

Technology Update

Stephen Downes
February 24, 2008



The Future of Online Learning Revisited: Ten Years On

http://halfanhour.blogspot.com/2008/11/future-of-online-learning-ten-years-on_16.html



what

are we trying to do?

A photograph of several birds, likely Starlings, on a snowy surface. The birds are scattered across the frame, some facing the camera and others with their backs to it. They have dark plumage with some lighter patches on their wings and tails. The snow is bright white, and the overall scene is brightly lit, suggesting a sunny day. The text 'Ambient learning' is overlaid in the upper right corner in a white, sans-serif font. The text 'Ending the separation of life and learning' is overlaid in the lower left corner in a light brown, sans-serif font.

Ambient learning

Ending the separation
of life and learning

Objects that explain themselves...

the intelligent fishing rod

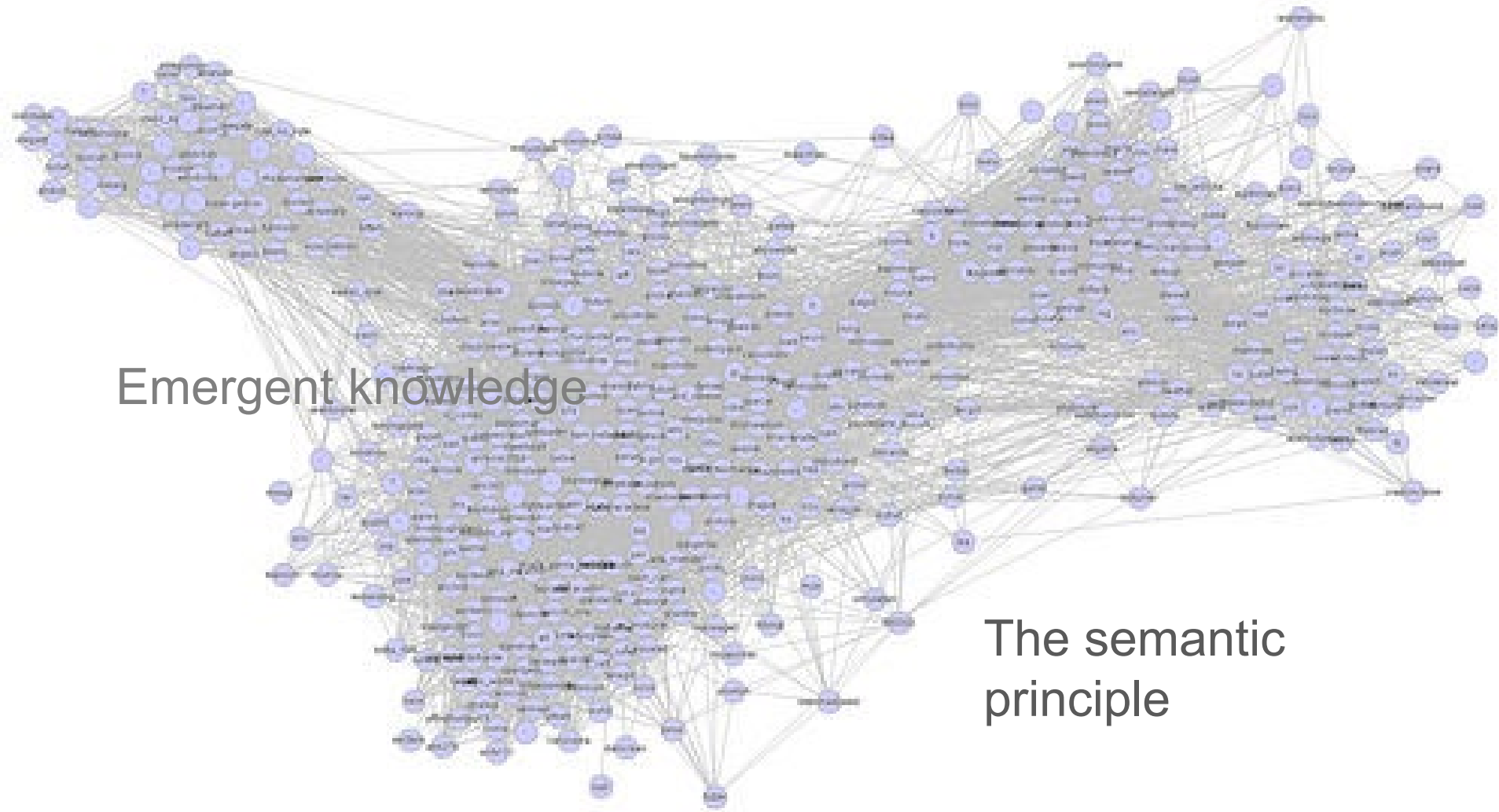
Direct knowledge through experience rather than mediated knowledge through lecture



Instructions
included

Objects become
interactive





Emergent knowledge

The semantic principle

A network that knows

People who share

Doing becomes demonstrating



who

is doing what?

