### Enough of Process -Let's Do Practices

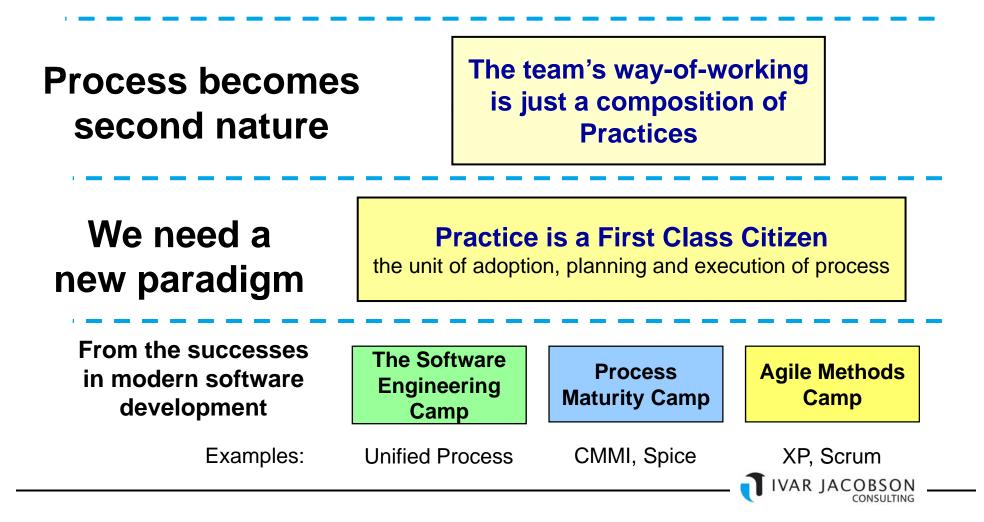
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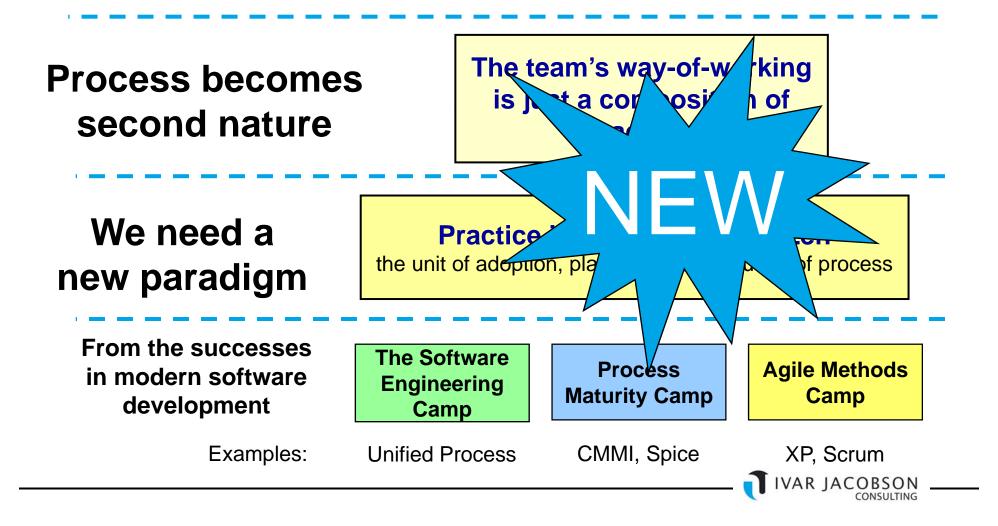
### **Enough Process – Let's Do Practices**

### In the future, an ever present but invisible process



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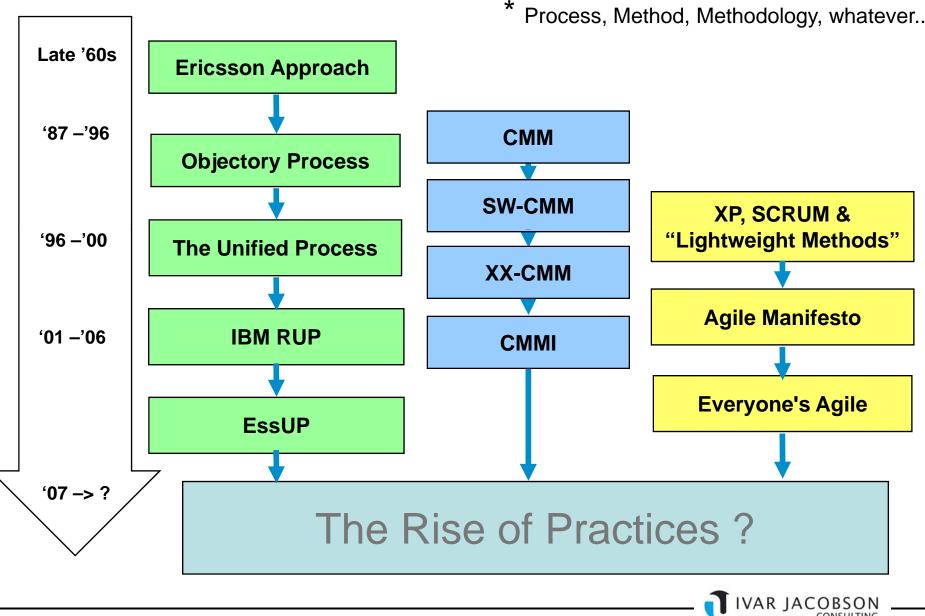


### Agenda

- A little bit of history
  - Thoughts from 40 years of practice development
- What makes a good practice?
  - When is a best practice a well-formed practice?
- Harnessing the power of practices
  - The real enabler of sustainable change
- Wrap up

