

Imagine...

- That you're fed up with software development as a career
- And you decide to go into the landscaping business
- Your first job is moving this pile of rock from the front of my house to the back



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How might you estimate this?

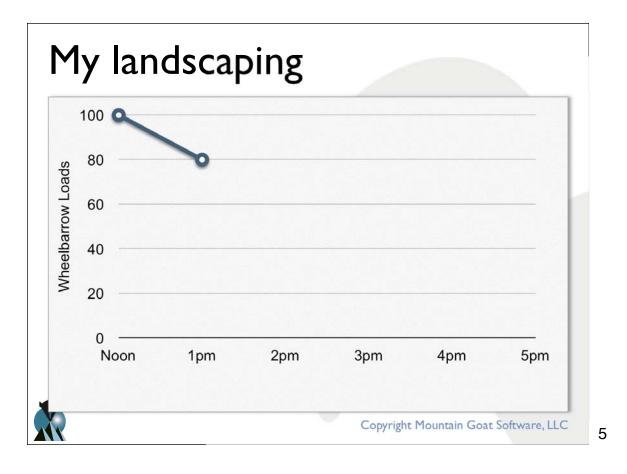
- One way:
 - Look at the pile of rock and estimate how many wheelbarrow loads it represents
- After an hour, see how many wheelbarrow loads you've moved then extrapolate the total duration

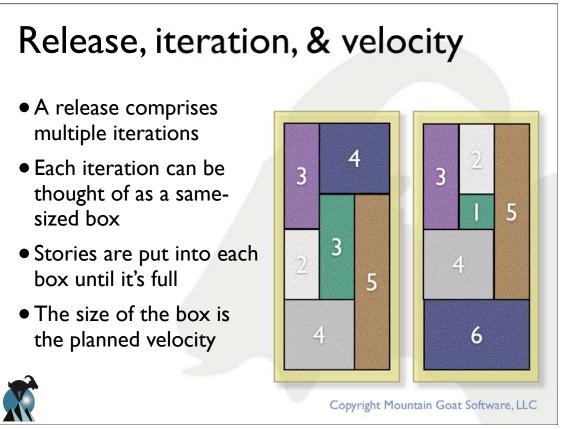


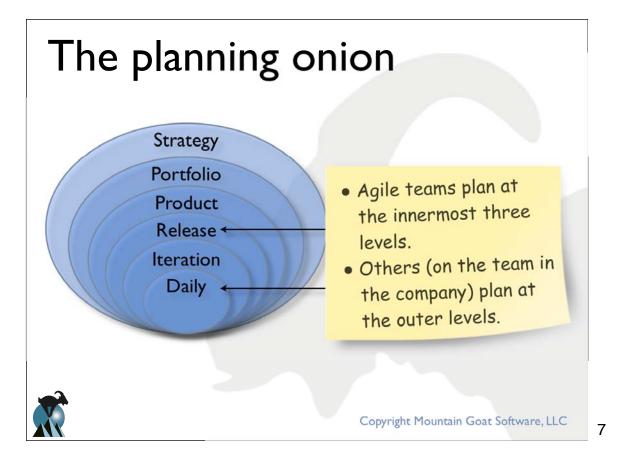
- I think that's 100 wheelbarrow loads
- After an hour I've moved 20 loads
- So, I'll be done in a total of 5 hours

