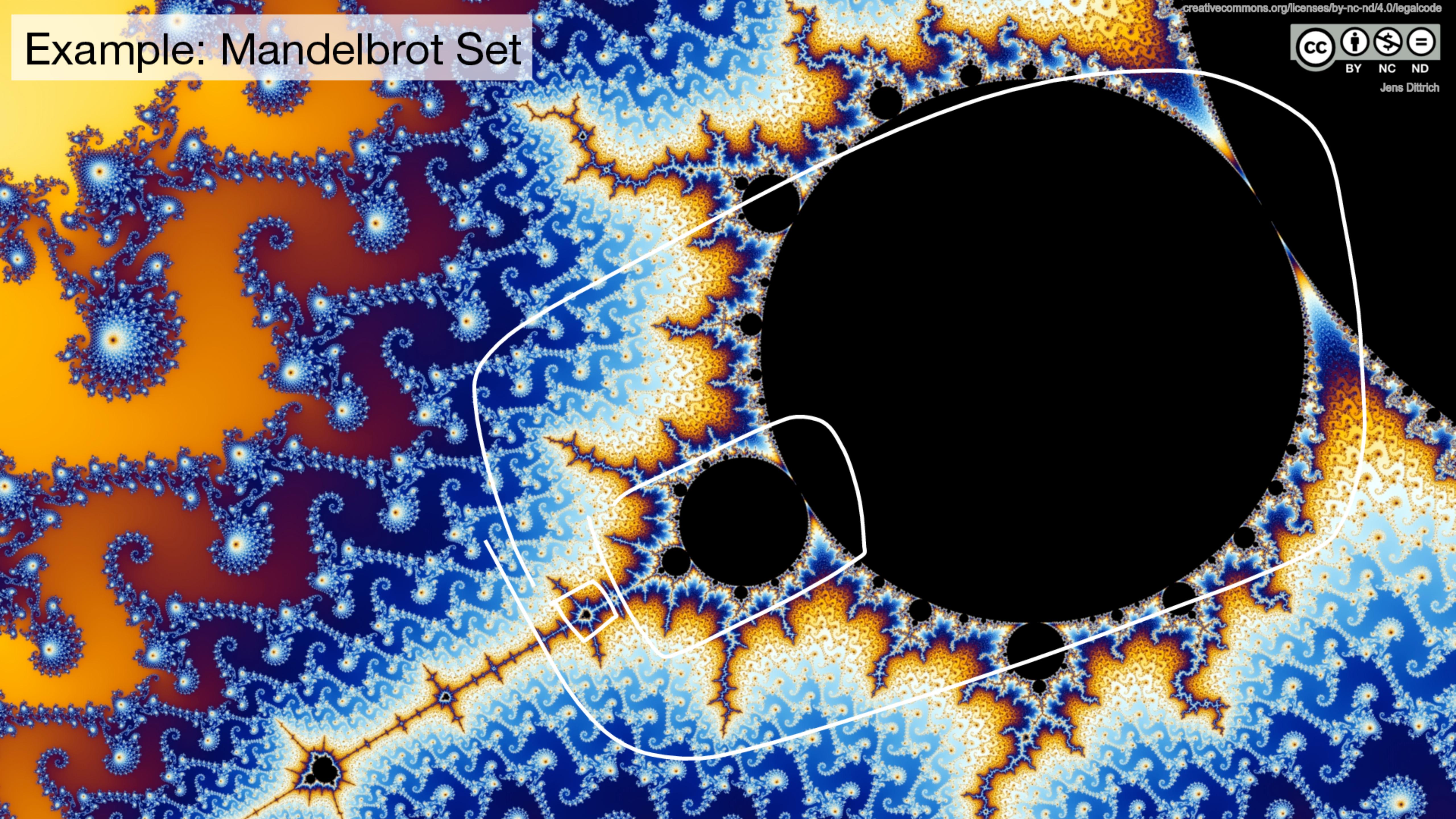
