



























community of practice















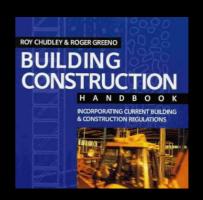










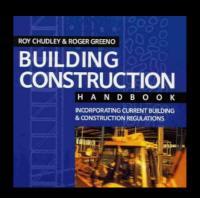
















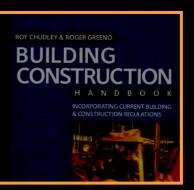
islands of expertise



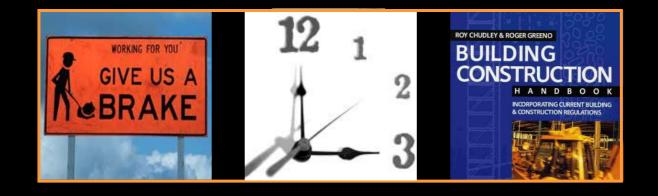




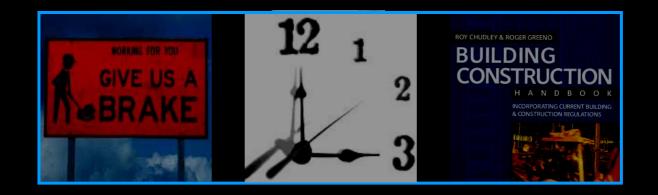
representations





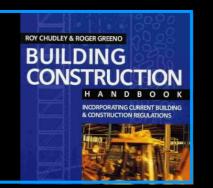


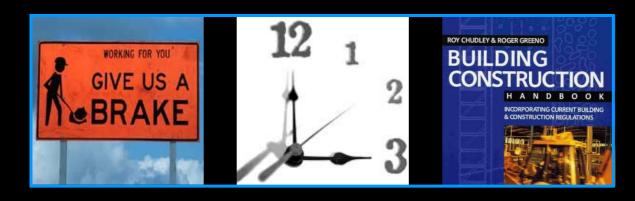


























