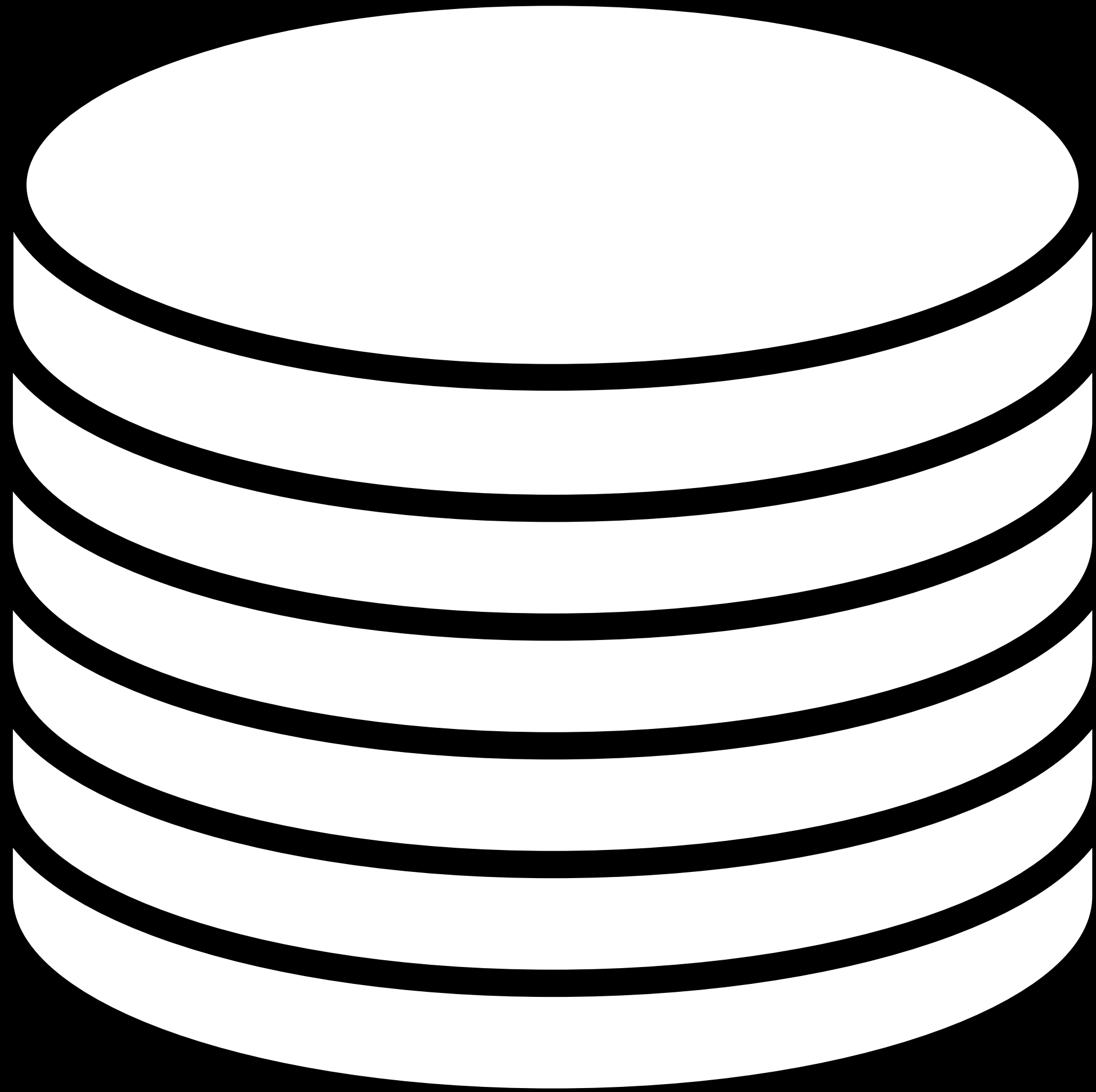
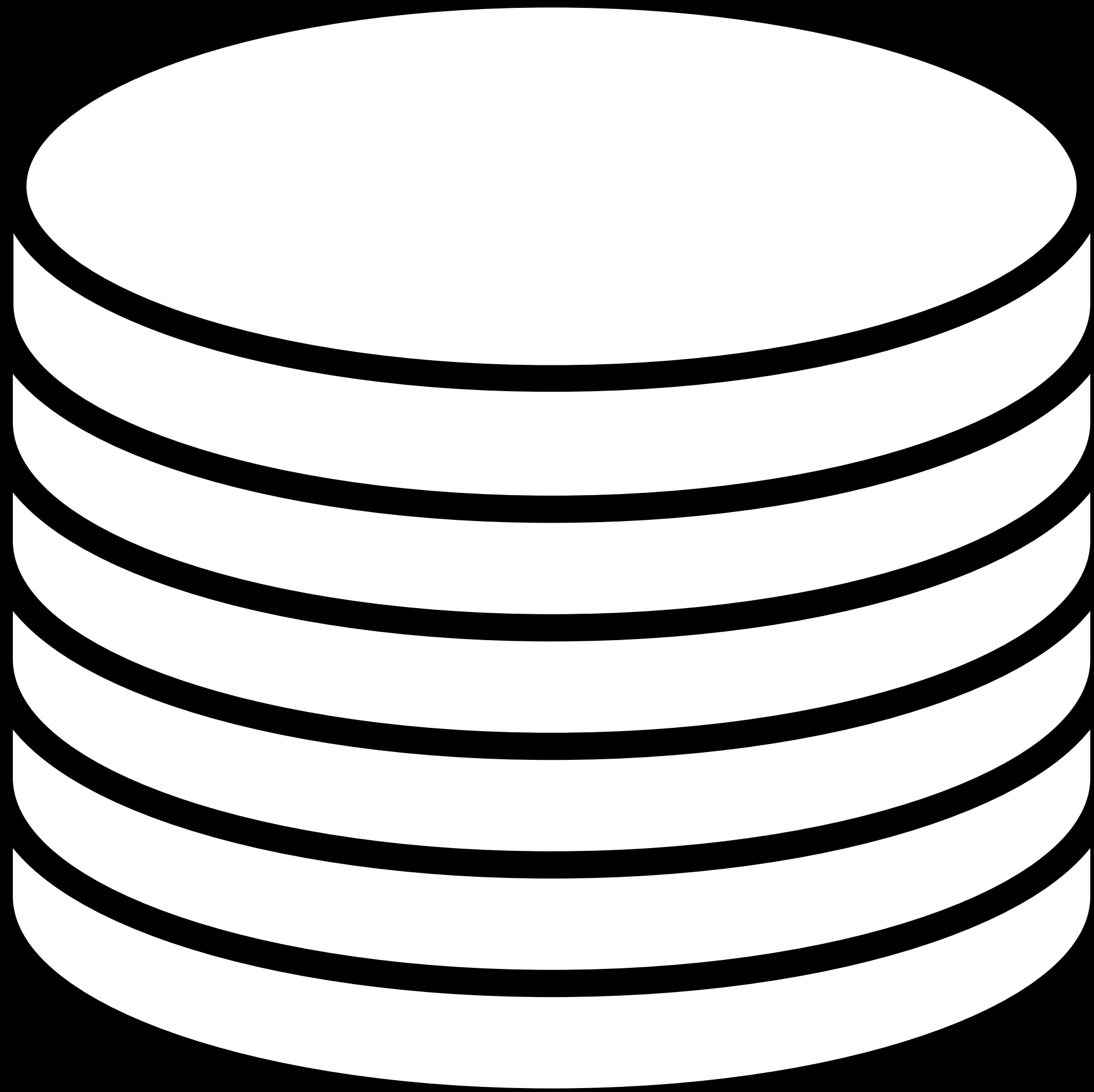