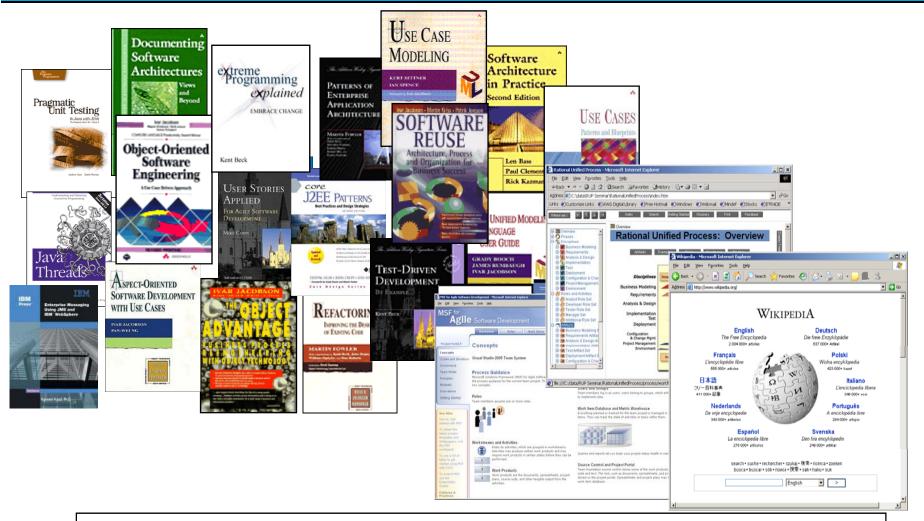


### 40 years of process\* development



Process, Method, Methodology, whatever...

### What else have we learnt? They're hard to learn...



### You can get knowledge from books . . . ....or from a web-site.

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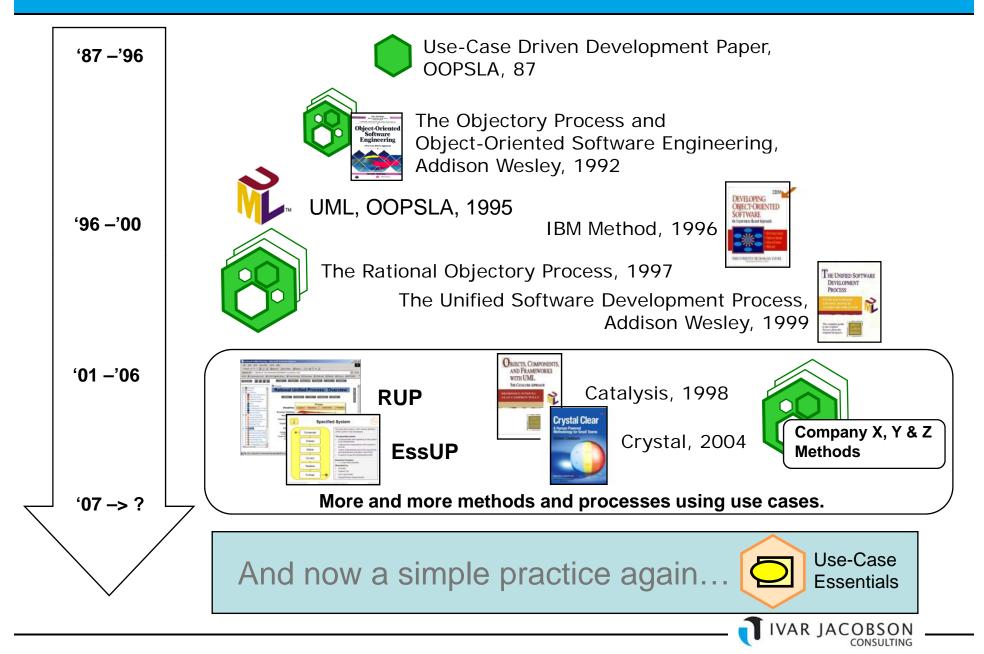
### ...and hard to love

- Every process tries to be complete
  - As a consequence every successful process will grow until it dies under its own weight
- Every branded process is just a soup of ideas "borrowed" from other processes
  - With some new idea(s)
- The process is out of sync with what the team does...
  - ...and the project process gap get wider and wider
- The project has to adopt an entire process
  - No-one uses an entire process or limits themselves to practices from one process

### It's no wonder no-one likes process.



#### A different perspective - 40 years of practice development



### What can we conclude from all this?

- There is no one-true process
- Processes and practices, like the rest of our industry, never stand still
- Good practices stand the test of time
- We need a new way to share the knowledge
  - books and web-sites are not enough