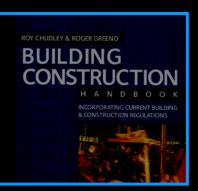








representations



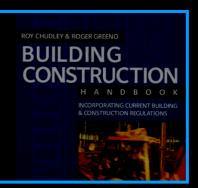






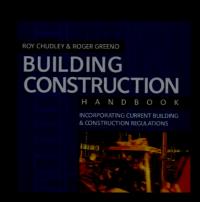


representations



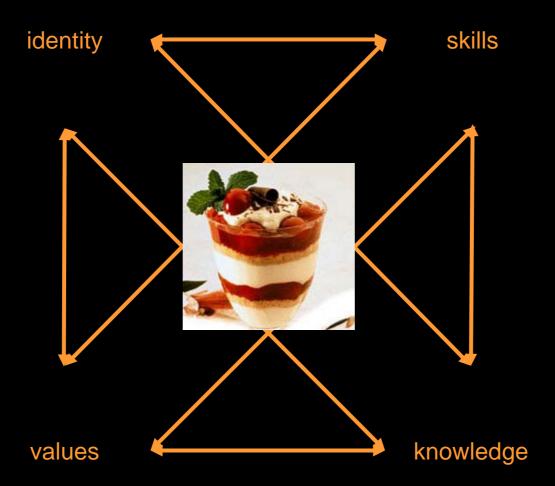