File Systems

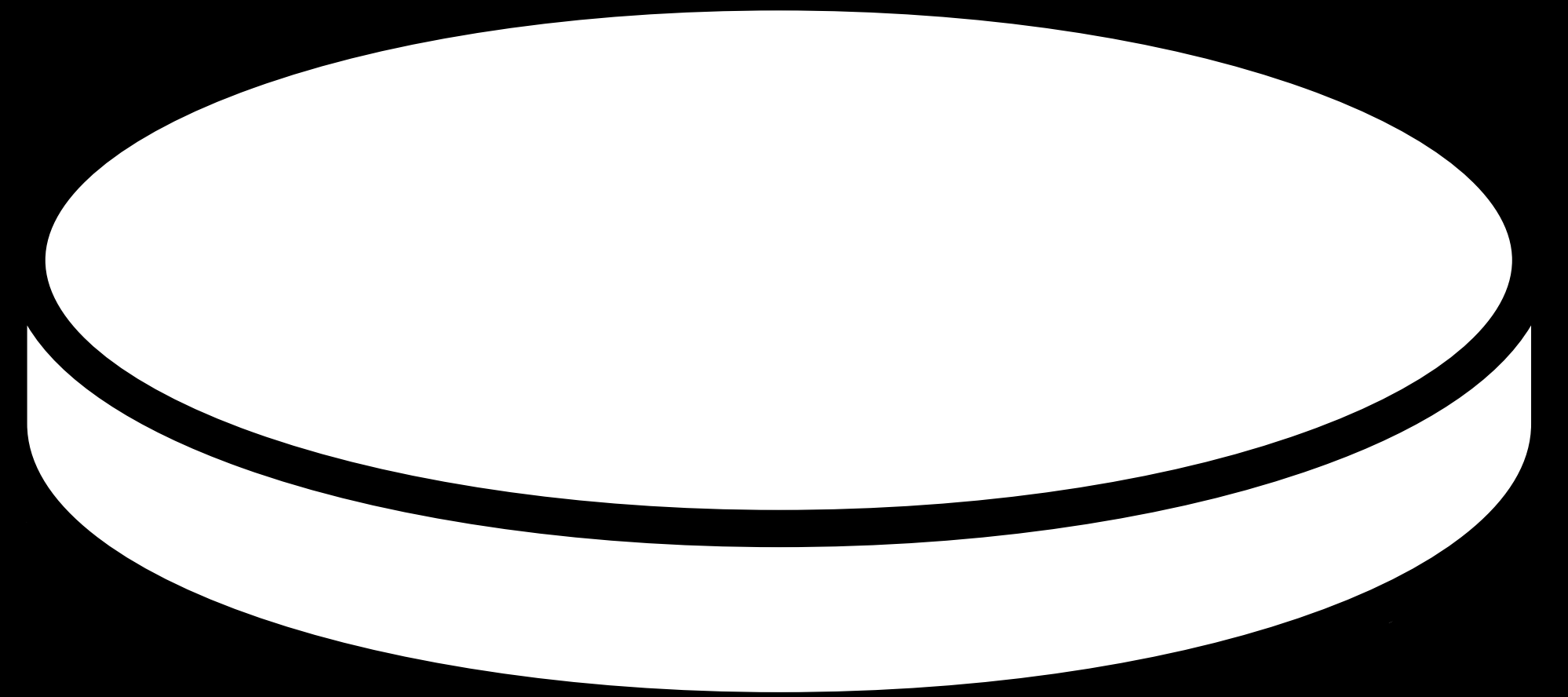
Hard disk



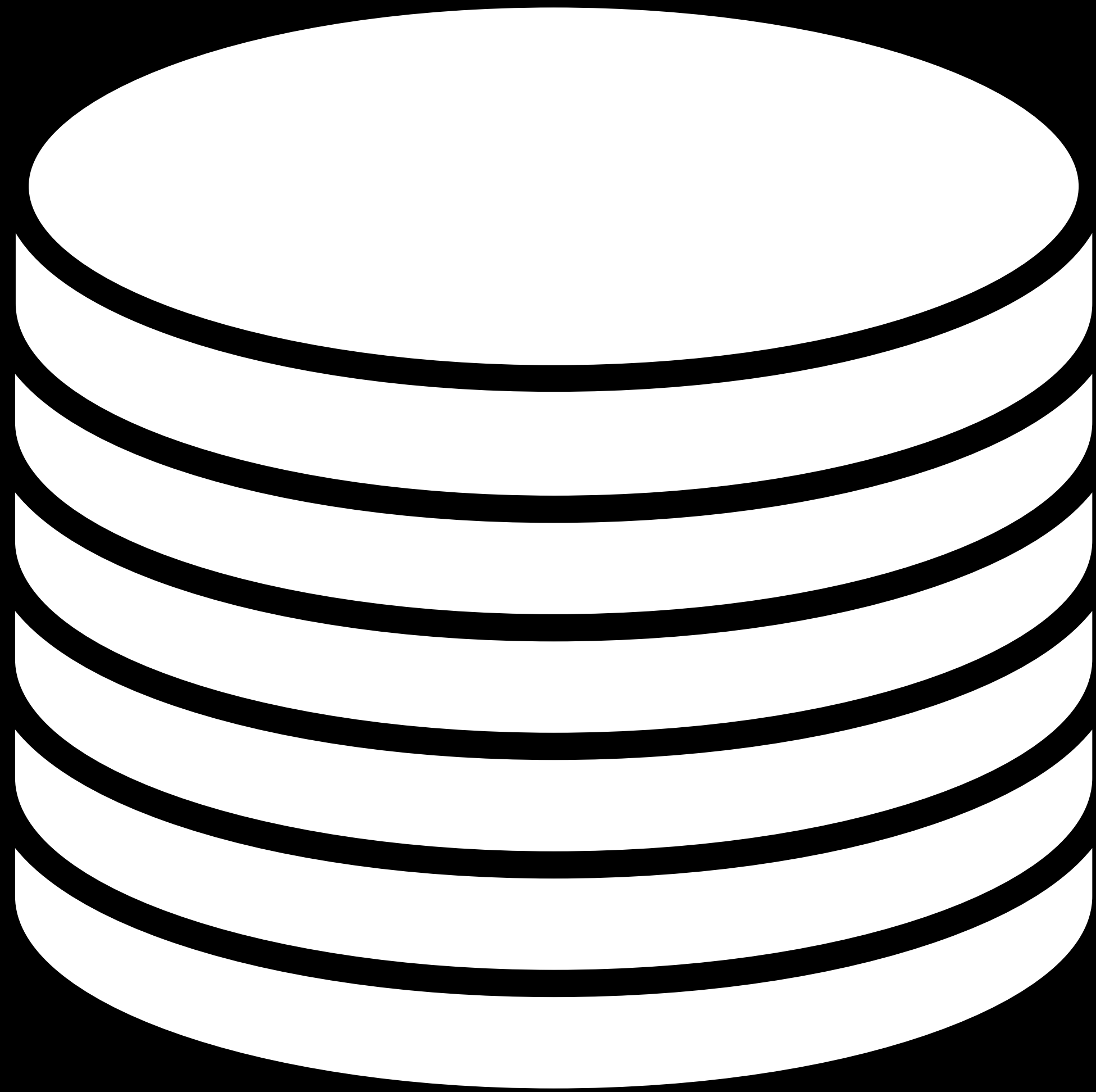
Hard disk



Platter

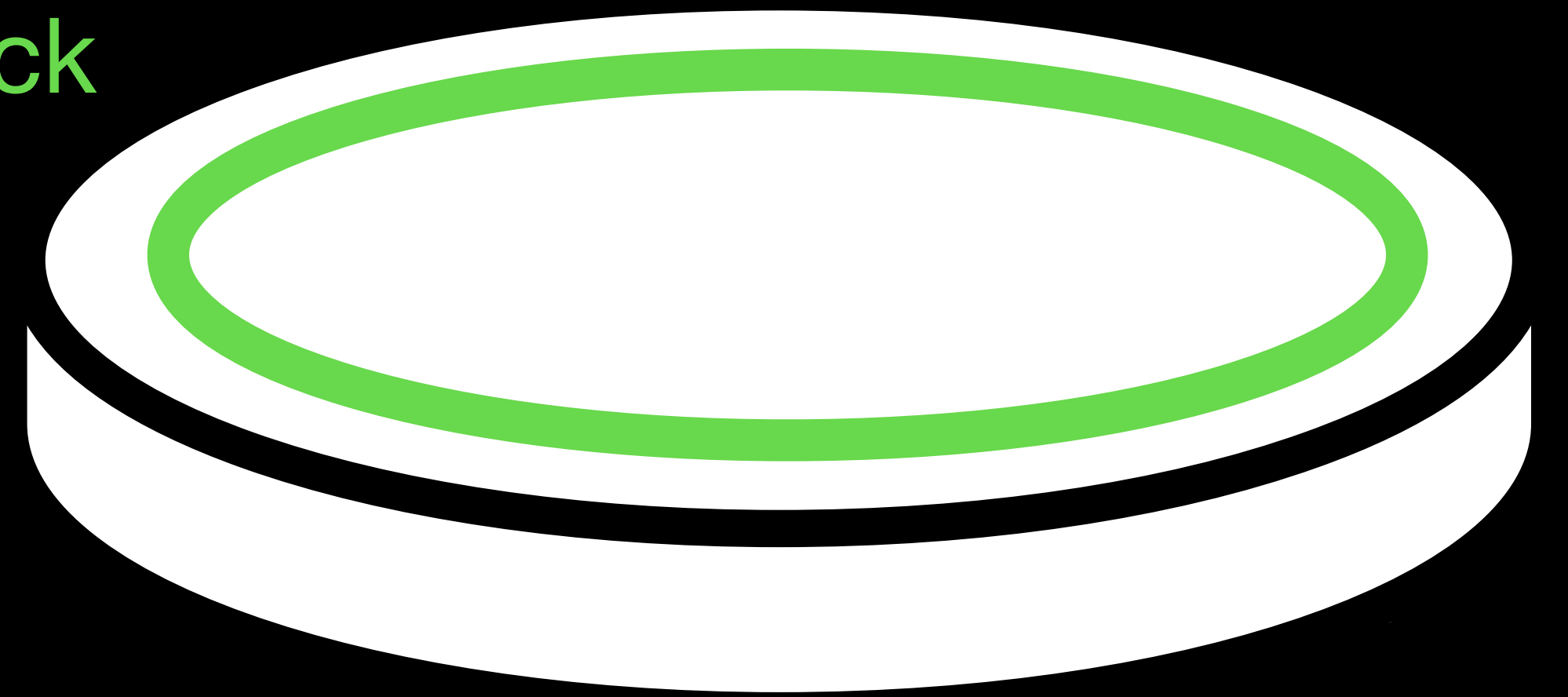