## A new approach is needed – one that **frees the practices from the tyranny of processes**.

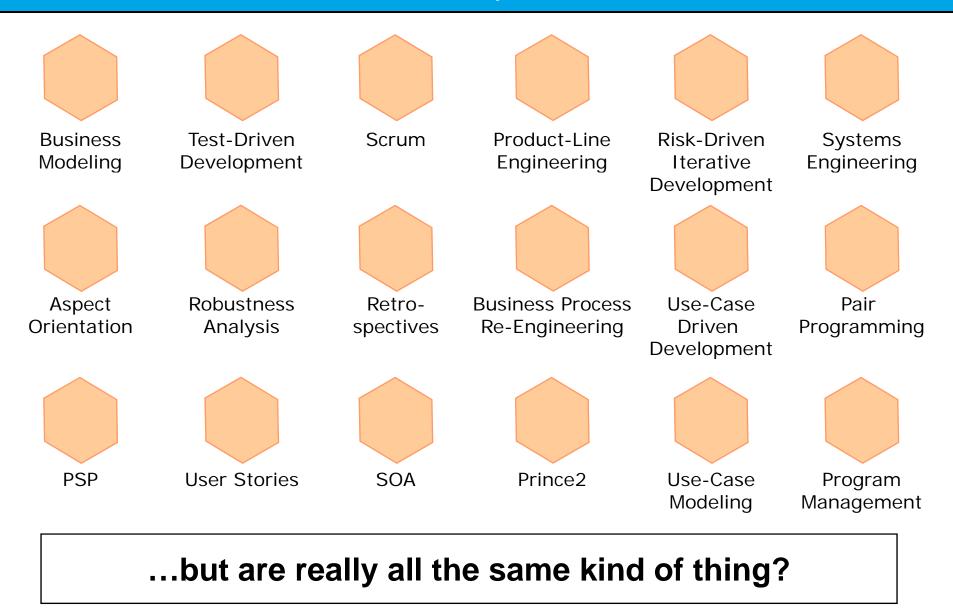


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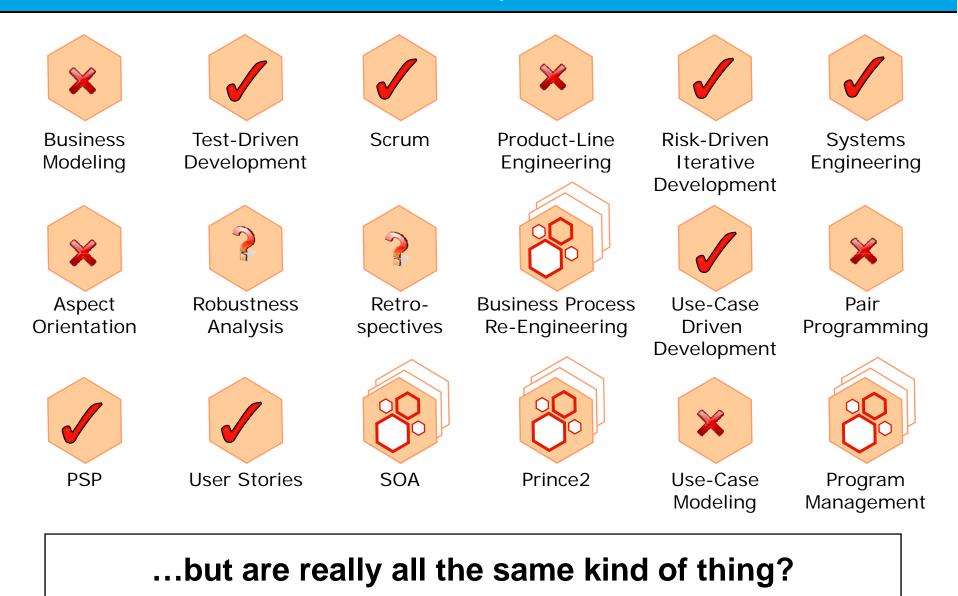


### There are 100's of so-called practices...





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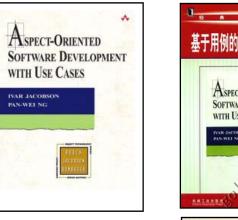
### We need a shared definition of "practice"

### **Pragmatics**

- A practice provides a way to **systematically** and **verifiably** address a particular aspect of a problem.
  - A Practice has a clear beginning and an end allowing it to be separately applied
- Examples of practices are
  - Iterative development
  - Use case driven development
  - Project management à la Scrum
  - Team practice incl workshops, war room, pair programming, etc.

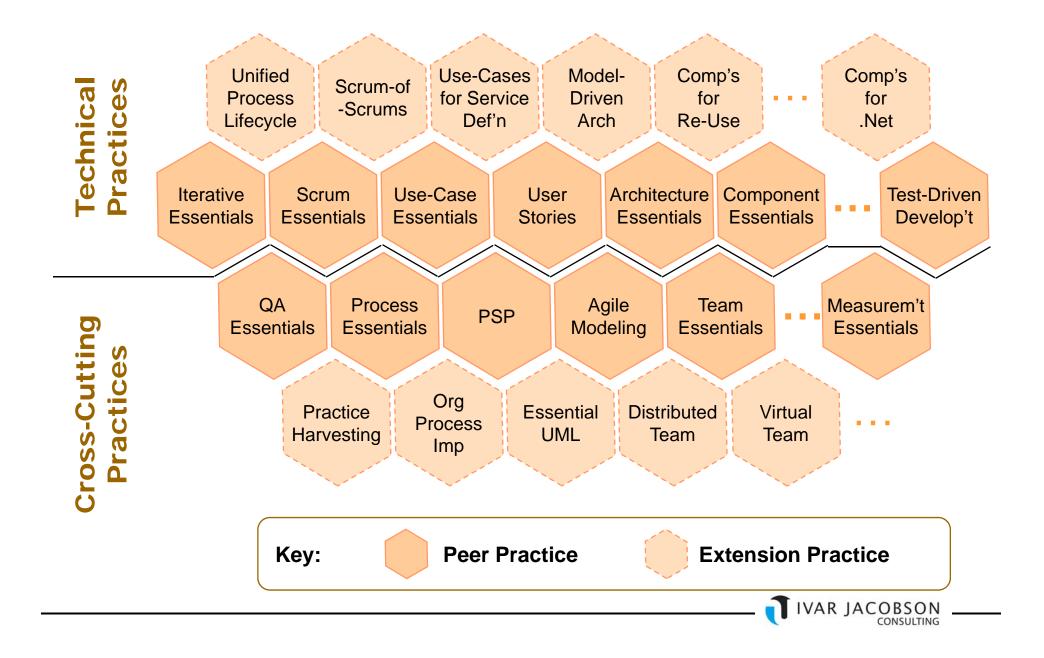
### More precisely

- A use-case module in our AOSD book
  - It has a beginning and an end
  - It may be a peer practice or extend an existing practice