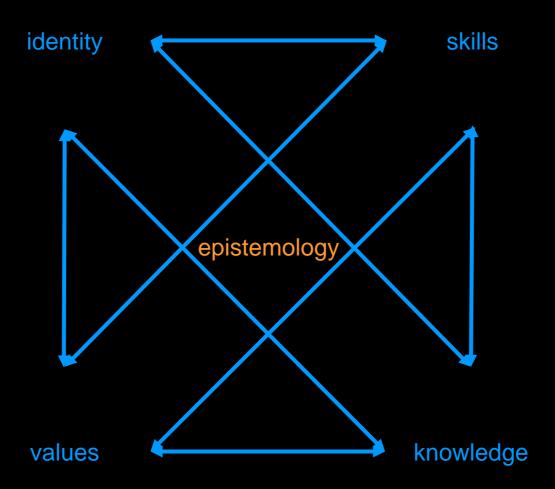


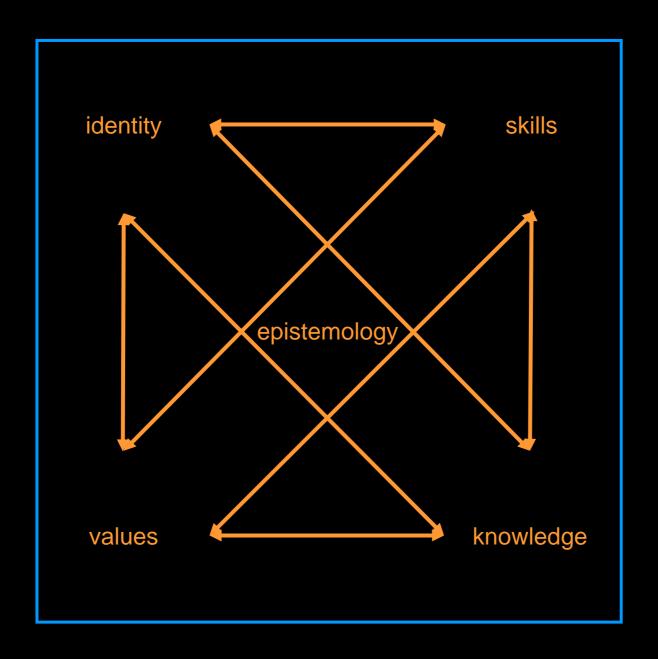


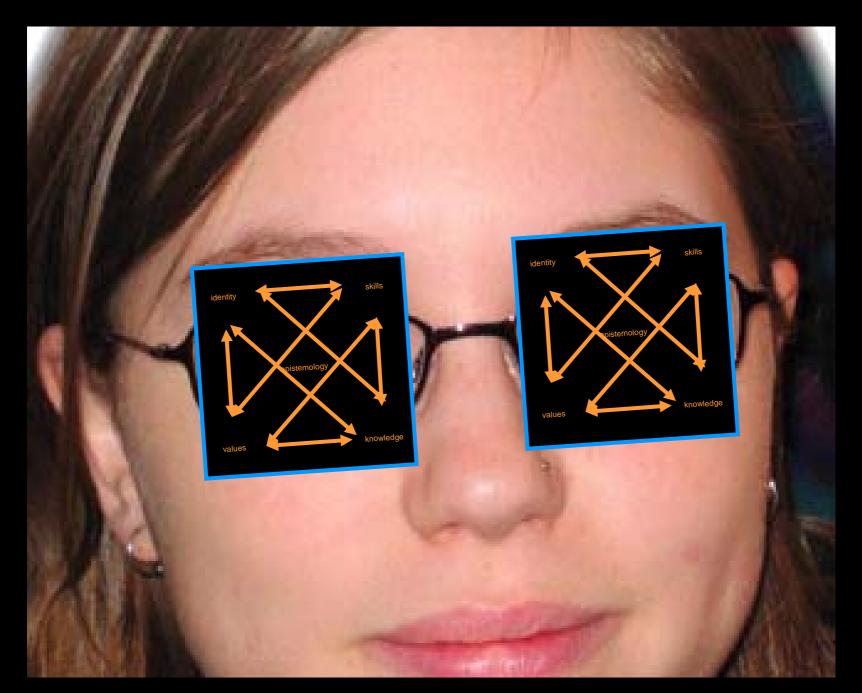


values
knowledge

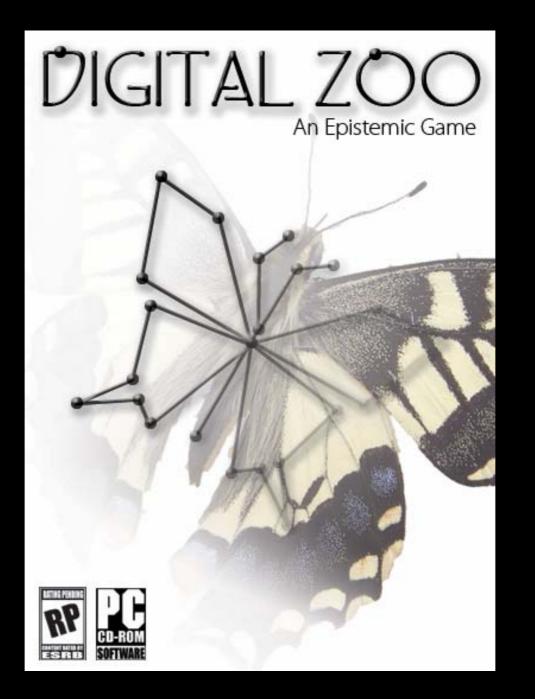