Hard disk

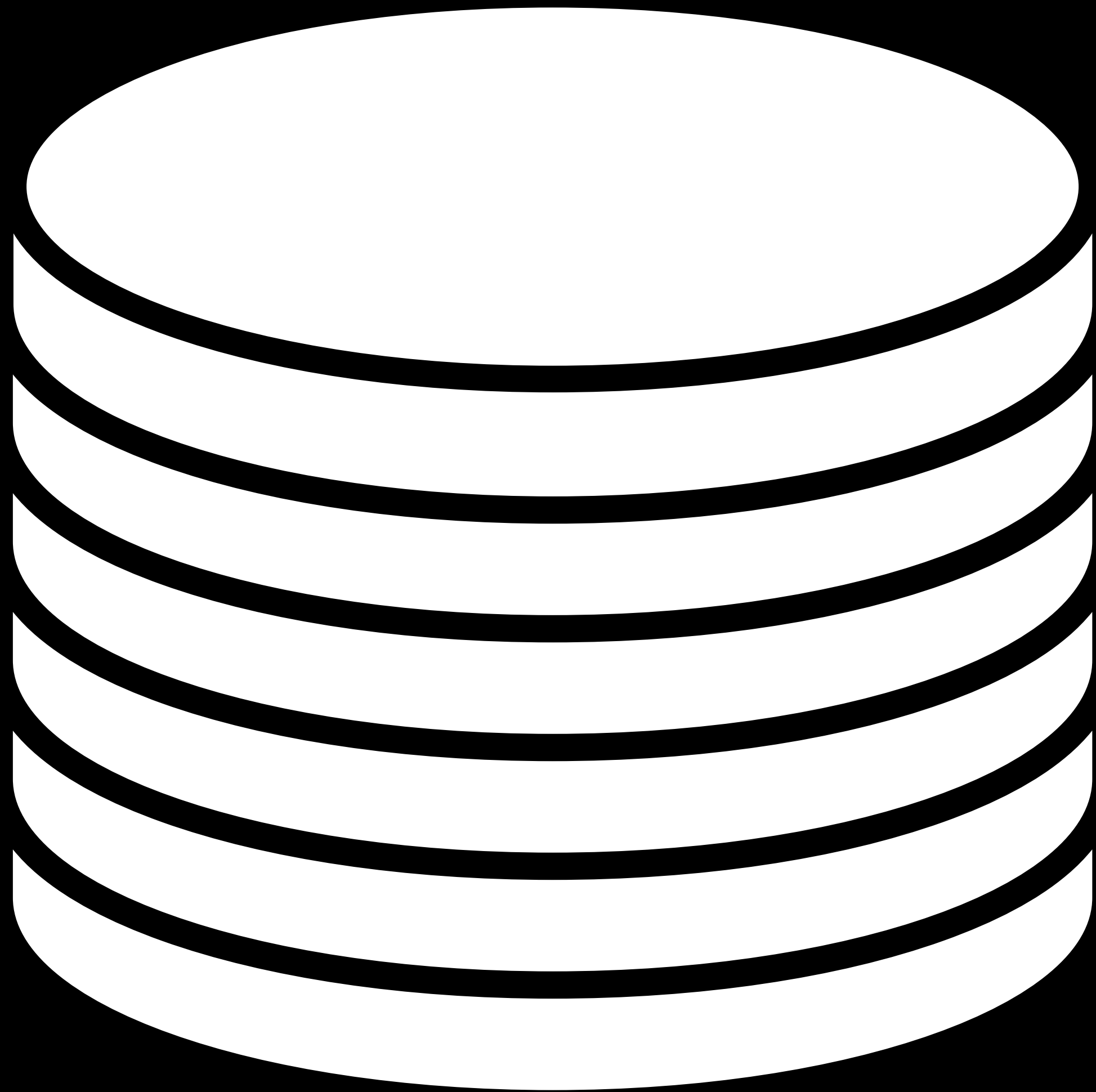


Platter

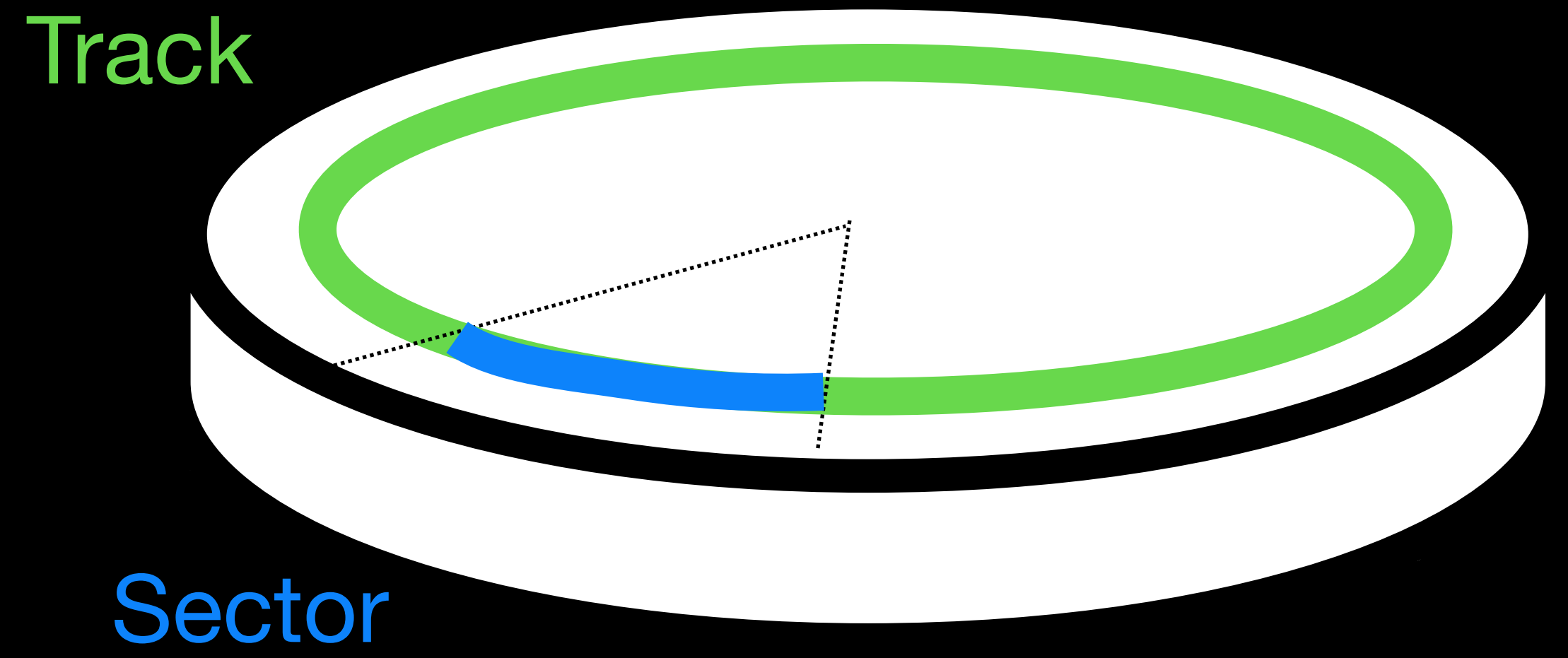
Track



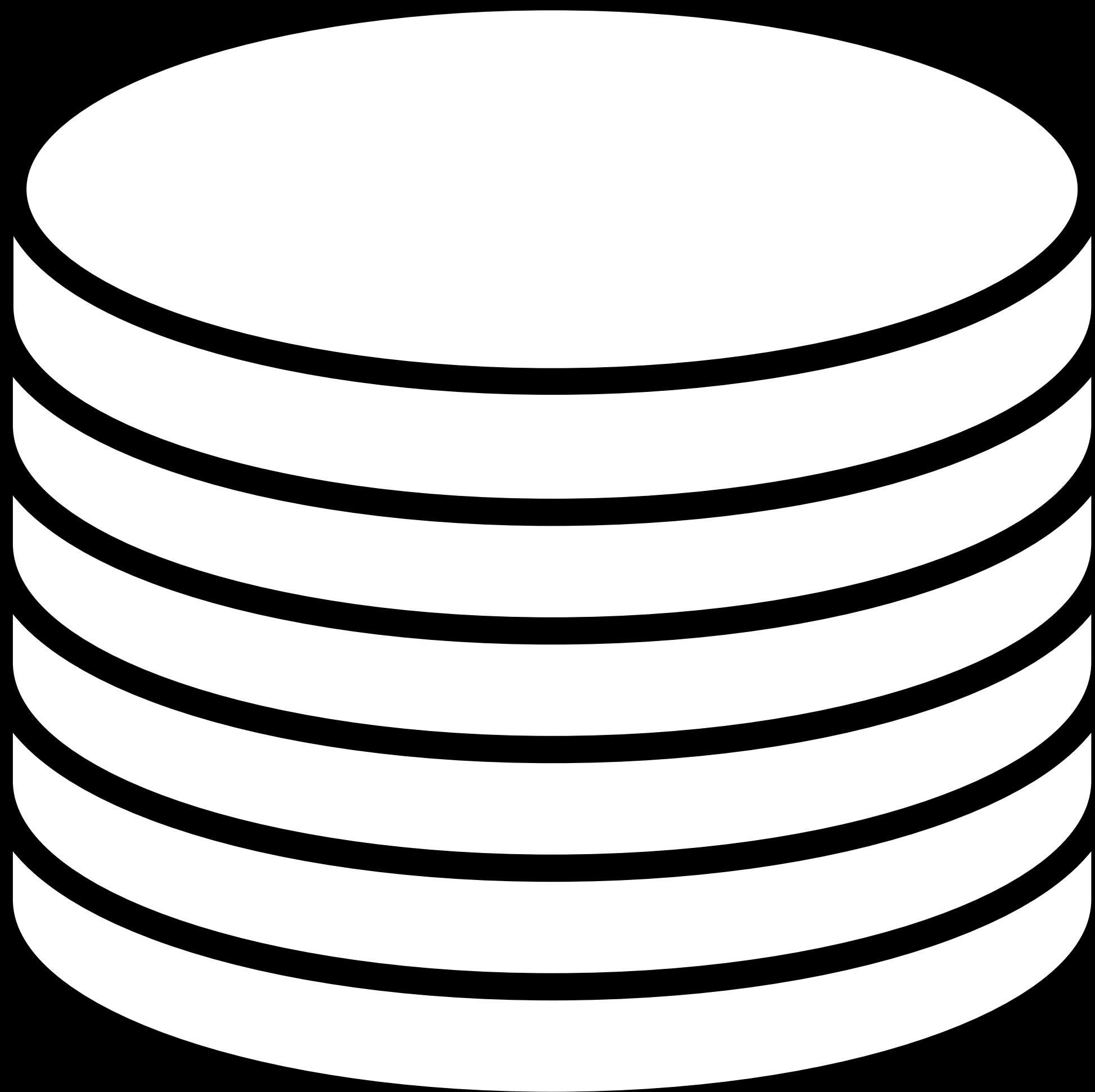
Hard disk