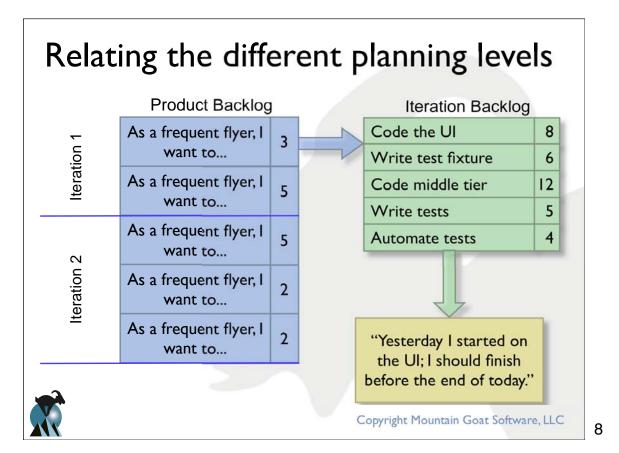


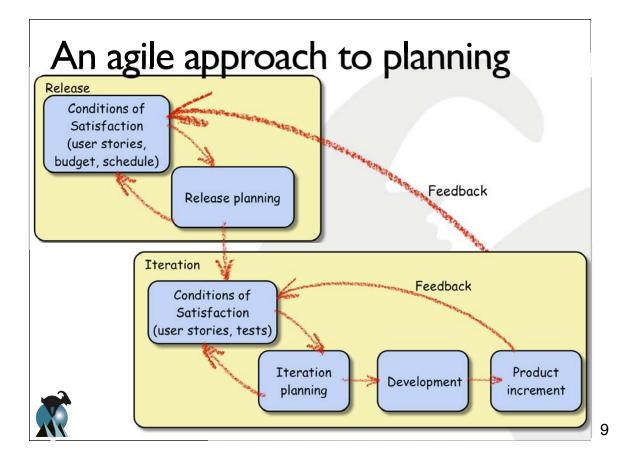
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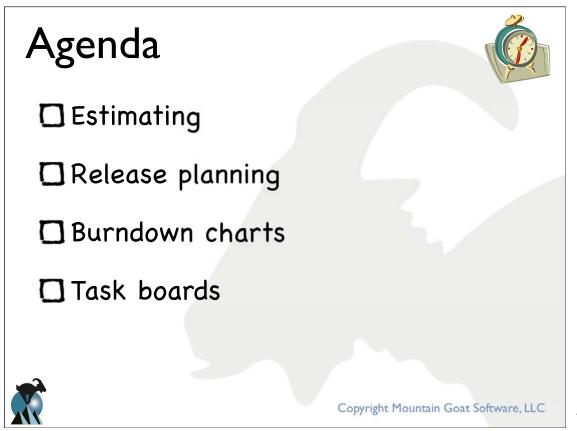








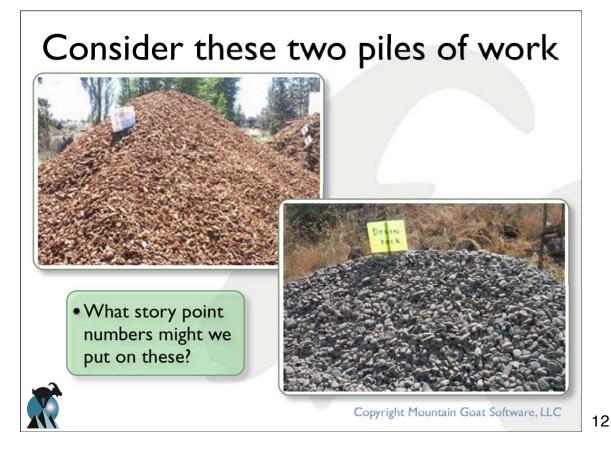




Story points

- The most common way for agile teams to estimate these days is in "Story Points"
 - Based on a combination of the size and complexity of the work
 - Unitless but numerically relevant estimates
 - A 10-point story is expected to take twice as long as a 5-point story



