

	CPUs	Bandwidth	Software	Data
Devices or Instance Level	Moore's Law	Gilder's Law	Stallman's Law	Bermuda Principles
Network Level	Grids	Metcalfe's Law	Linus's Law	Pearson's Law

Table 2.10: As components become commoditized, their numbers increase and network effects become apparent.

barriers to entry. These characteristics explain, in part, the rocky road many good technologies have in the market, and the longevity of many poor technologies. We return to this subject in Chapter 4.

Each of the commoditized technologies described in this chapter have a corresponding network effect. See Table 2.10. For example, the emergence of global grids of computers can be thought of as the corresponding network effect for Moore's Law for processors, in the same way that Metcalfe's Law is the corresponding network effect of Gilder's Law for bandwidth. The network effects corresponding to software and data are just beginning to emerge. We will consider network effects associated with data briefly in Chapter 5.