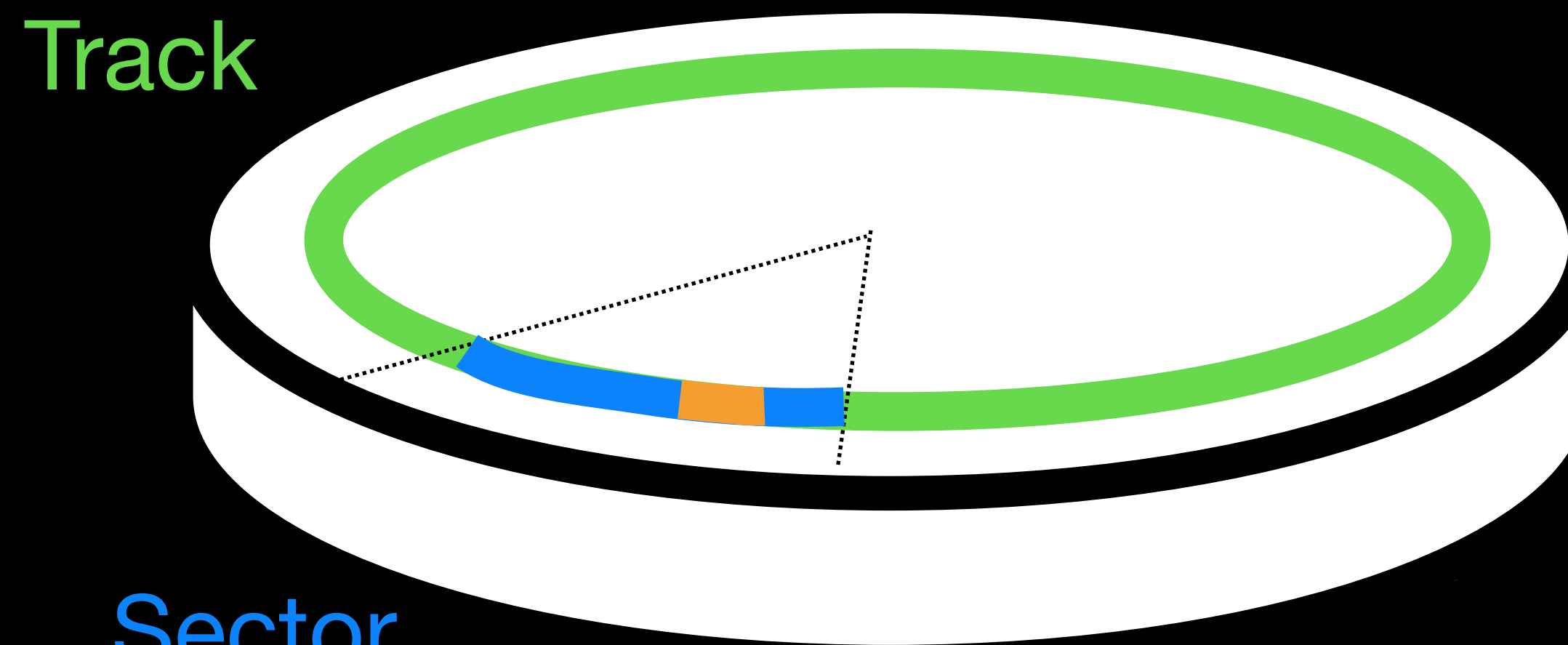
Platter



Hard disk



Platter

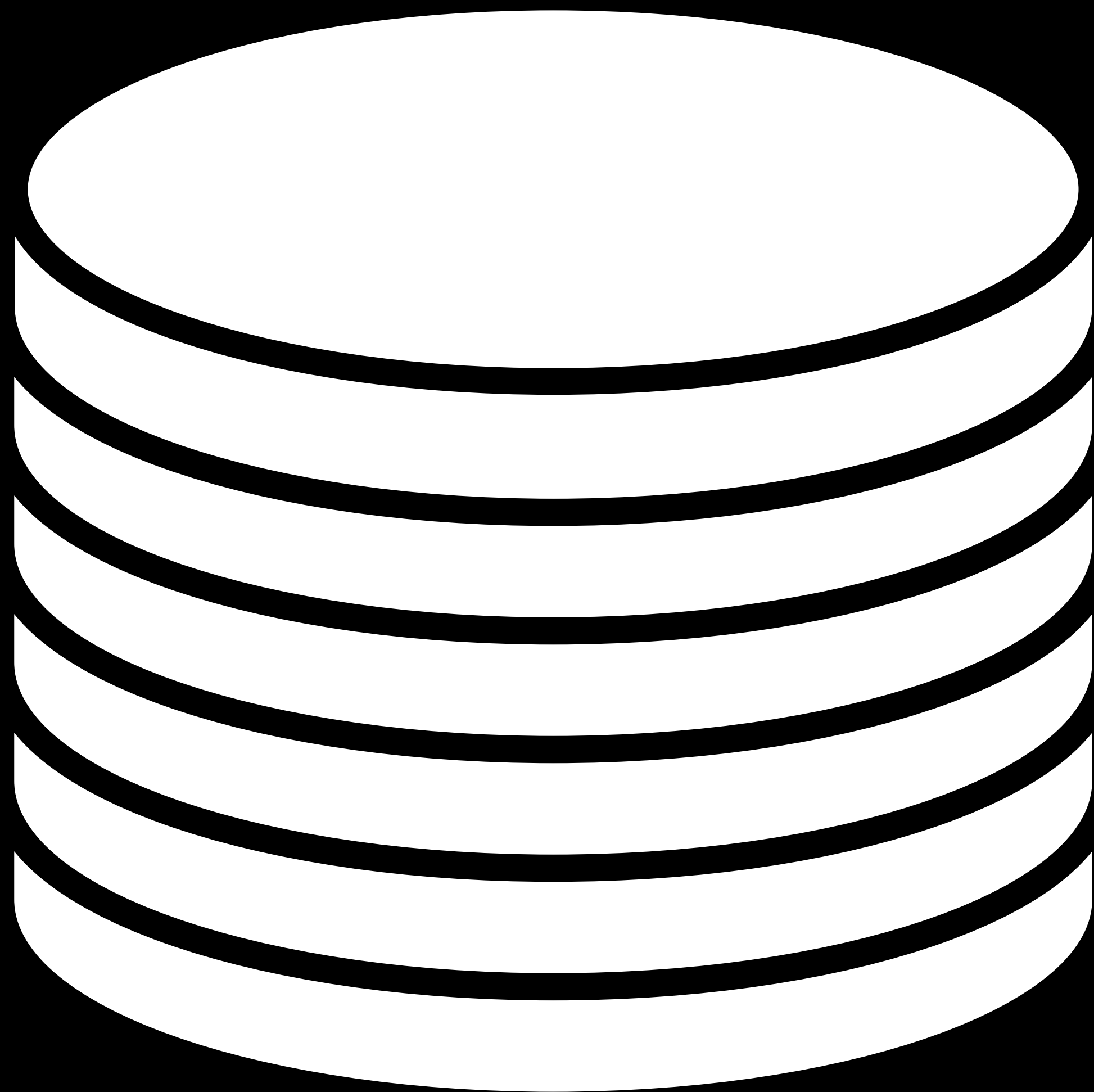


Track

Sector

Block

Hard disk



Hard disk

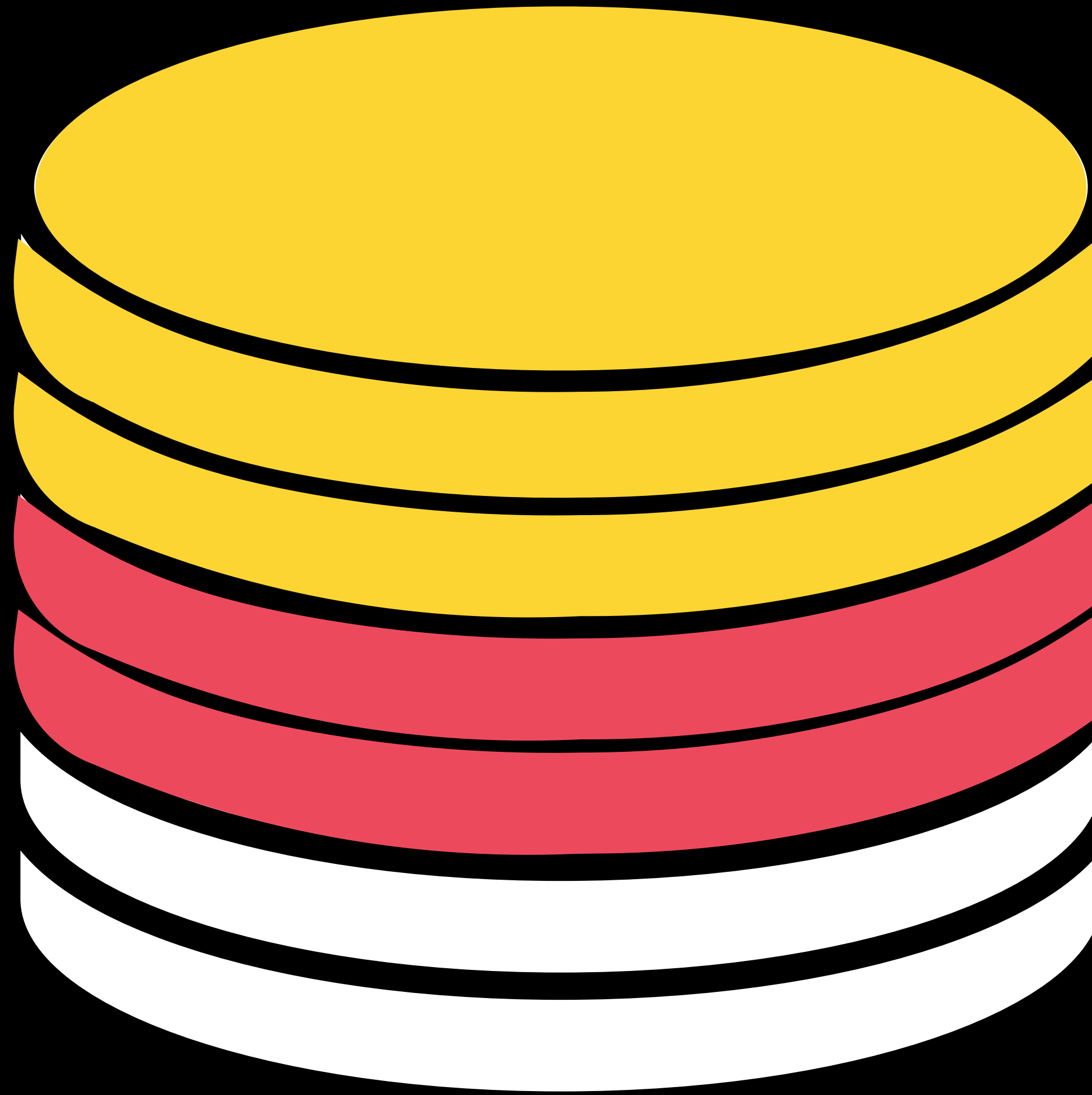