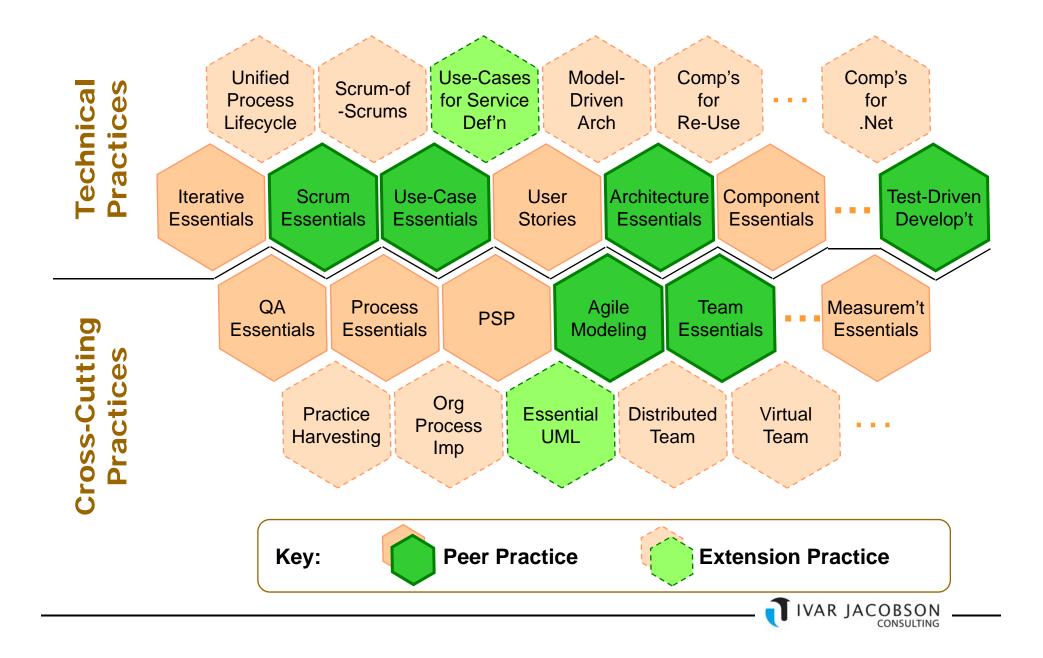




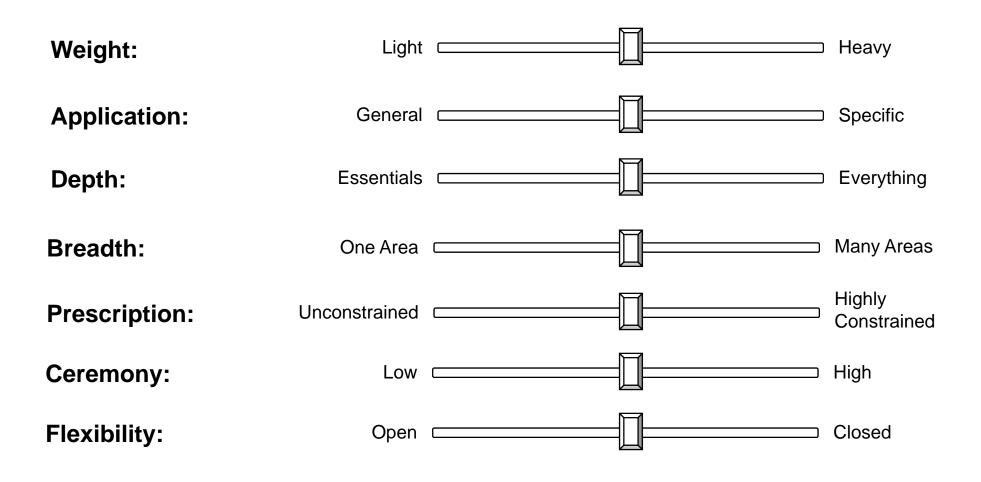
### There are different kinds of practice



