GET /management

· · ·

an introduction for software engineers

Wait, isn't this a tech meetup?

Poll

What is management?

...

Management == Project Management?

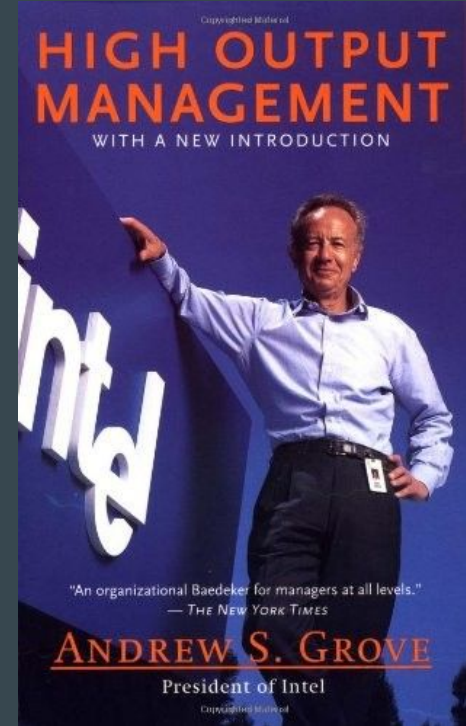Management == Leadership?

Management == Scrum?

Management == Allocation of Capital?
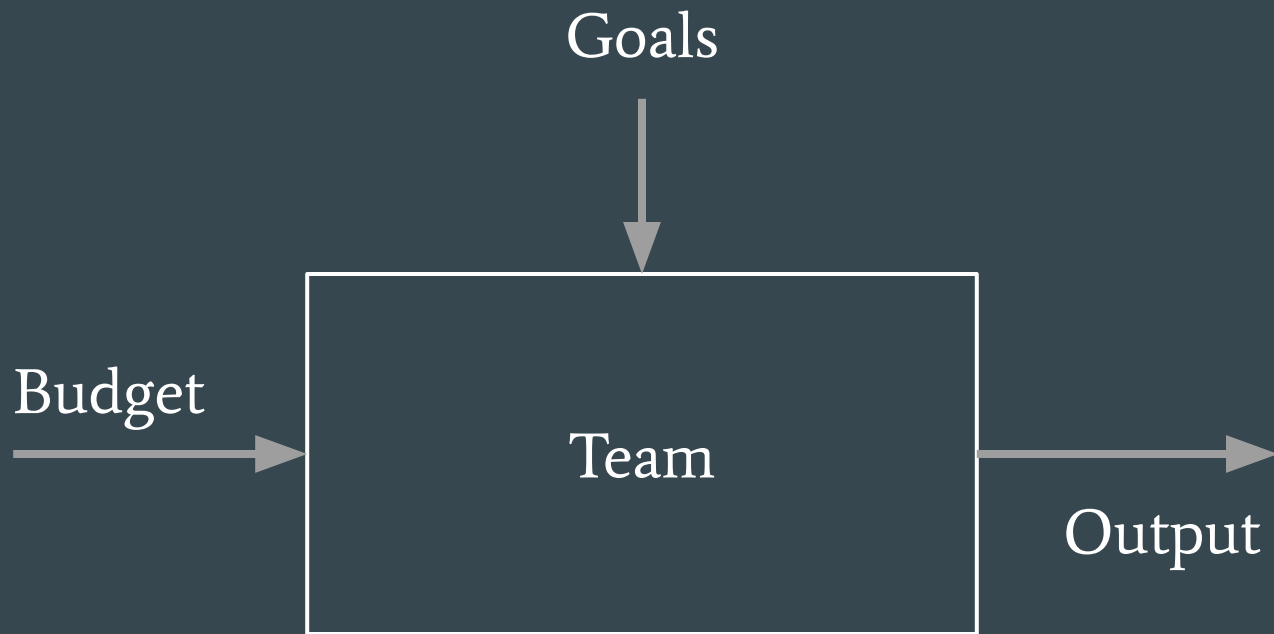
High Output Management
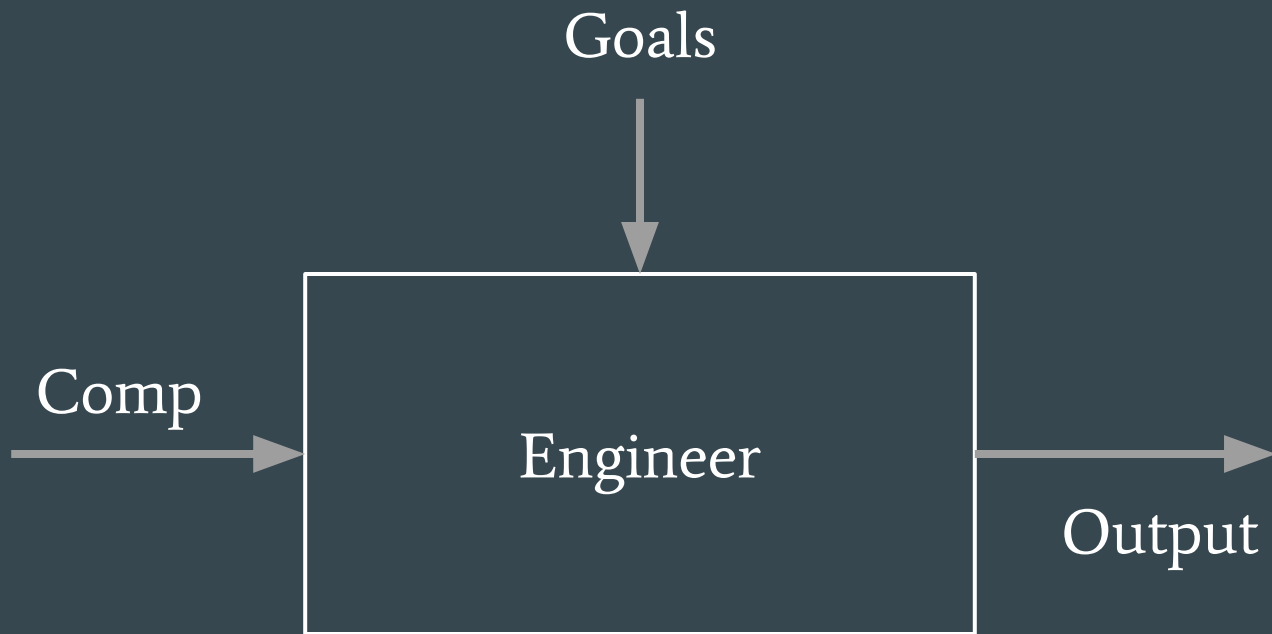
"A manager's output =