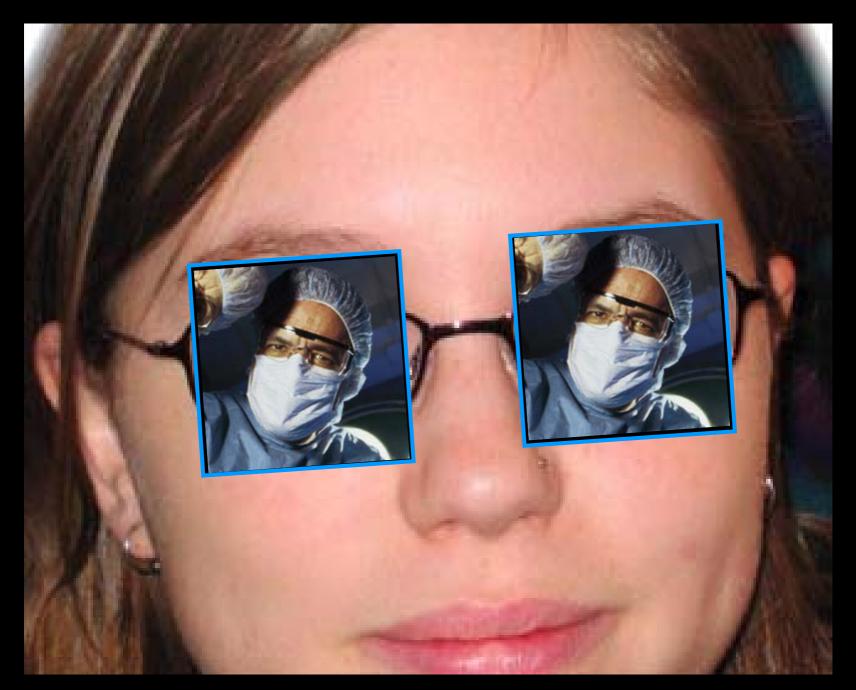


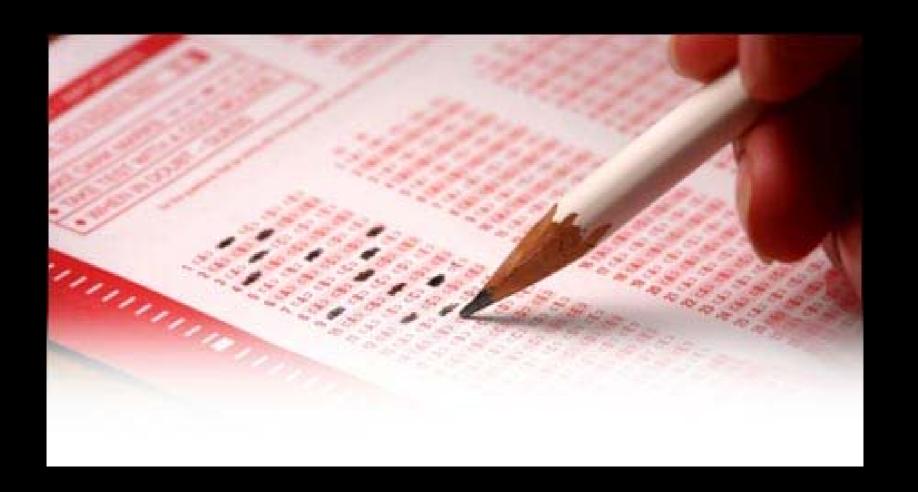


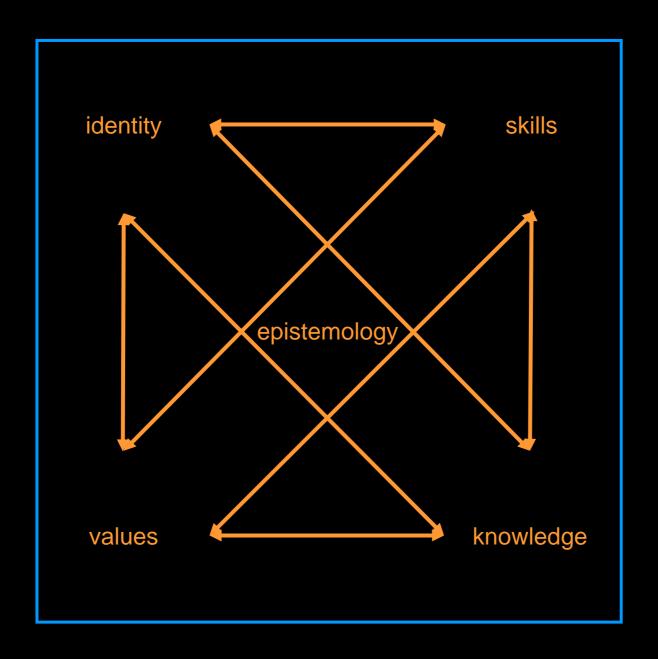












Design process

Statics- CoM

Design process

Statics- CoM

Client need

Reliable design