The three Ls: language, logic and learning



Rhetoric becomes big again



A language of objects

Thinking for yourself

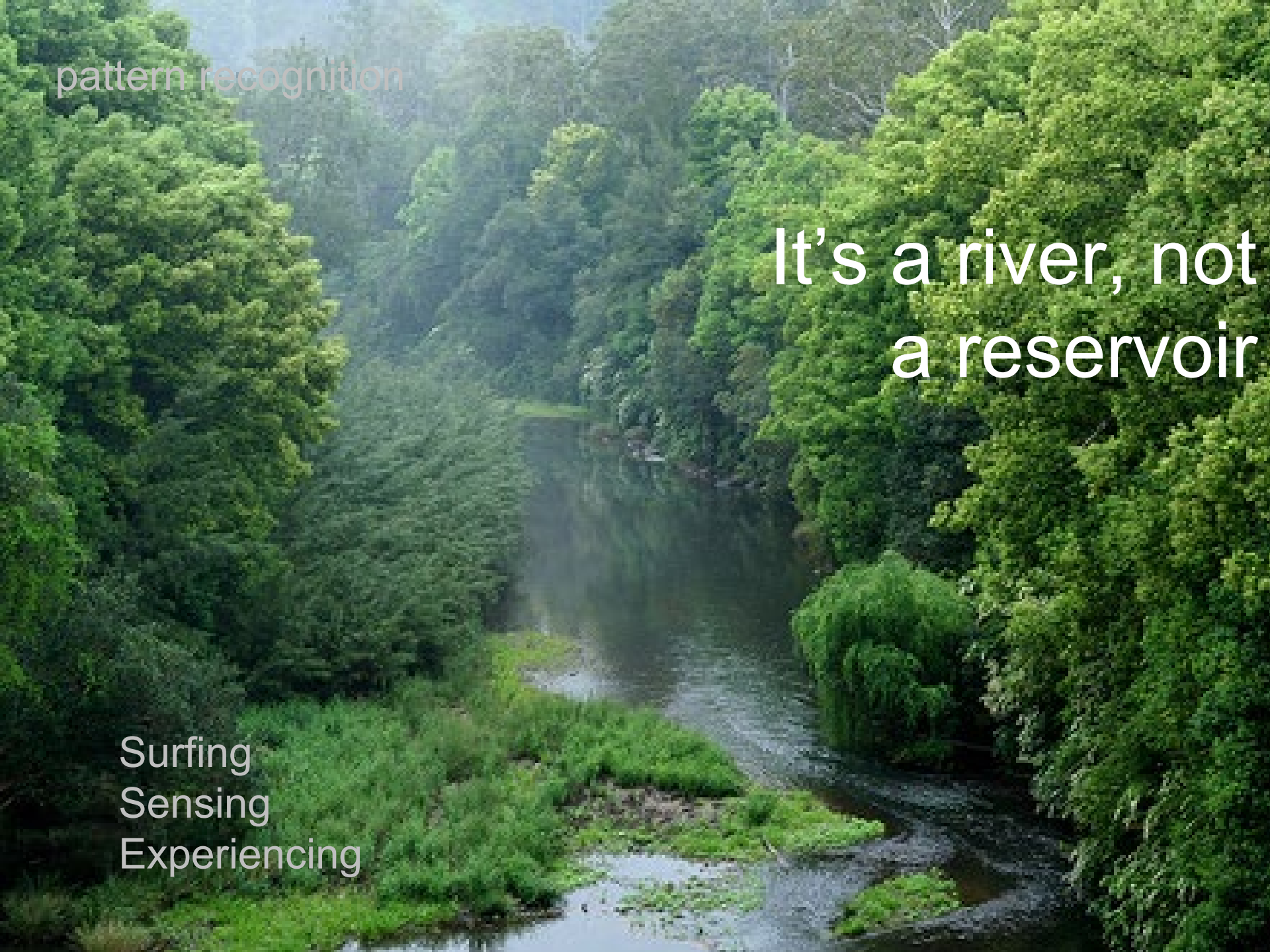
The image shows three silhouetted figures on a dark cliff overlooking the ocean at sunset. The sky is a vibrant mix of orange, yellow, and red, with the sun low on the horizon. The waves of the ocean are visible in the distance. The figures are positioned from left to right: a tall man standing, a shorter man standing, and a person sitting on the ground in a contemplative pose with their hand to their face.

Critical thinking and reflection

pattern recognition

It's a river, not
a reservoir

Surfing
Sensing
Experiencing



How

will it be done?