Partition 1



Hard disk

Partition 1

Partition 2

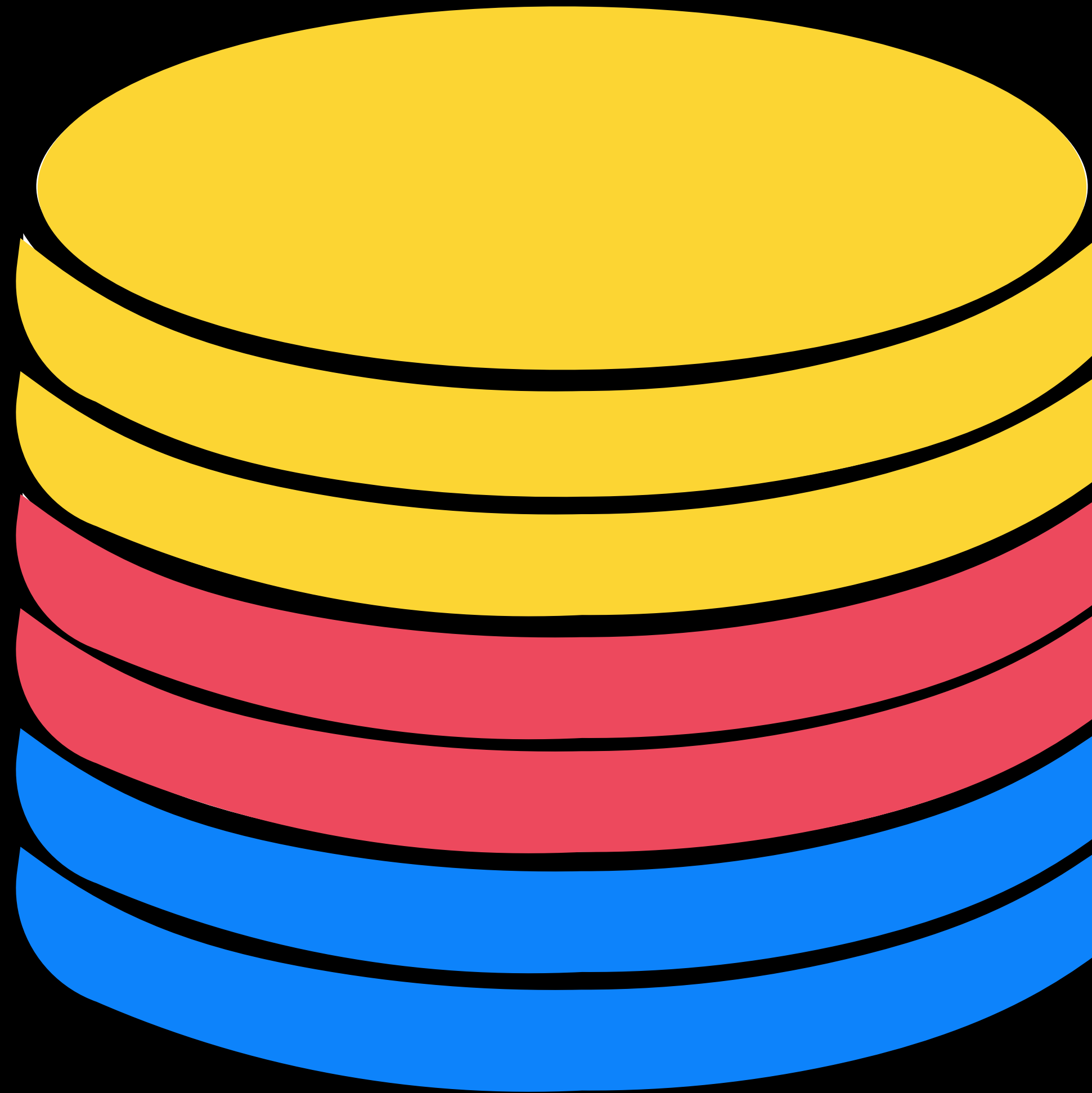


Hard disk

Partition 1

Partition 2

Partition 3



Hard disk (/dev/hd)