the output of his organization +

the output of the neighboring organizations under his influence"

HIGH OUTPUT MANAGEMENT
WITH A NEW INTRODUCTION

"An organizational Baedeker for managers at all levels."
— THE NEW YORK TIMES

ANDREW S. GROVE
President of Intel

Management is a means of abstraction
for an organization

Goals

Budget

Team

Output

Goals

Comp

Engineer

Output

Goal: Increase
Value

Capital

Enterprise

Output

Teams are Modules

Managers are their Public Interfaces

Managerial Leverage & Task-Relevant Maturity (TRM)

TRM = 1/(required oversight)

	Low TRM	High TRM
Low Oversight	Epic Fail	Leverage
High Oversight	Development	Micromanaging

Managers vs. Engineers

Management skill set - or is that engineering?

- creating processes
- anticipating problems
- creative problem solving
- monitoring performance of systems
- designing communications structures
- architecting concurrent systems
- collecting and understanding data
+ leadership

Common Failure Modes

•••

For Engineers as Managers

Staying in the Code
aka: doing your old job
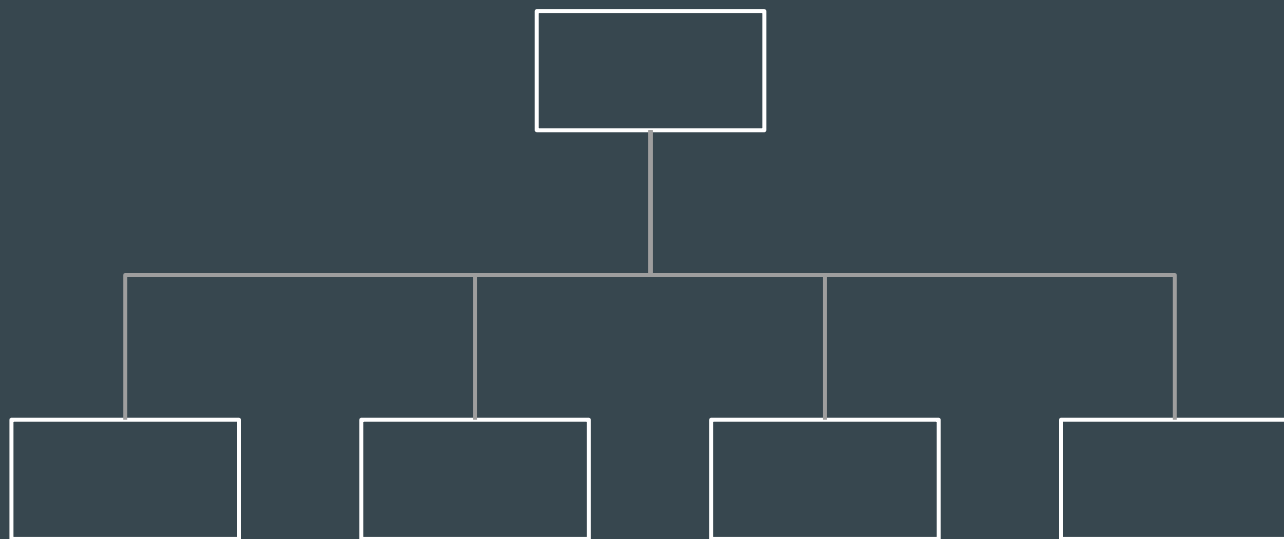
Being a Reluctant Manager

Not Hiring the Best

Engineers Gone Wild

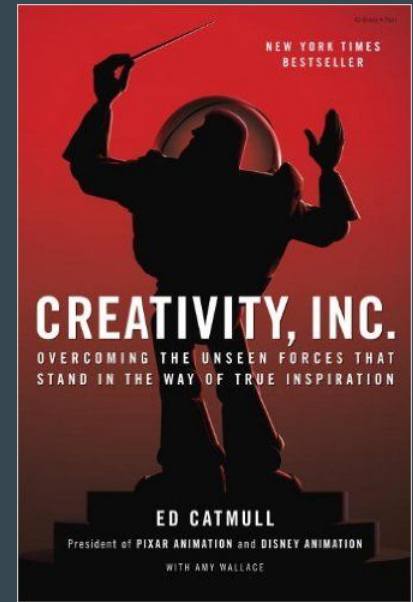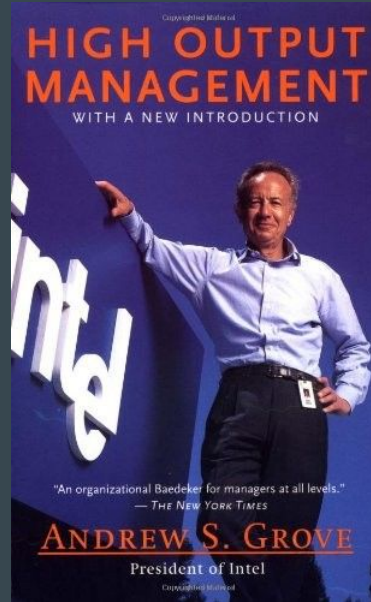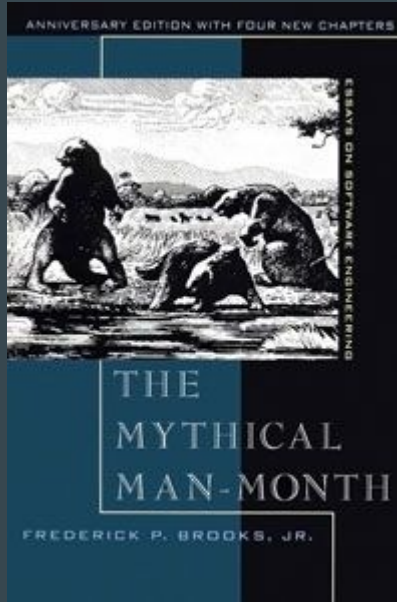"We're a very flat organization."

Transitioning to Management

•••

You are here

Recommended Reading

Wrapping Up

- Management != rocket science but respect it
- Engineering is a great background for management
- If you're gonna do it, do it well

Was this useful?

Questions?
...