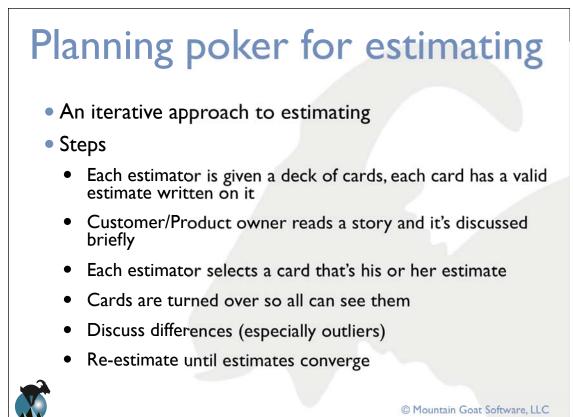


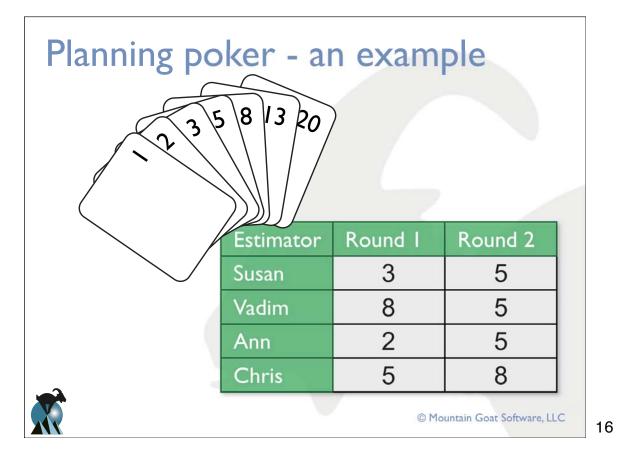


Two key advantages

- Estimating in story points
 - I. Forces the use of relative estimating
 - Studies have shown we're better at this
 - 2. Focuses us on estimating the size, not the duration
 - We derive duration empirically by seeing how much we complete per iteration
 - 3. Puts estimates in units that we can add together







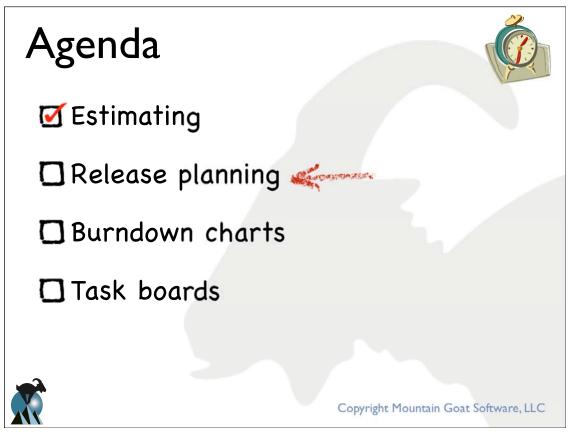
Why planning poker works

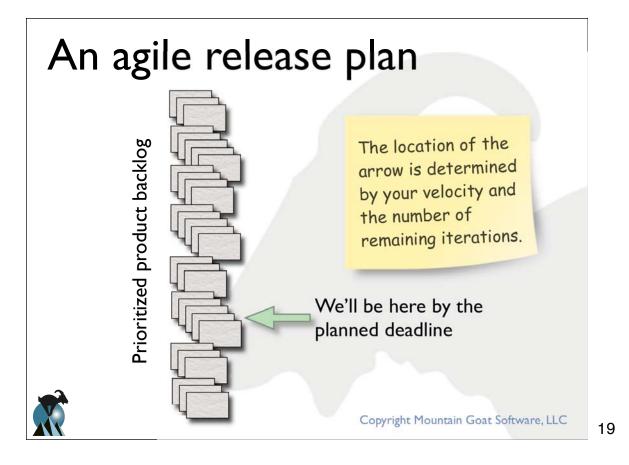
- Emphasizes relative estimating
- Focuses most estimates within an approximate one order of magnitude
- Everyone's opinion is heard
- Estimators are required to justify estimates
- Estimates are constrained to a set of values