Partition 1

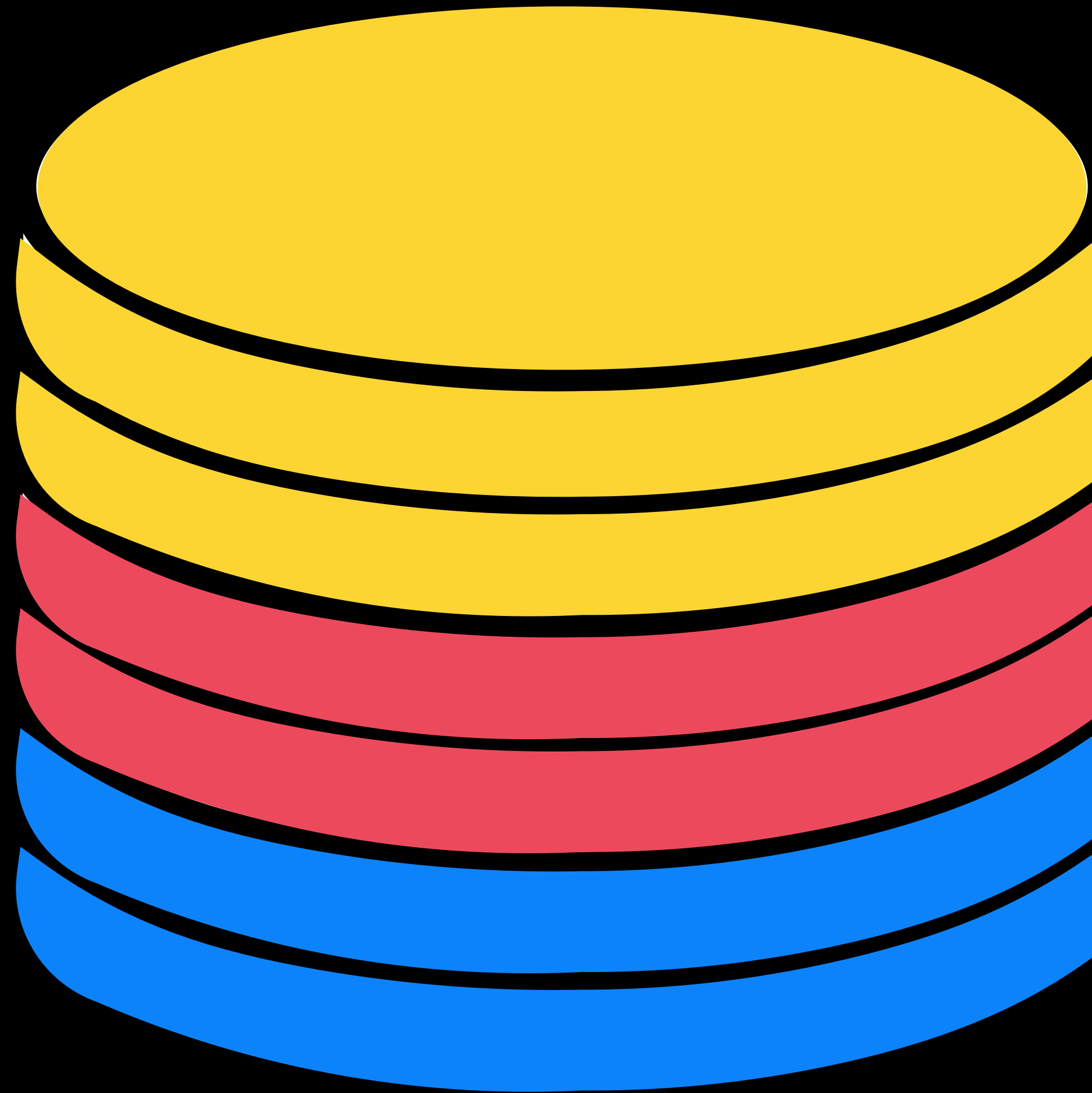
/dev/hd1

Partition 2

/dev/hd2

Partition 3

/dev/hd3

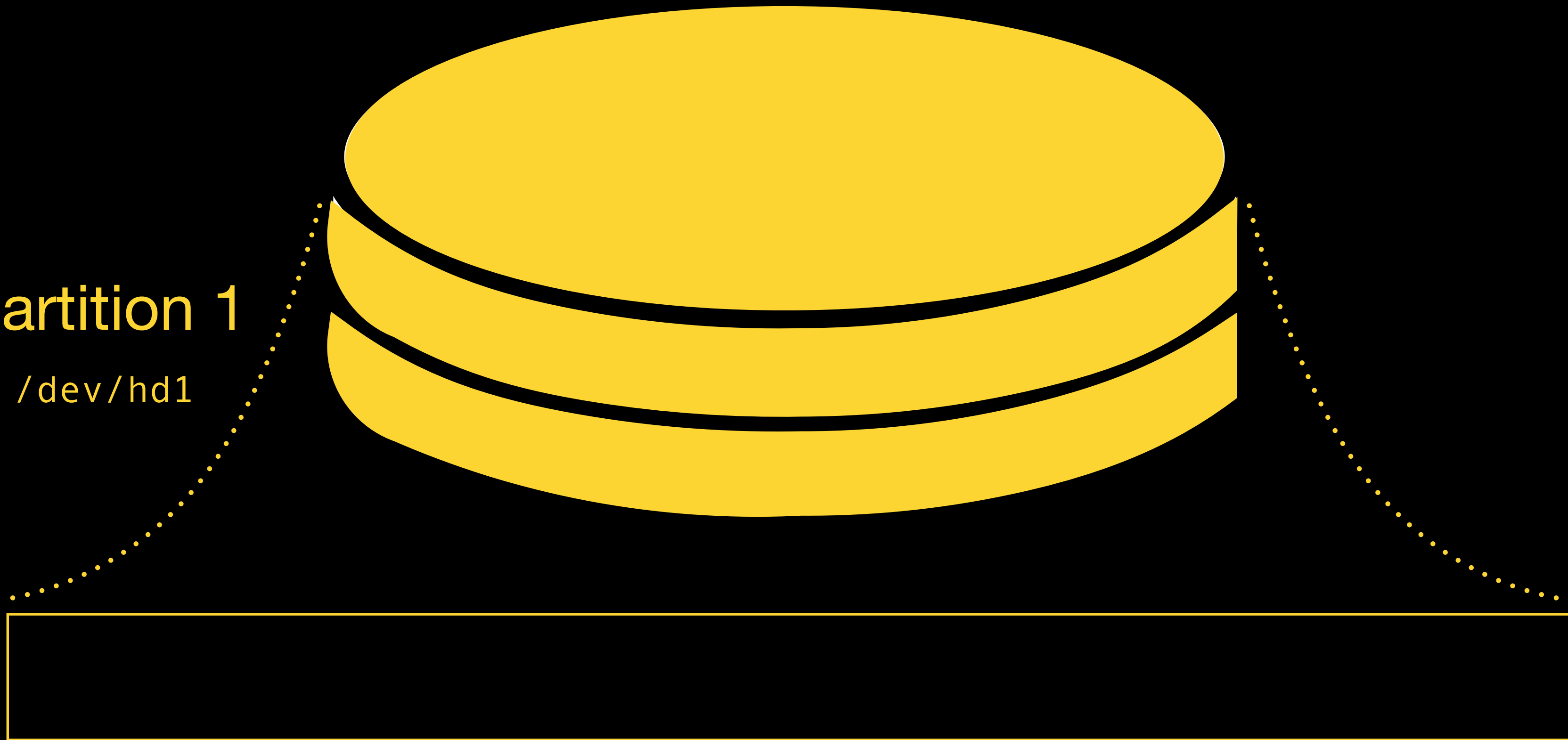


Hard disk (/dev/hd)

Partition 1

/dev/hd1

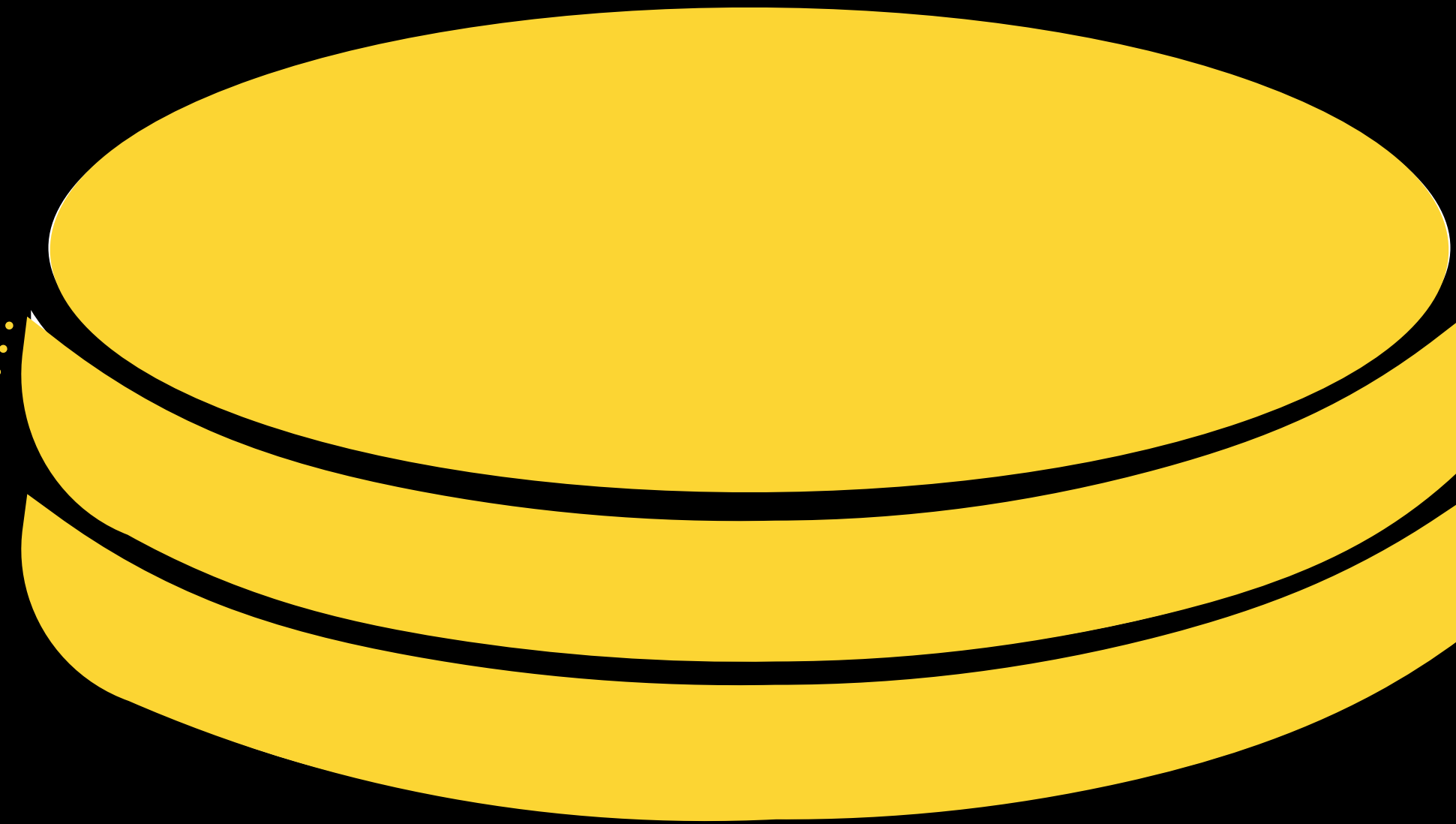
File System



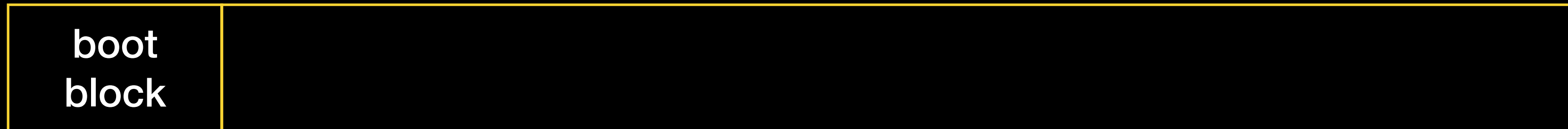
Hard disk (/dev/hd)