Efficient design

Design process

Statics- CoM

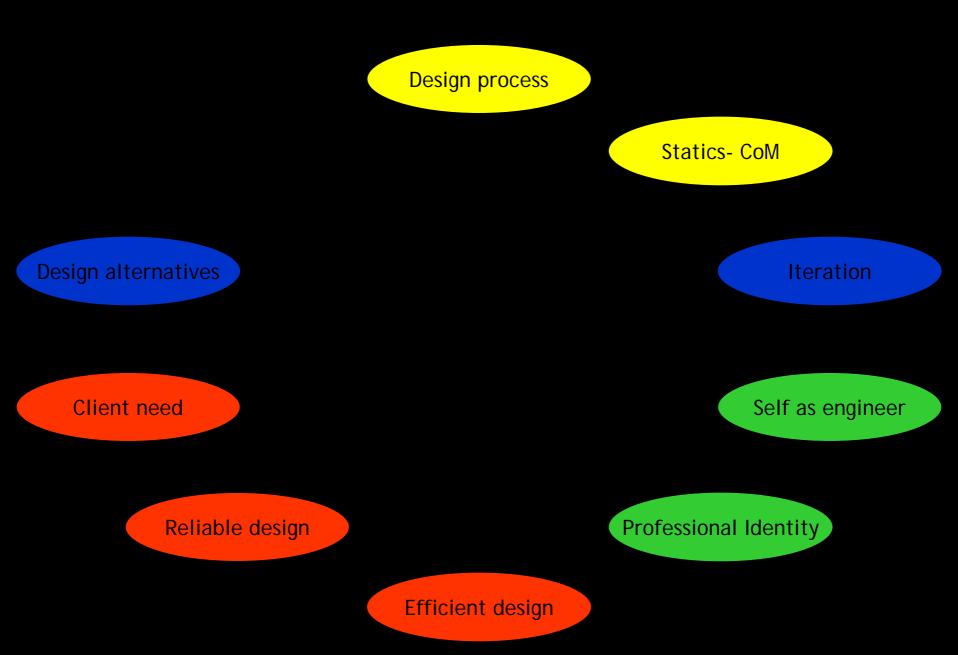
Client need

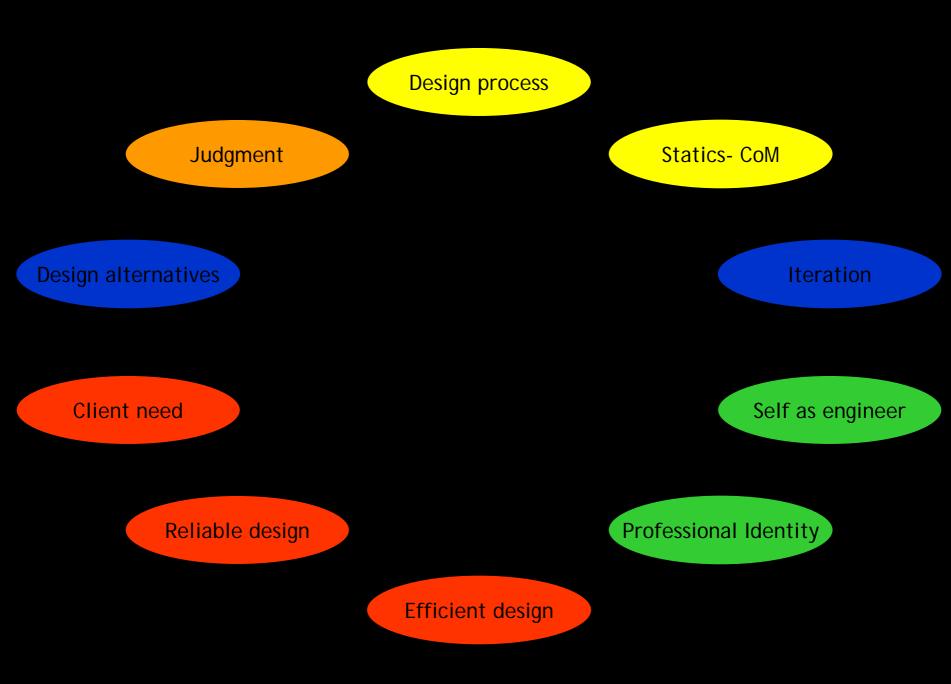
Self as engineer

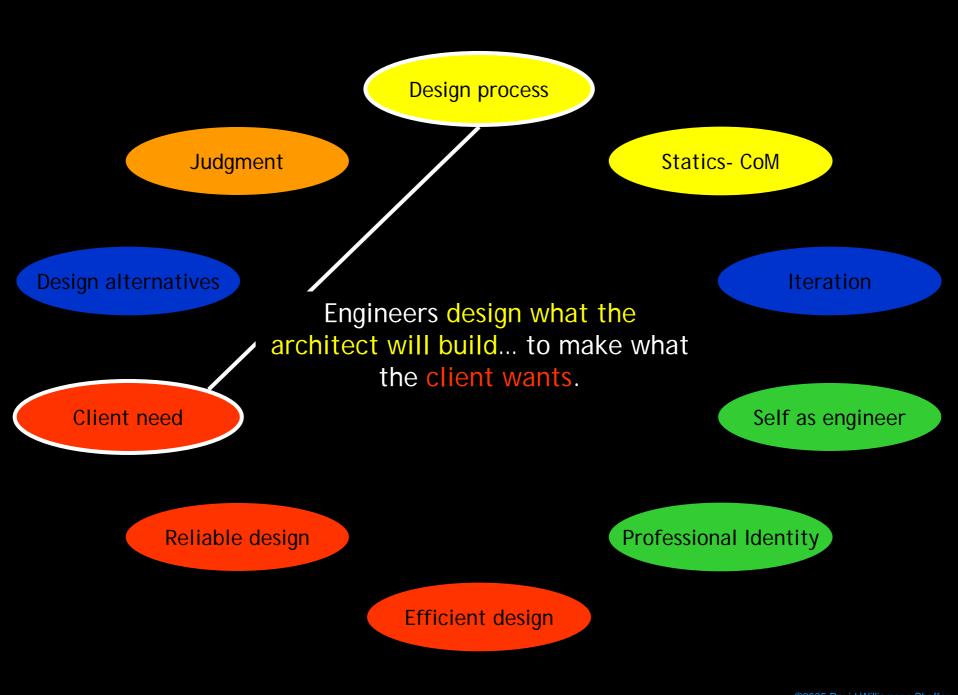
Reliable design