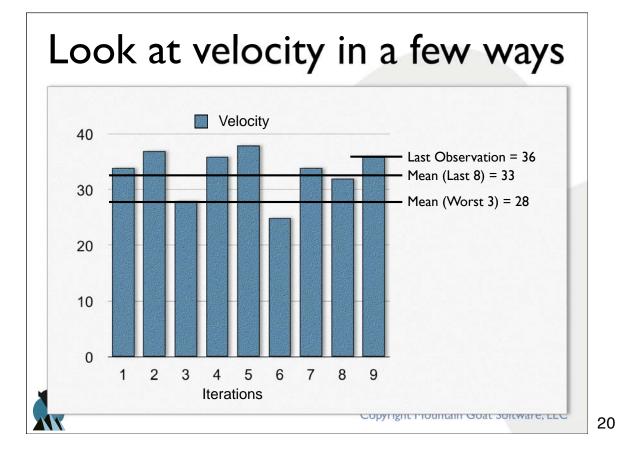


It's quick and fun

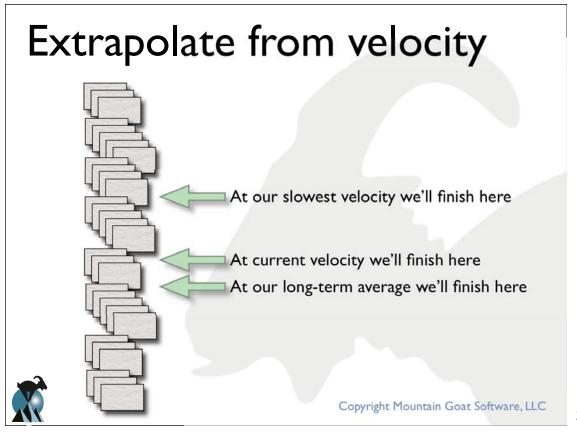
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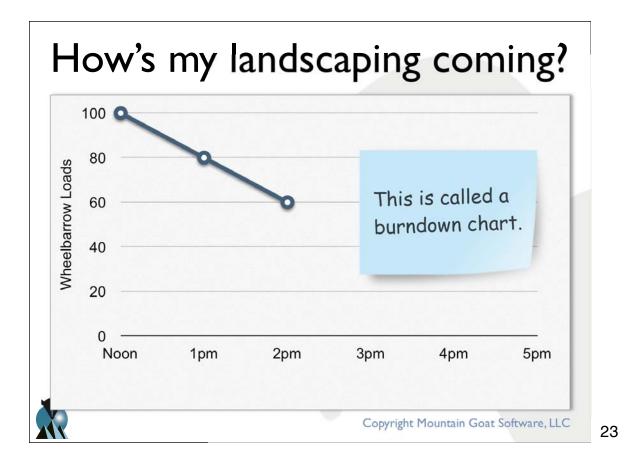