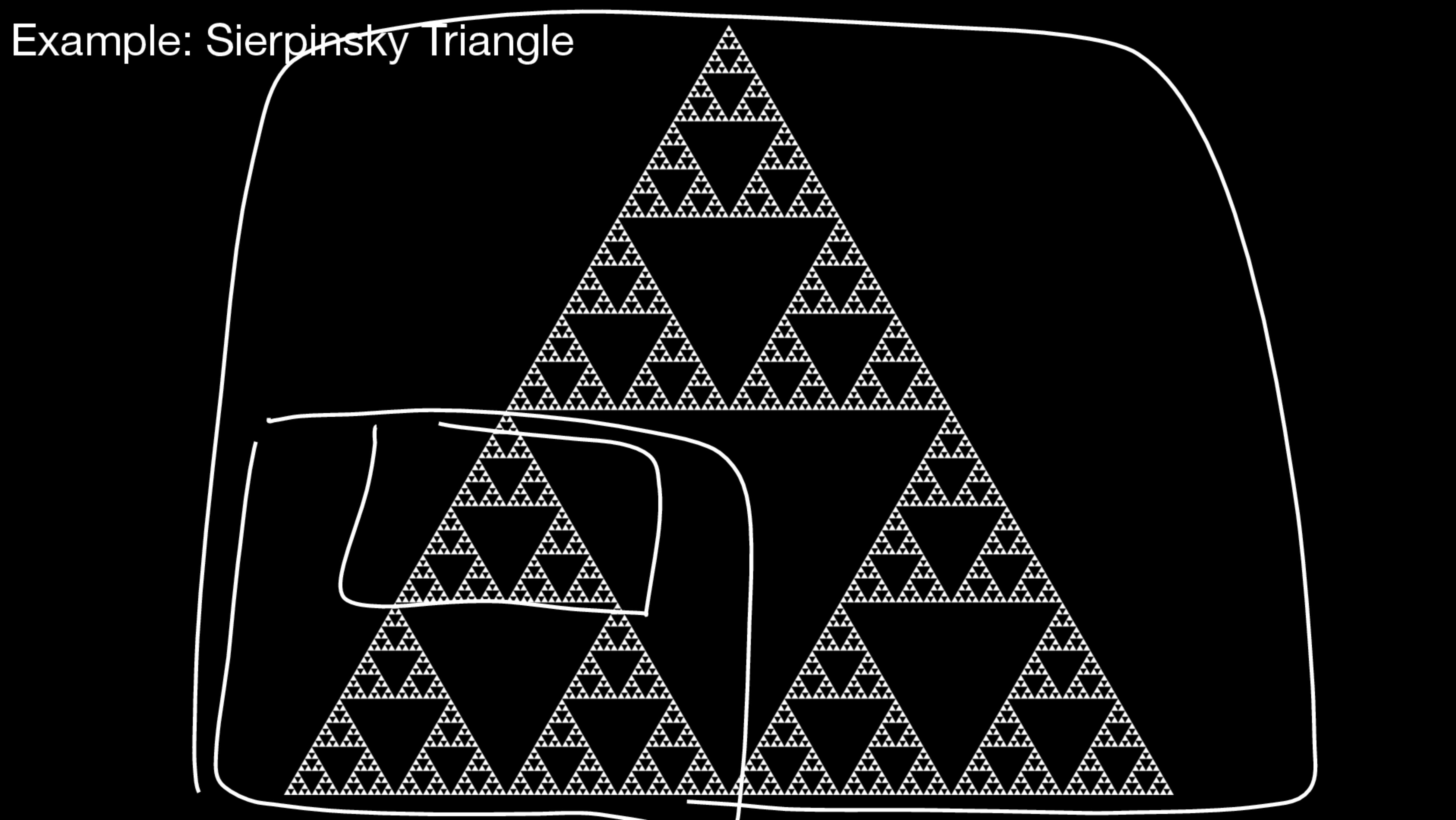