### Processes are just collections of practices

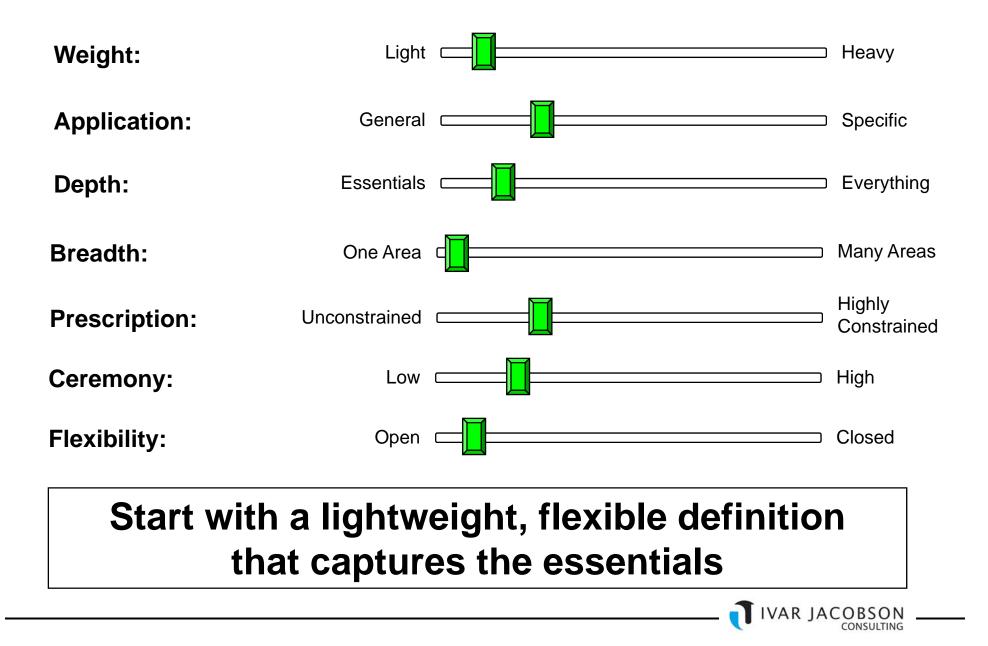


### Practice descriptions have many dimensions

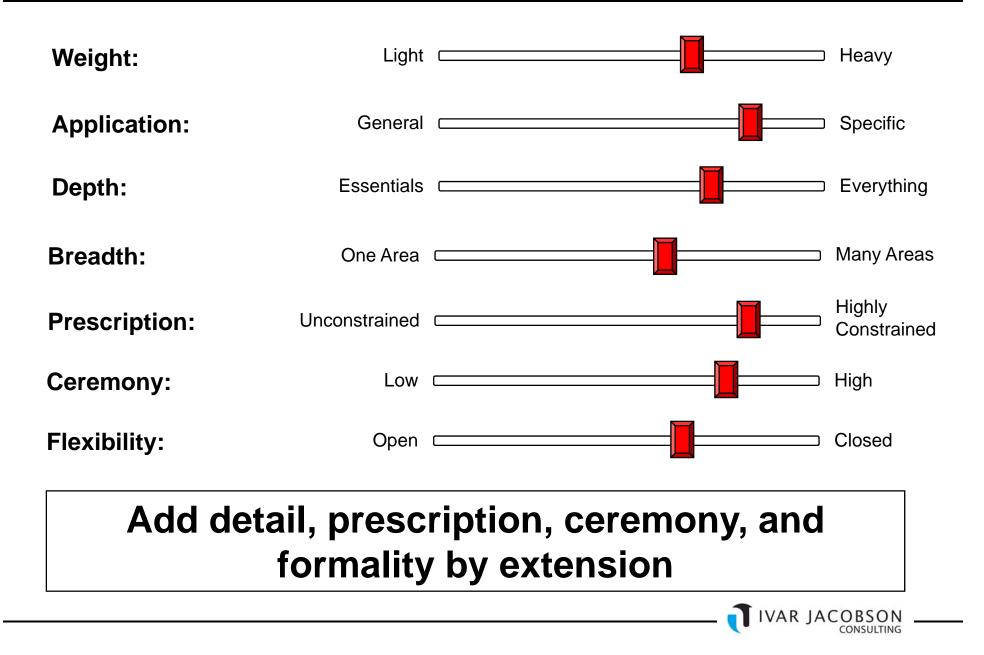




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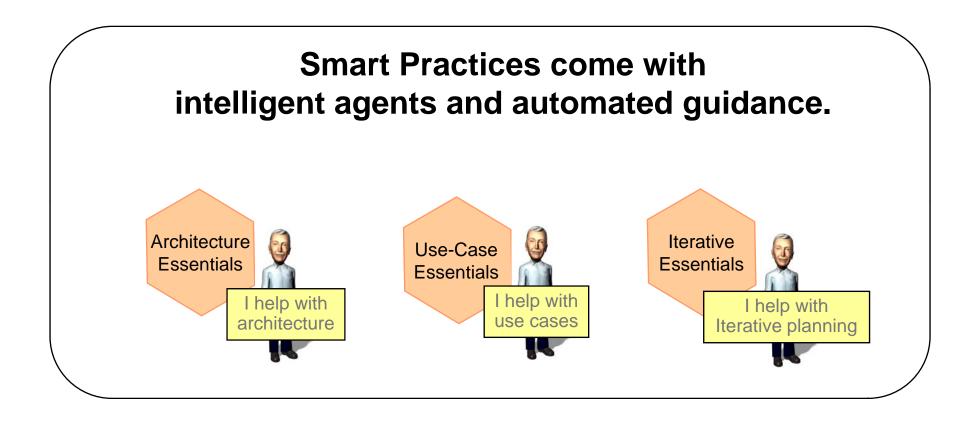
### But don't go too far



### Adding more and more detailed, step-by-step instructions doesn't help anybody.



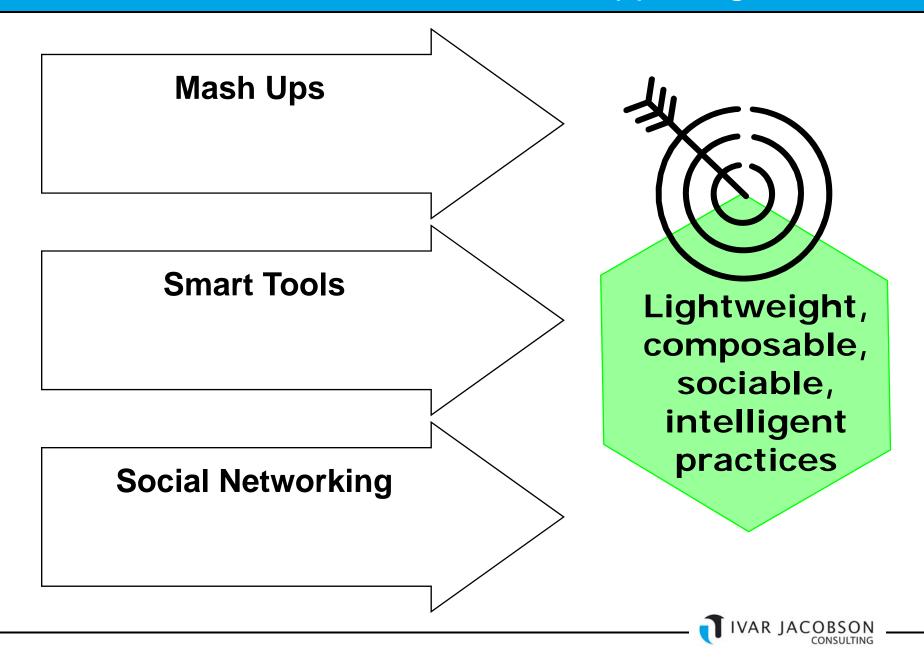
### People want smart, interactive practices



