SRECon April 7, 2016
Jennifer Davis
Twitter: @sigje
#mtu_srecon
<table>
<thead>
<tr>
<th>Date</th>
<th>1-1</th>
<th>Team Meeting</th>
<th>Tasks</th>
<th>Projects</th>
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Monitor these 3 types of signals.

- Technology
- Organization
- Process

CC Image courtesy of Train Signal at Brogdale Farm courtesy of Oast House Archive
Monitor Technology Signals

- Dependencies,
- Consumers to producers, and
- Value generation.
Monitor Dependencies

- chef-client
  - cron
  - logrotate
  - windows
    - chef-handler
module.exports = leftpad;

function leftpad (str, len, ch) {
  str = String(str);
  var i = -1;
  if (!ch && ch !== 0) ch = ' ';
  len = len - str.length;
  while (++i < len) {
    str = ch + str;
  }
  return str;
}

left-pad
Monitor consumers to producers.
MONITOR CONSUMERS TO PRODUCERS.
MONITOR VALUE GENERATION.
Monitor Organization Signals

- Affinity,
- Single points of knowledge, and
- Burnout.
MONITOR AFFINITY.
MONITOR AFFINITY.
Monitor single points of knowledge.
MONITOR BURNOUT.
Graphing productivity and overtime

- **40 hours a week (steady)**
- **60 hours a week (declining)**

Productivity over time:
- Start
- 2 weeks
- 4 weeks
- 6 weeks
- 8 weeks

Image courtesy of Laws of Productivity
Graphing recovery from crunch

1. Crunching
2. Crunching ends
3. Team recovers
4. Return to baseline

Typically $A \leq B$

Image courtesy of Laws of Productivity
Monitor Process Signals

- Excessive gating of processes,
- Life cycle of products,
- Hiring and Termination.
MONITOR EXCESSIVE GATING
Monitor SLC Processes.

npm unpublish software issue
Monitor Hiring and Termination Process.
Monitor these 3 signals

- Technology
- Organization
- Process
THANKS!
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