Partition 1

/dev/hd1



File System

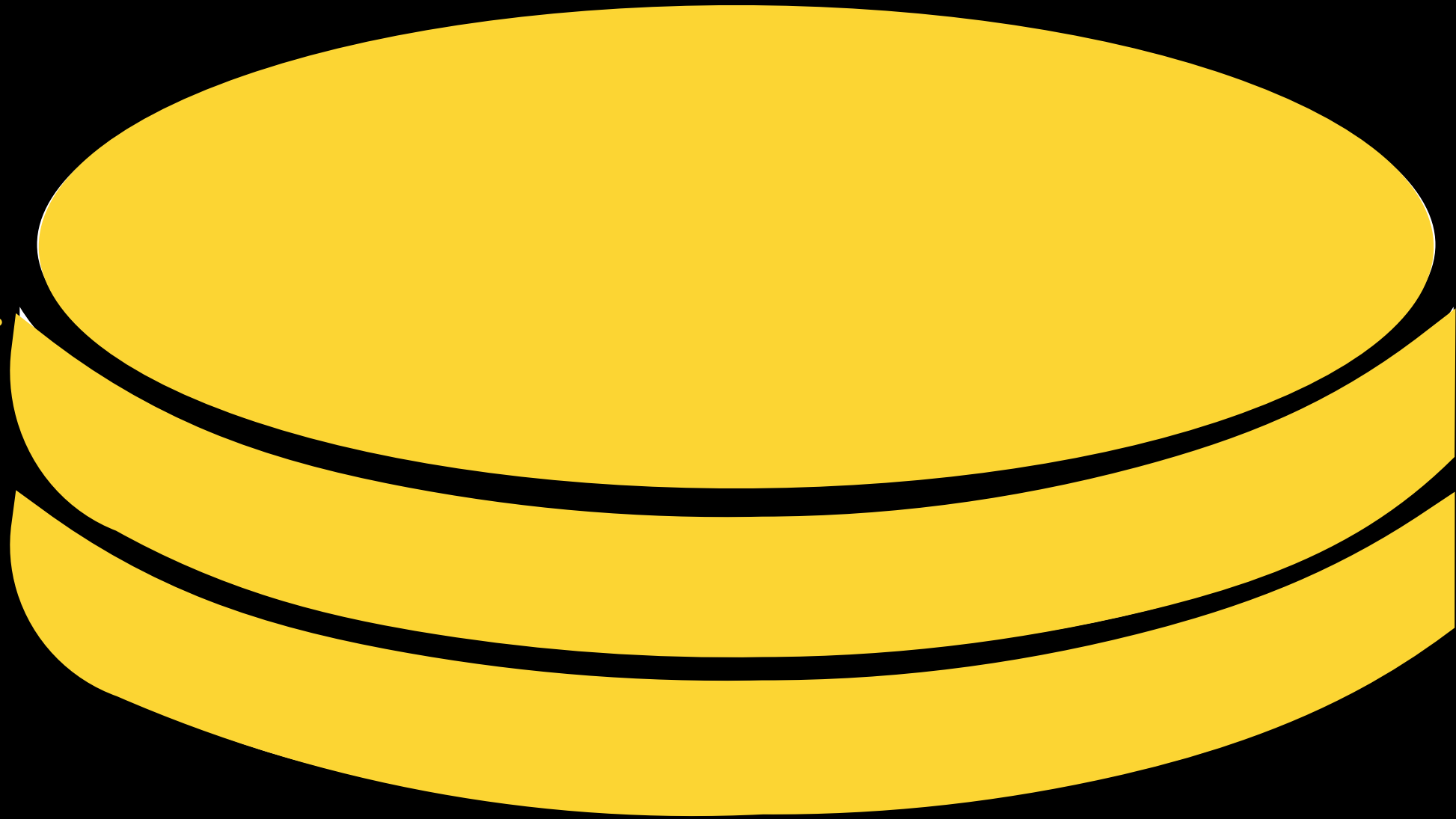


*Info to
boot OS*

Hard disk (/dev/hd)

Partition 1

/dev/hd1



File System



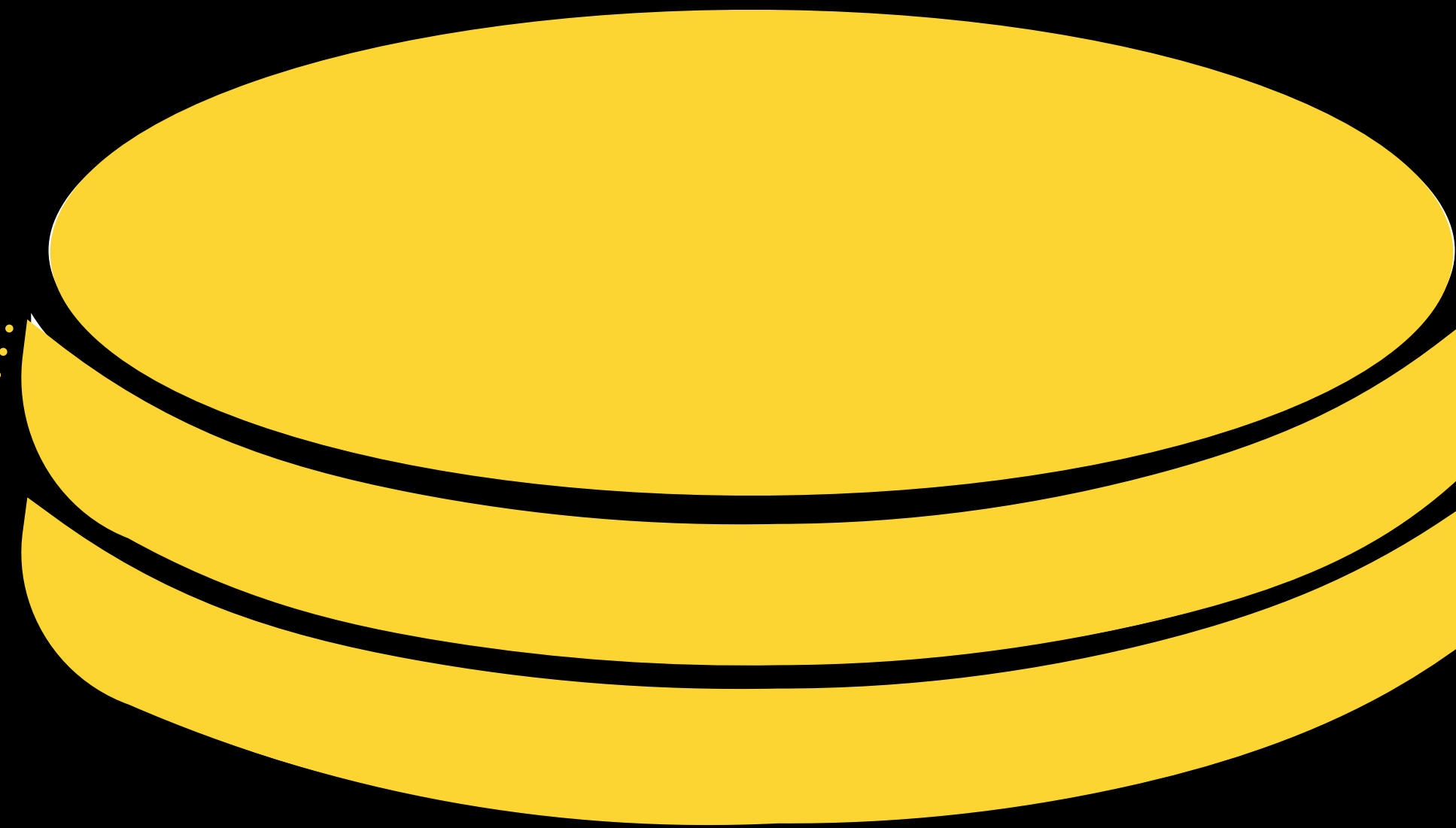
*Info to
boot OS*

*fs
params*

Hard disk (/dev/hd)

Partition 1

/dev/hd1



File System

boot block	super block	i-node table	
-----------------------	------------------------	-------------------------	--

*Info to
boot OS*

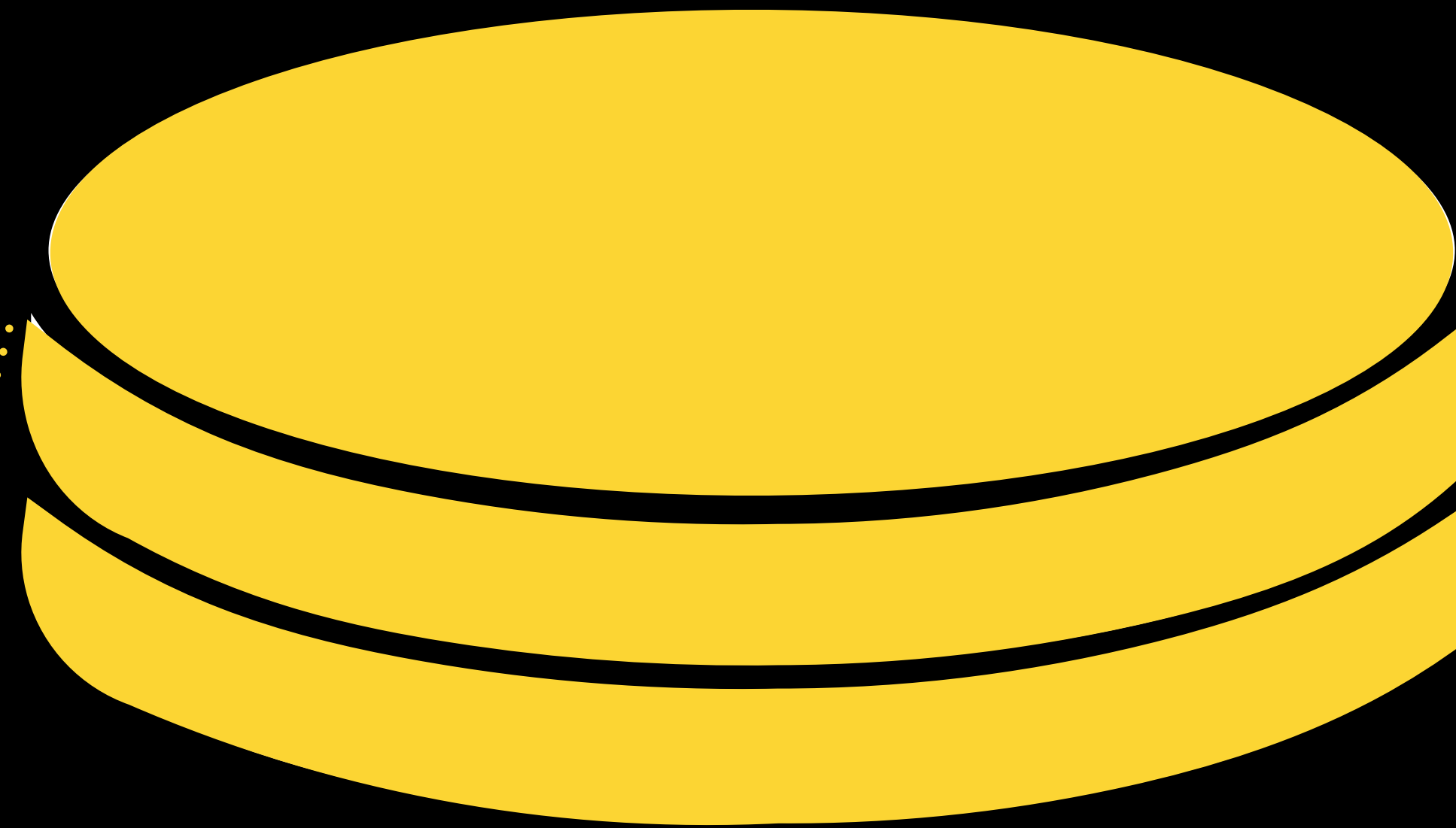
*fs
params*

*file
metadata*

Hard disk (/dev/hd)