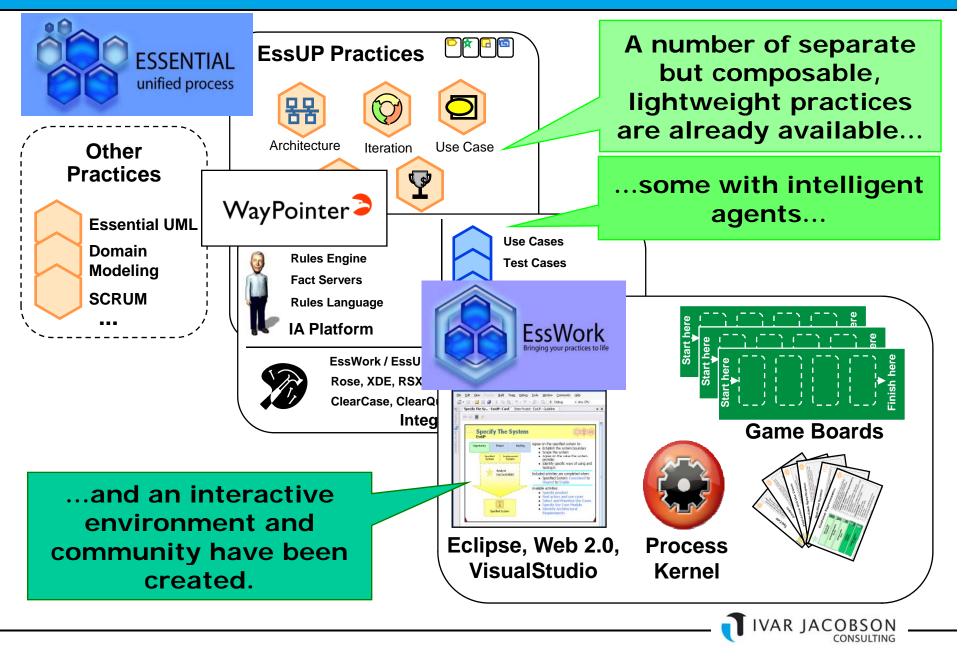
# Add active guidance, review, checking and help by automation.



### Practices need to embrace what's happening



### This isn't just hot air



### We've more than enough best practices...

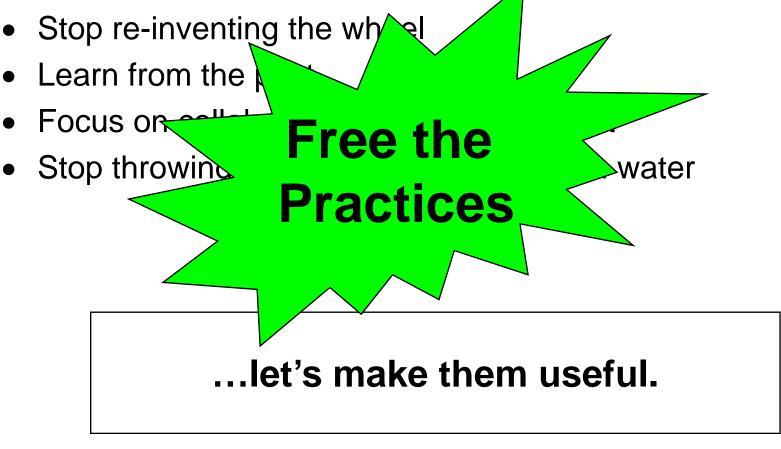
- Separate the practices from one another
- Combine them in innovative and exciting new ways
- Stop re-inventing the wheel
- Learn from the past
- Focus on collaboration and improvement
- Stop throwing the baby out with the bath water

### ...let's make them useful.



### We've more than enough best practices...

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*"Many team and organization change and improvement efforts are lost or badly bewildered. Decades of studies have consistently shown that 50–70 percent are failing."* 

Jim Clemmer, Pathways to Performance, Macmillan Canada and Prima Publishing

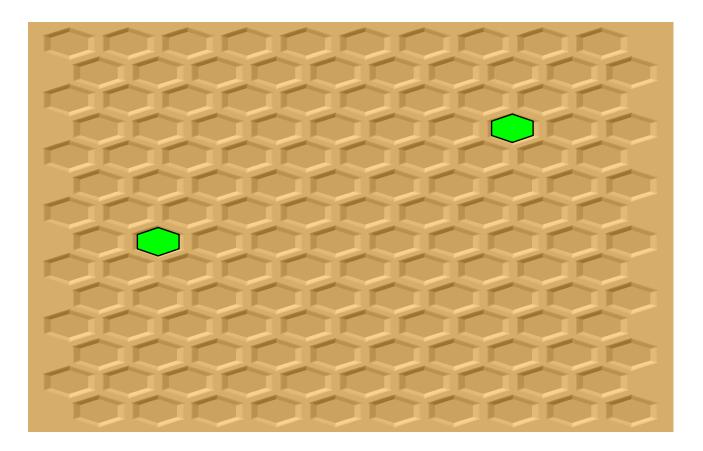
"...there's enough evidence of success to say that change is possible – and enough evidence of failure to say that it isn't likely."

Peter Senge, the 'father' of the learning organization

...and changing people is even harder.



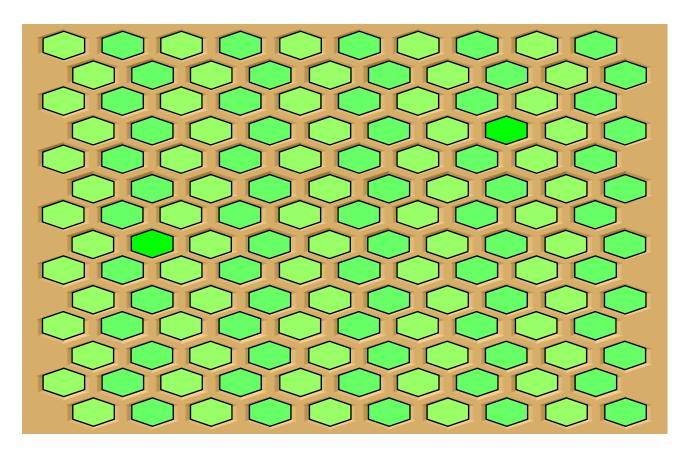
### What methodologists thinks happens in an organization



You put the process into one or two pilot projects...