Distributed Resources



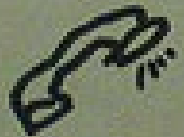
The object system, revisited

O = primary () = no more

You and your network of friends

tantanto	X	(X)	X					
kris	X	(X)	X				X	
Jigga	(X)	X	X		X		X	X
gumbo	X	X	X	X	X		(X)	
olgerik	X	X	X	X	X	X	(X)	X
SZ	X		X	X			(X)	(X)

Aggregate
Remix
Repurpose
Feed Forward



email

t/f

SMS

flickr

under sky

twitter

IM

delish

Those who do, create



Teaching becomes everybody's job

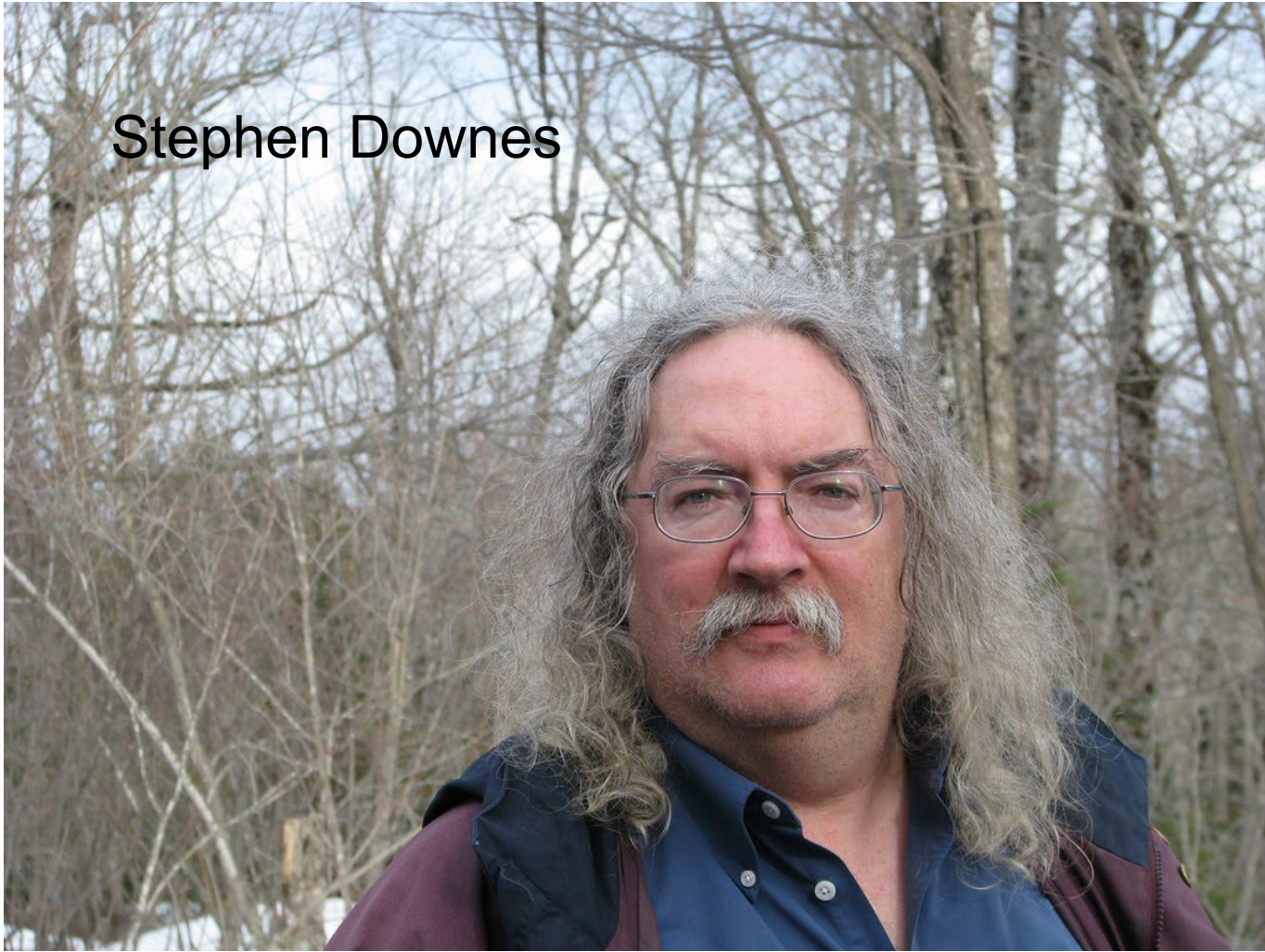
Worlds within worlds



Modeling, demonstrating, practicing, reflection

Simulations, immersions, communities, games

Stephen Downes



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