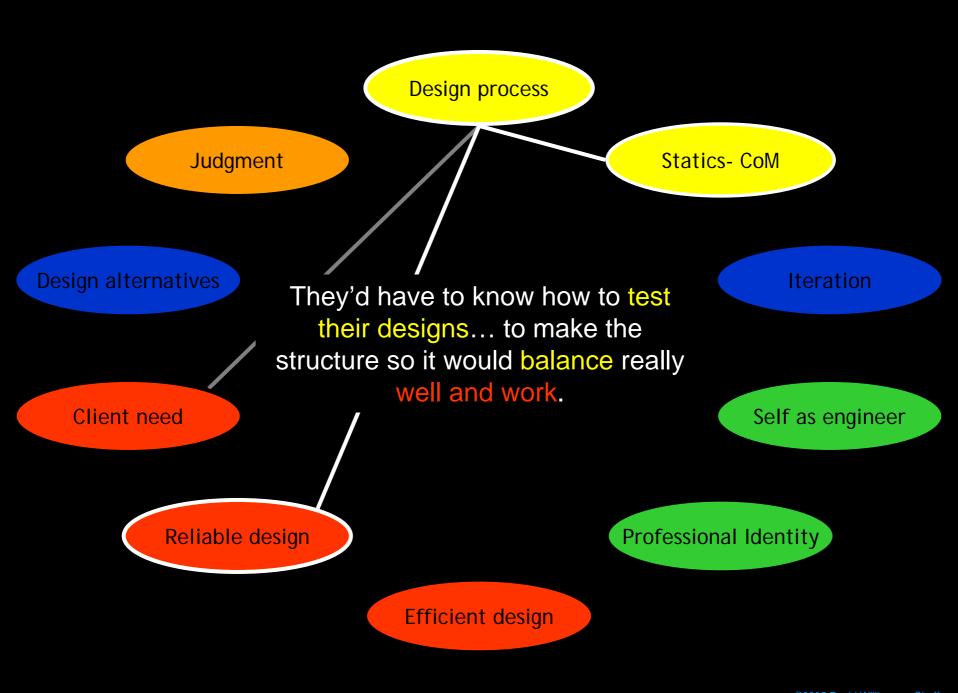
Professional Identity

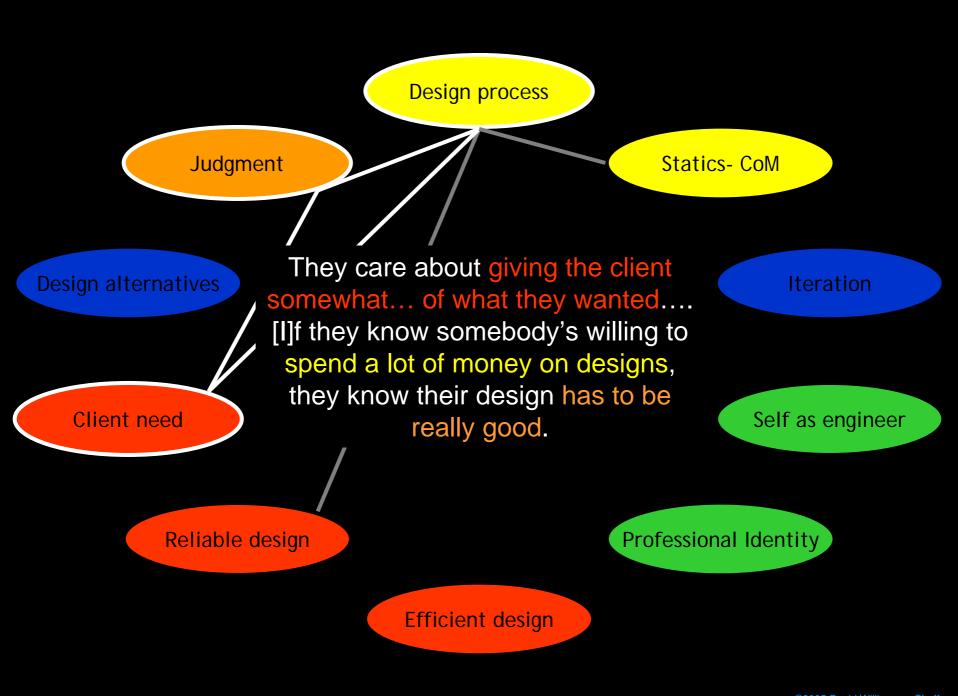
Efficient design

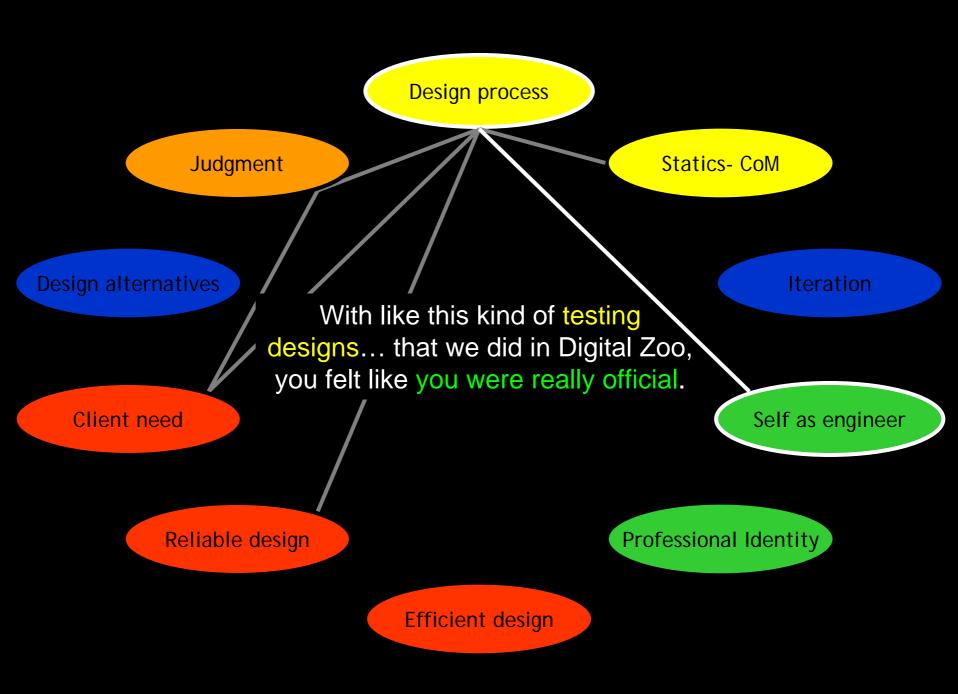


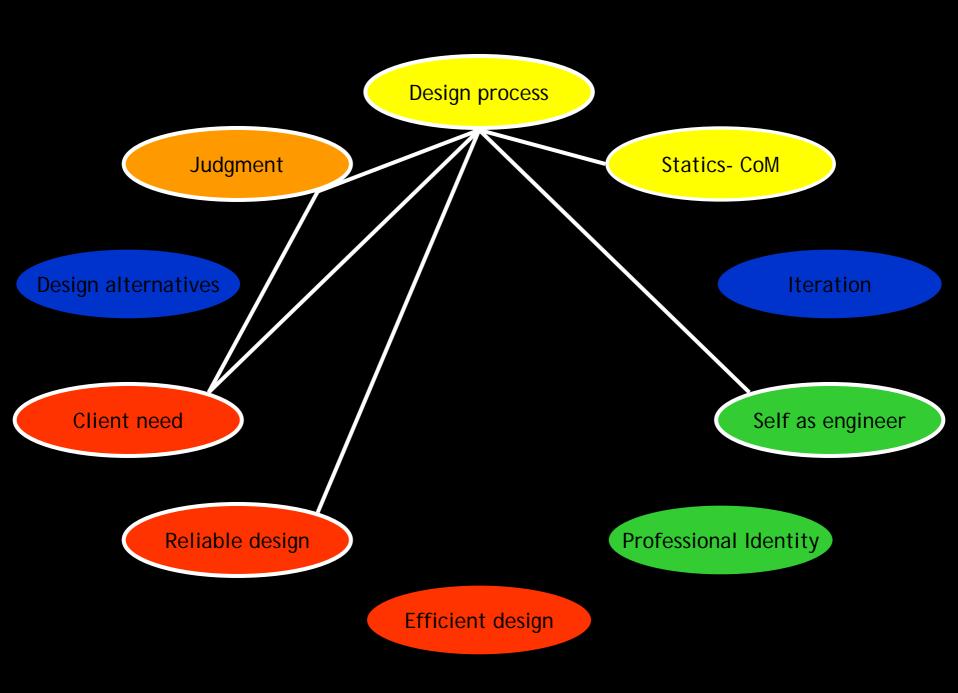