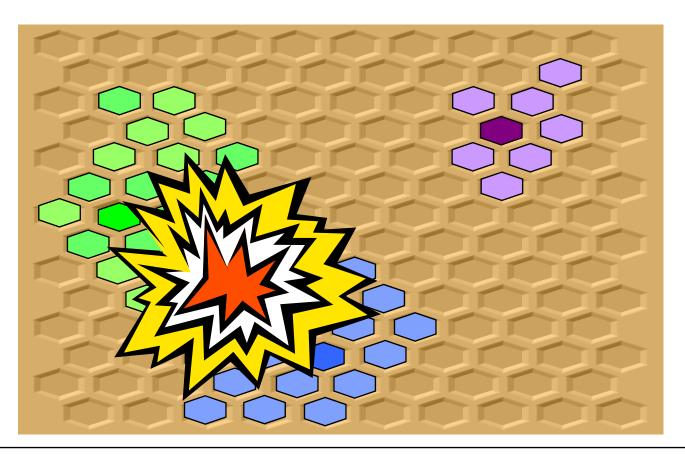
### What methodologists thinks happens in an organization



You put the process into one or two pilot projects... ...and then roll it out to everyone else. When everybody is using it the job's done.



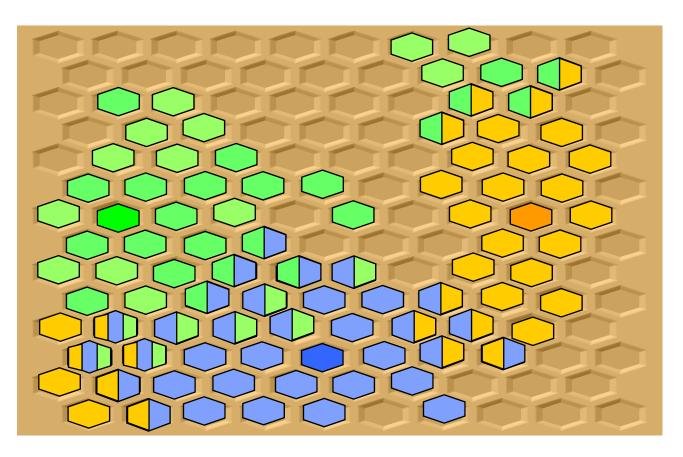
### What really happens



Whilst the first process is being rolled out other processes start to appear and spread. Successful ones continue to spread – others stall. When they collide "process wars" break-out.

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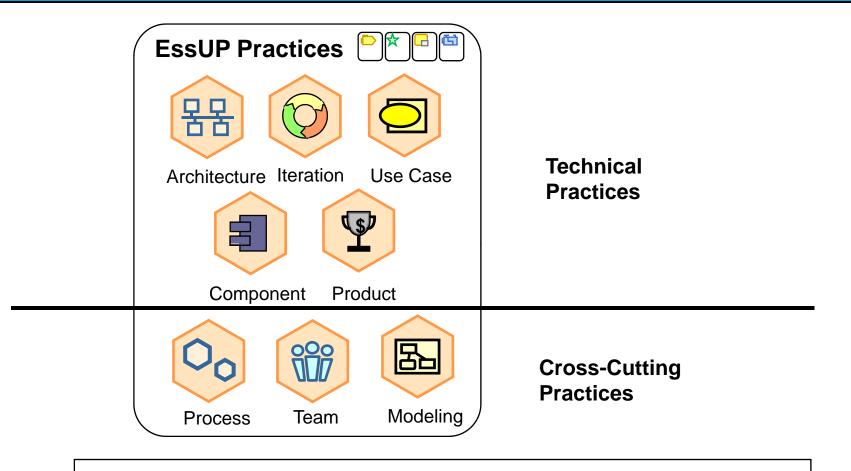
### Harnessing the dynamics of practice adoption



Practices can harness these dynamics to support long-term sustainable change.

They avoid conflict and interference by enabling seamless composition.

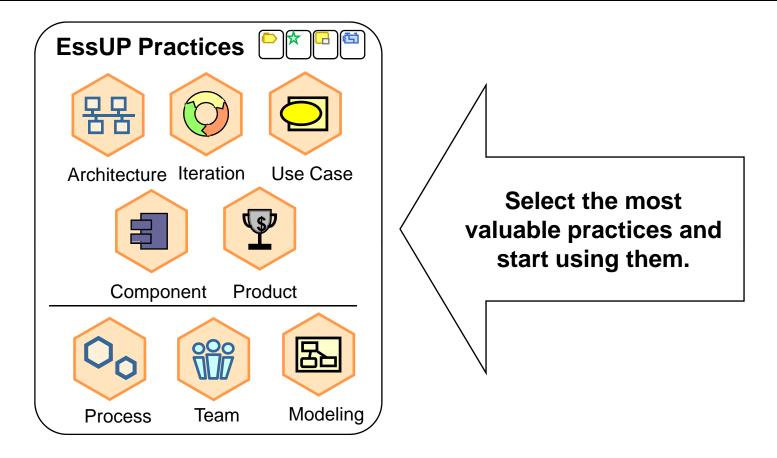
### The Practices in the Essential Unified Process