Partition 1

/dev/hd1



File System



*Info to
boot OS*

*fs
params*

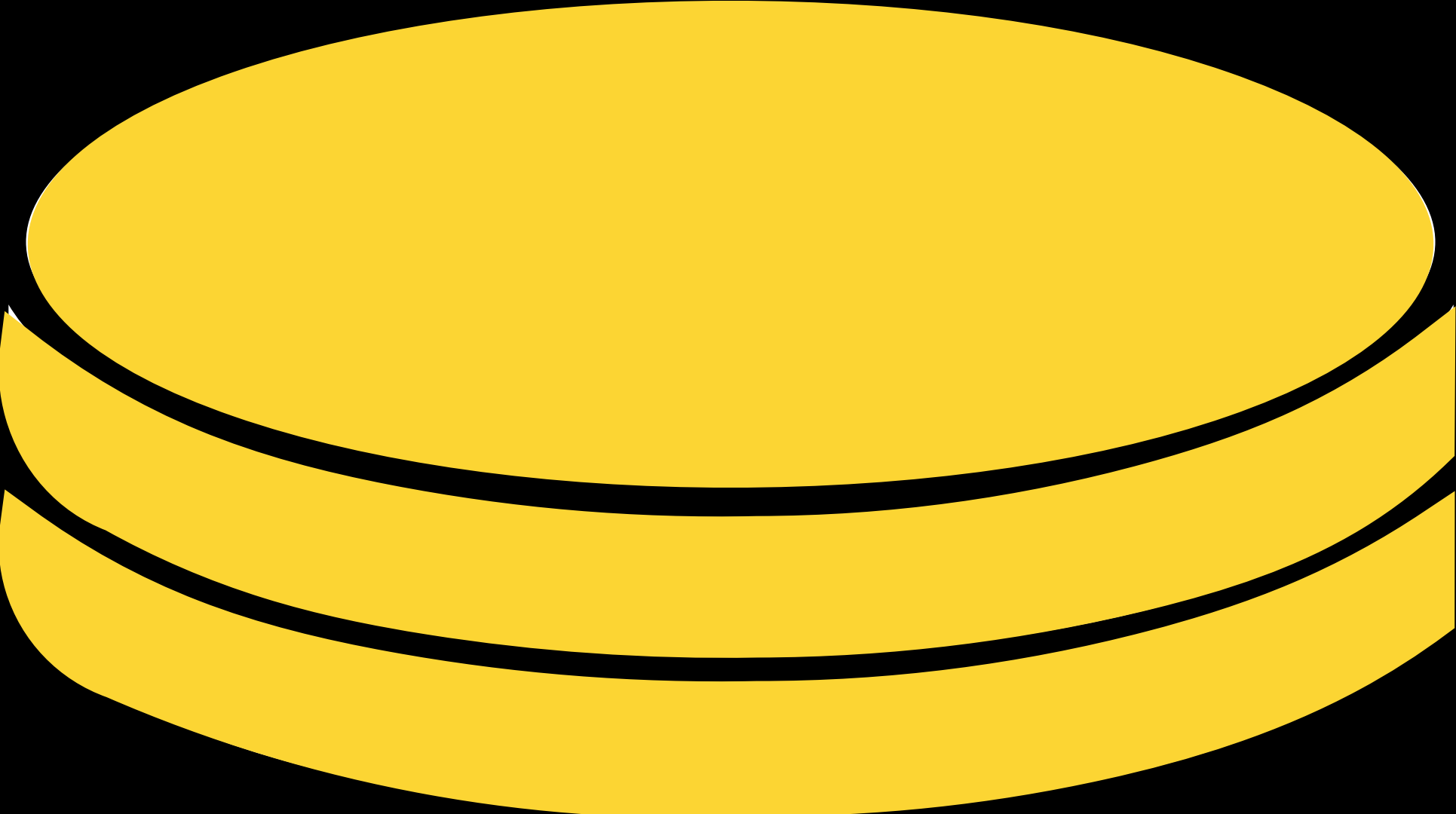
*file
metadata*

*file
data*

Hard disk (/dev/hd)

Partition 1

/dev/hd1



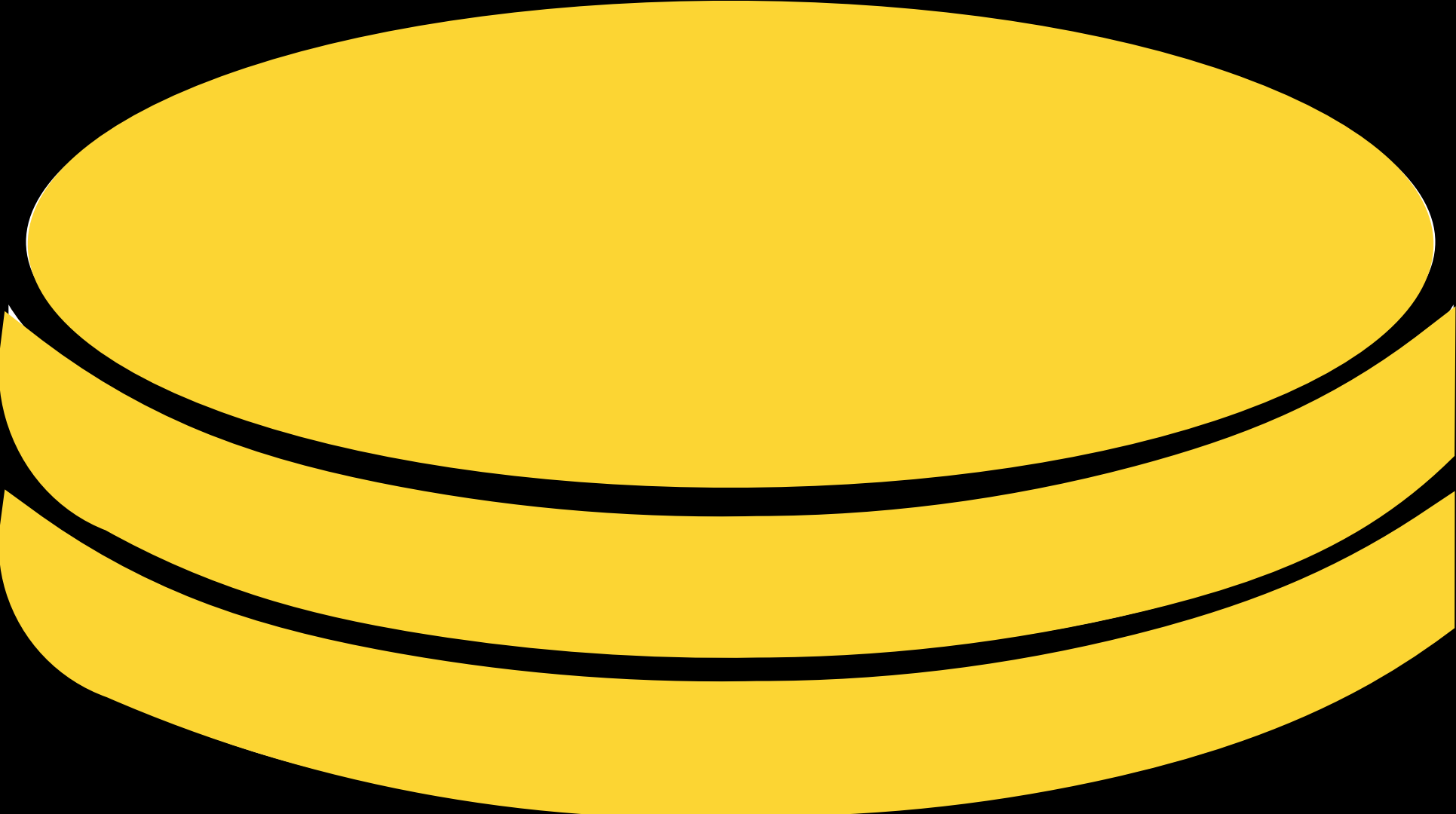
File System



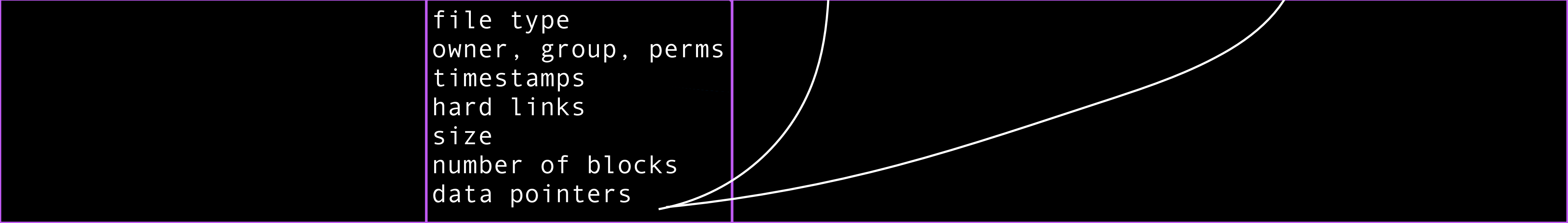
Hard disk (/dev/hd)

Partition 1

/dev/hd1



File System



Hard disk (/dev/hd)

Partition 1

/dev/hd1

Partition 2

/dev/hd2

Partition 3

/dev/hd3

