Dreaming In Code

1. Chapter.0

* The person who said “software is hard” was named Donald Knut. He was the author of the programming field’s most respected textbook.
* Programmers count from the number 0 because that is where a computer program counts from.
* The original sense of a hacker was to find problems with a program and try to mess with it.
* In 2002 there was 66 % of software that came in significantly late.
* Fredrick P. Brooks, Jr. wrote “No Silver Bullet” in 1987.

1. Chapter.1

* Michael Toy is the manager of the project. John Anderson is the project’s lead coder. Jed Burgess is the project’s younger programmers. Mitchell Kapor is the founder and funder of the Open Source Applications Foundation. And Lou Montulli was another programmer.
* Bugzilla is a list of bugs that are still unsolved or open that still need to be fixed.
* (OSAF) stands for Open Source Applications Foundation.
* Project name is the Chandler project.
* The software will be a personal information manager… organize information in one’s life.
* The keyword was “Bugzilla”
* “Snakes” was how Toy described an “important problem they don’t have consensus on how to attack.”
* Slippage means, being late.
* Fredrick Brooks was a programming manager for the IBM System/360.
* Brook’s Law is “Adding manpower to a late
* 16% was spent writing code
* 50% was spent fixing and testing bugs.
* Only when a task can be partitioned among many workers with no communication among them
* Source code is the thousands of lines of human- written program code that was grist for the complier. While the program you install on your computer is a type of software that one can’t fix.
* Good programmers know what to write. Great programmers know what to rewrite (and reuse)
* No open source has not refuted Brooke’s “Mythical Man-Month”

1. Chapter.2

* In witchcraft, somebody had a small secret and guarded it without letting anyone know what it is about. Science though builds off of people looking at other people for results.
* The concept of pulling one’s self up by the bootstraps to describe the paradox of getting a computer up and running.
* GUI was developed at Xerox’s Palo Alto Research Center
* J

1. Chapter.3

* Because you almost certainly won’t get it right the first time.
* A core dump is when the computer drops everything, grinds to a halt, and spits out a file reporting the exact contents of its memory
* They called it “mov”
* Automatic coding system

1. Chapter.4

* Front end is the part of the program that deals with you. Back end is the result of the front-end events and inputs go so the computer can make sense of them, save them, and retrieve them.
* When people dream of streamlining the work of making software, most often they dream of standardized plug-in parts.
* Nothing was consistent. Some pieces were small some problems were big.

1. Chapter.5