BY NC ND

Jens Dittrich

Example: Mandelbrot Set





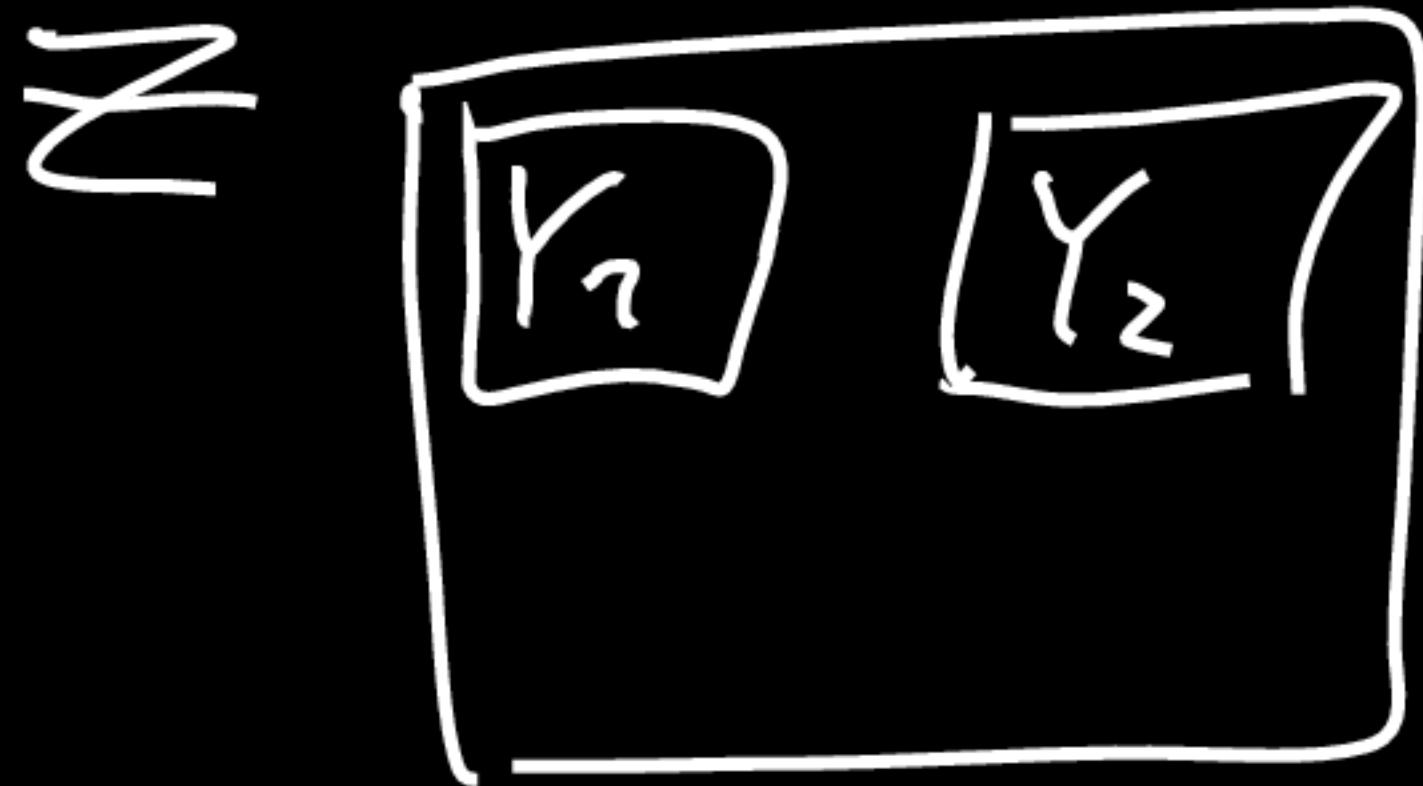
Example: Sierpinsky Triangle

The Fractal Design Pattern

given:

method X operating on granule Y

Y is component of larger granule Z



solution:

adapt X to solve problems for granule Z

The Fractal Design Pattern

advantages:

same code, same tests

no need to reinvent the wheel

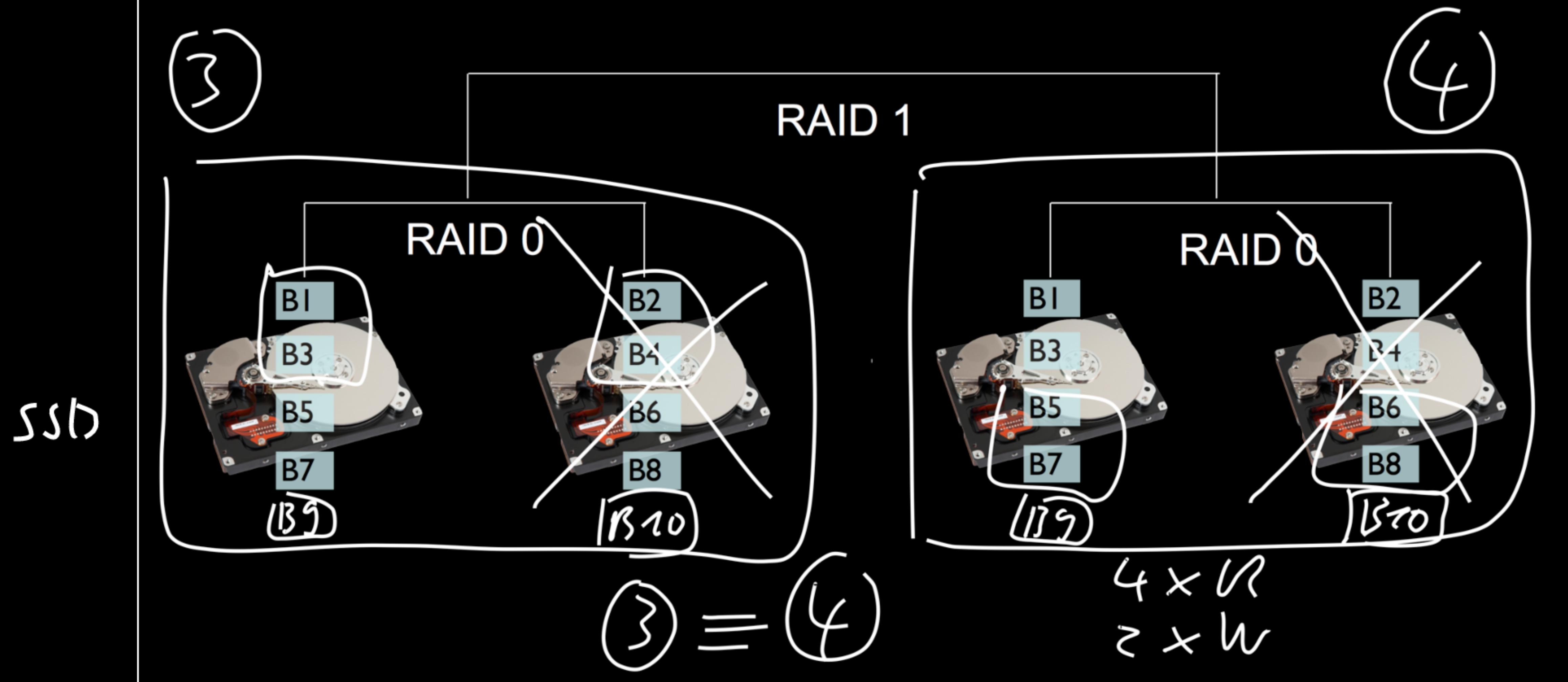
drawbacks:

solution not necessarily perfectly suited to work on multiple granules

The All Levels are Equal Pattern is just a special case of this one!