## EssUP practices have been successfully applied by many companies in many markets.



### They all start with two or three new practices

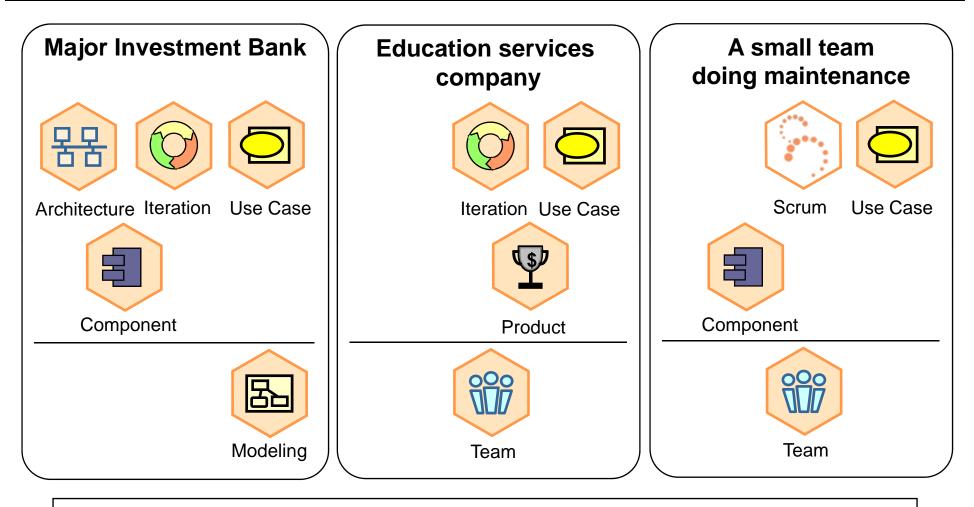




**"The way to get started is to quit talking and begin doing." Walt Disney (Pioneer of animated cartoon films. 1901-1966)** 

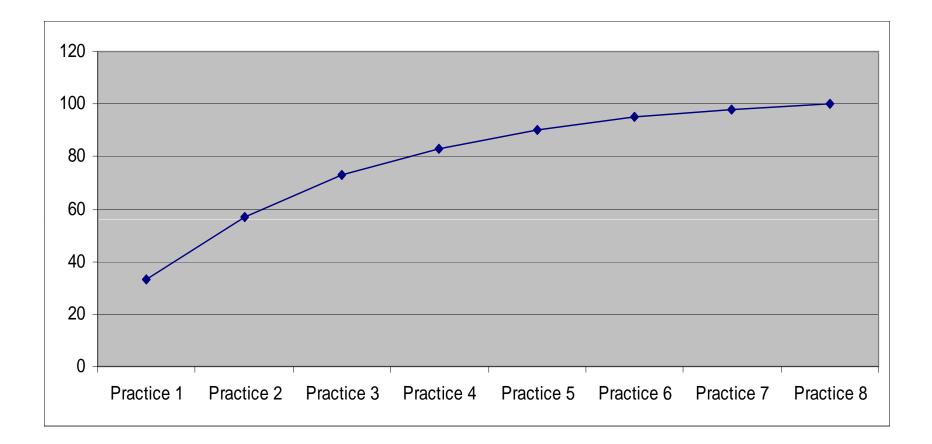


### Different teams use different selections of practices



Every team is different. Every practice adoption is different.

### How Practices Add Value



## The majority of the benefit comes from changing a small number of the right practices.



### Practice separation has many benefits

- You can learn practices individually
- You can apply practices separately
- You can adopt the practices you want, when you want, and at the pace that suits you
- You can mix-and-match practices from any source
- You only have to change the practices that need changing

Practice Separation: The key to successful, long-lasting process improvement.



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### Lessons Learned

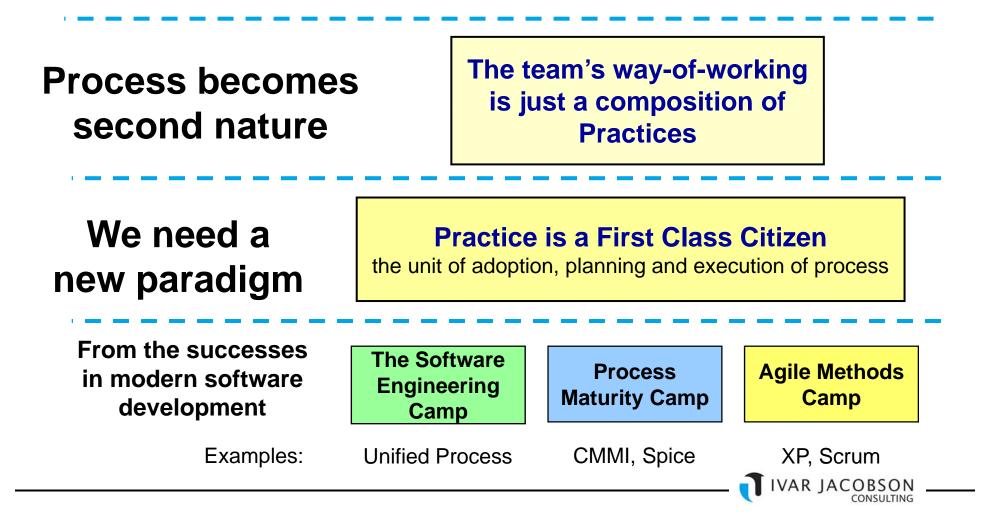
- Changing everything is too much and bound to fail
- Evolutionary and incremental change is possible... ...and practices provide the right unit of change
- Practice separation makes it easy to get started
- Always start from the essentials and only add more when needed
- Introduce tools and intelligent agents to support and sustain the change

Practice separation and incremental practice adoption really work.



### **Enough Process – Let's Do Practices**

### In the future, an ever present but invisible process



### But we need your help

- Don't be satisfied with brittle closed processes
- Don't be sucked into process wars and process engineering
- Don't close your mind to changes and innovations in the industry
- Build on the good practice you use today...
- ... to create new and exciting ways-of-working
- ....and evolve the next generation of truly best practices

### Let's capture and share all our practices.





