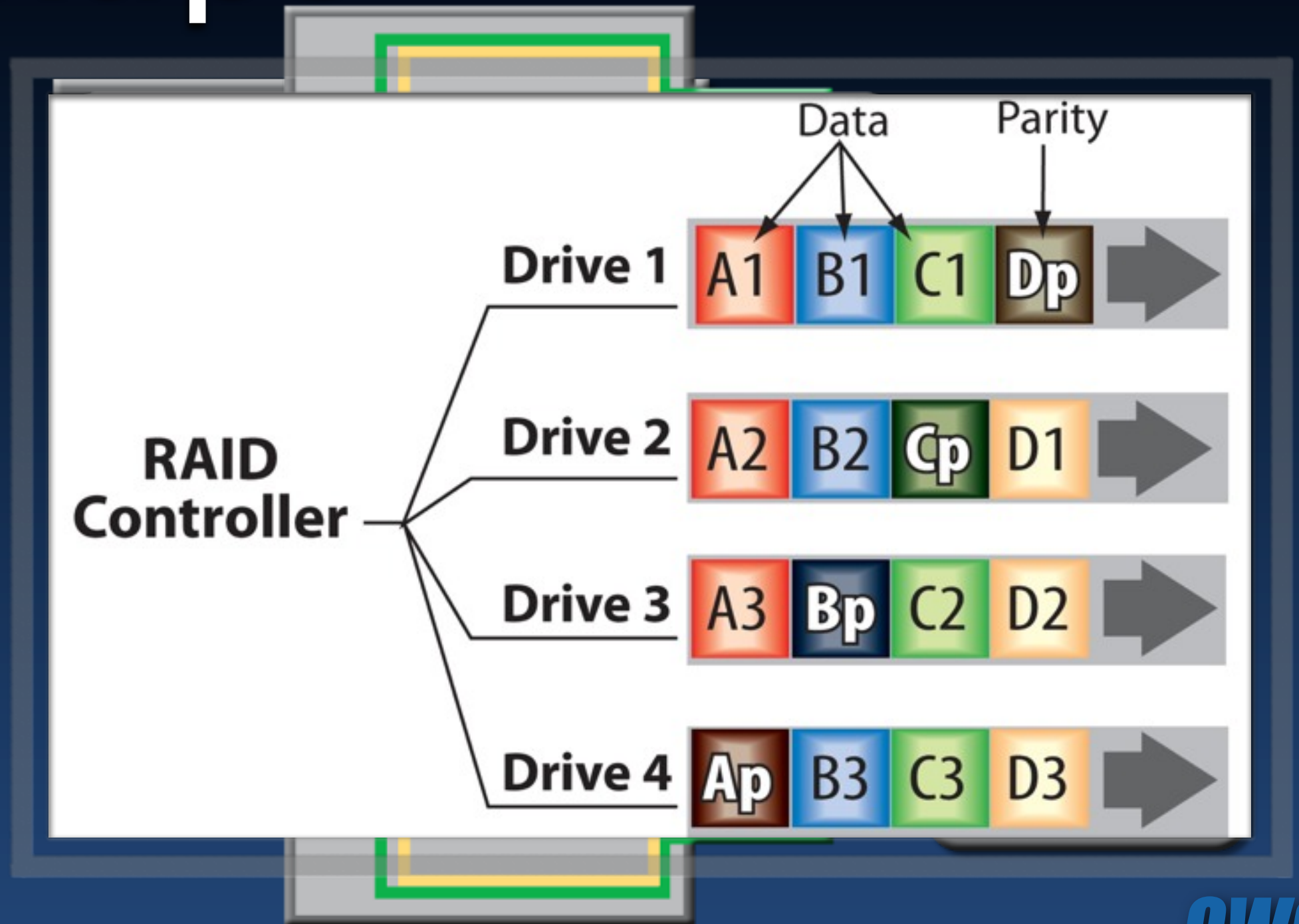
RAID

Redundant Array
of
Independent
Disks

Hardware
Solutions

RAID Backups

- ✧ RAID 1
- ✧ RAID 0+1
- ✧ RAID 5



RAID Backups

Pros

- ✧ Automatic backup
- ✧ Always current
- ✧ Restorable
- ✧ Easy to implement

Cons

- ✧ Can get expensive
- ✧ Indiscriminate backup
- ✧ Doesn't protect against outside

Other World Computing