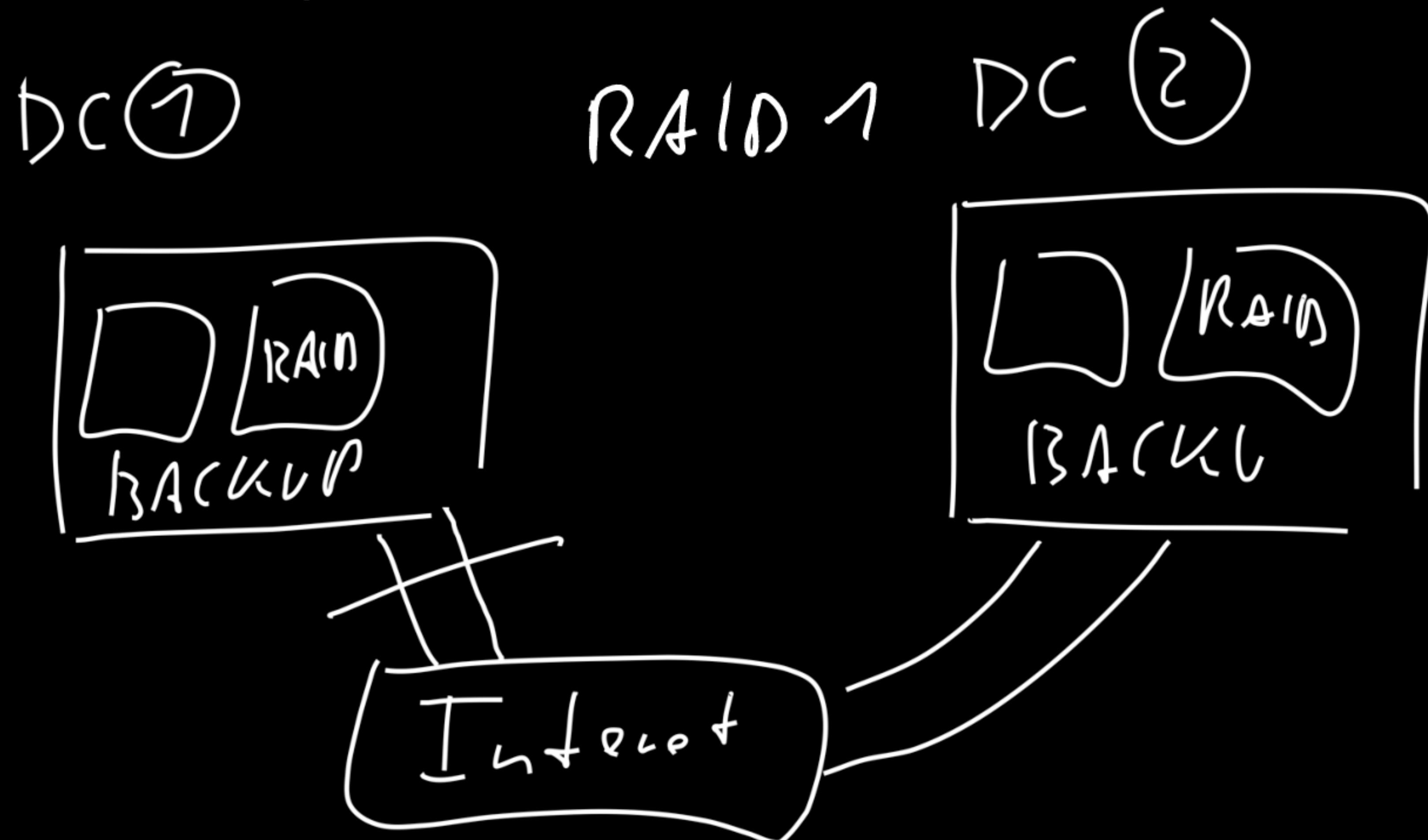
Example: Nested RAID

RAID 0+1 or RAID 01



Example: The Data Redundancy Pattern

Data Center Example



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