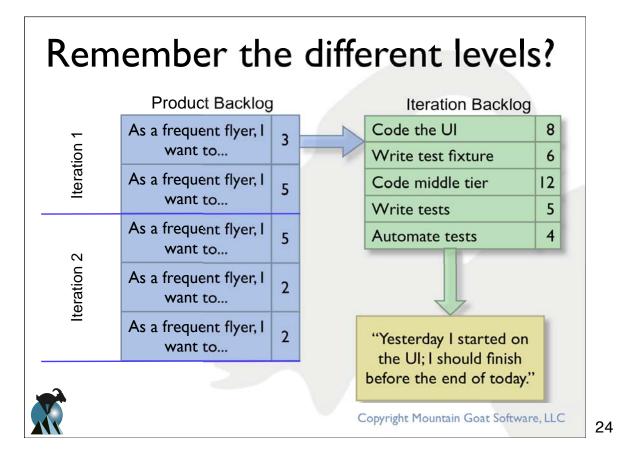


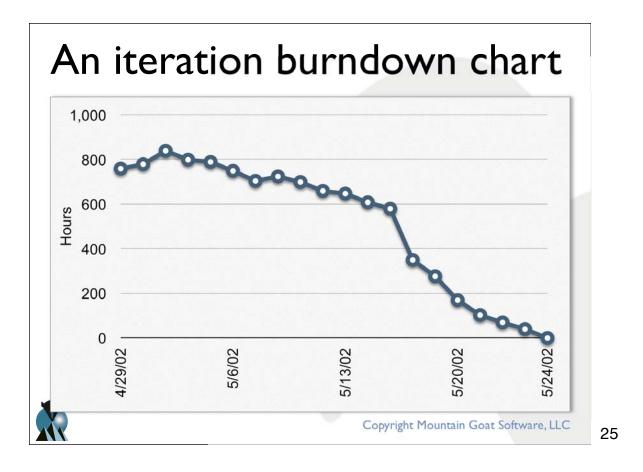
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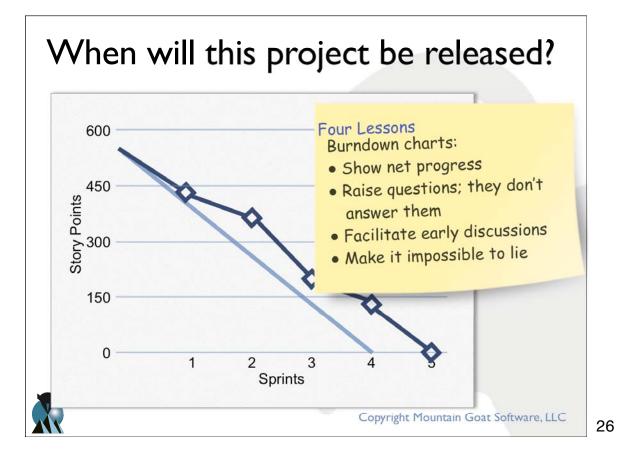








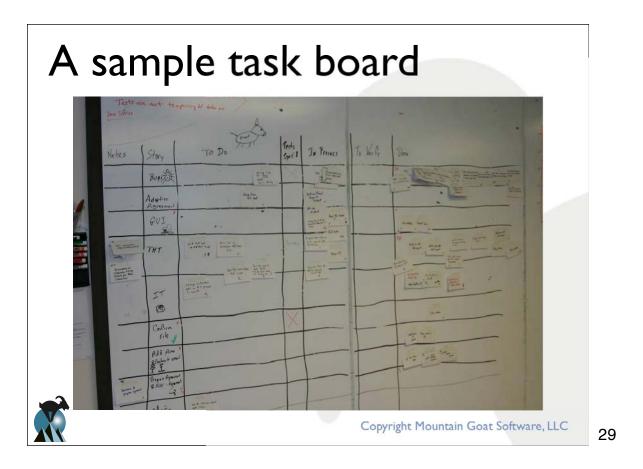






Task boards To In To Do Story Done Process Verify Code the ... Test the ... As a user, I ... Code the ... Test the ... Code the ... 8 points 6 D Test the... 9 8 SC DC 4 - 90 Code the ... Code the ... Test the ... Test the ... 2 8 SC Test the ... SC 8 SC Test the ... Test the ... Test the ... - SC 6 8 4 Test the ... As a user, I ... Code the ... Code the ... Test the ... 5 points 8 8 DC 8 SC Test the ... SC Test the ... Code the ... Code the ... SC 6 4 6 Copyright Mountain Goat Software, LLC

27

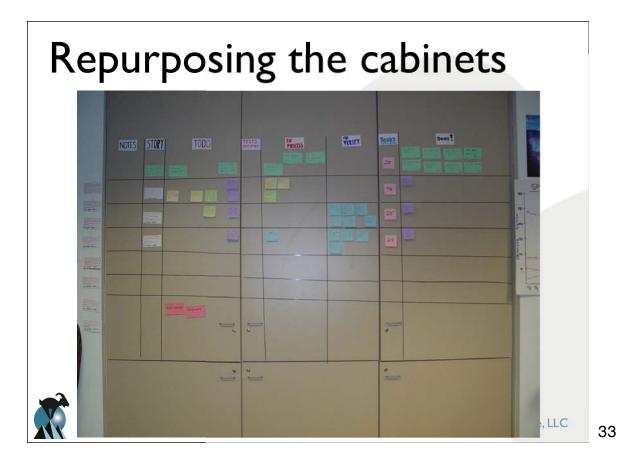








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