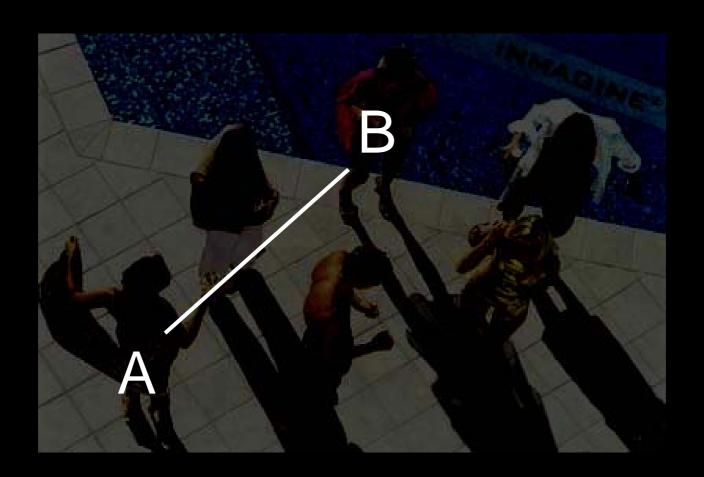


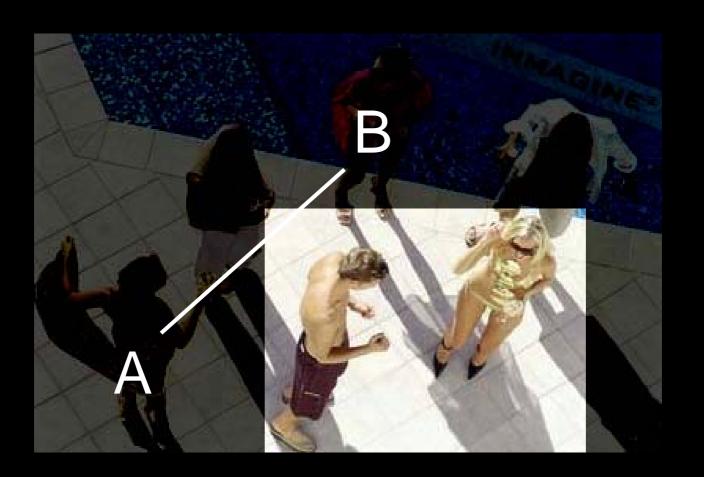


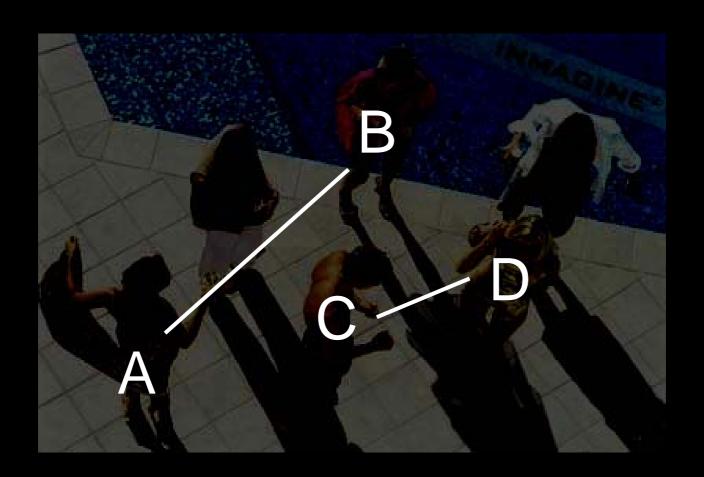


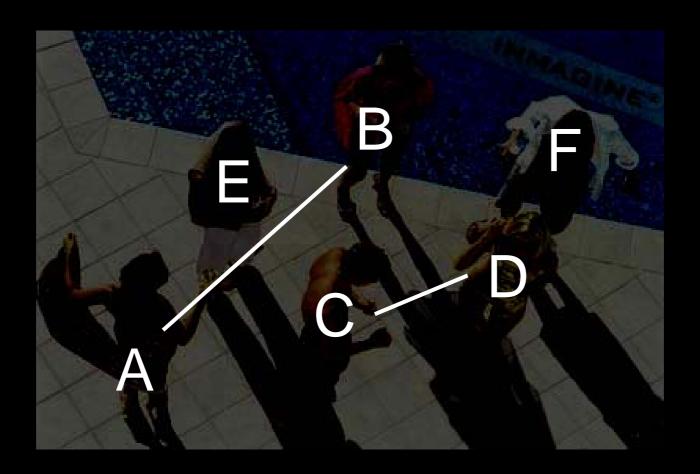


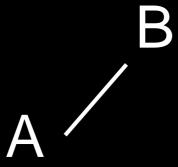




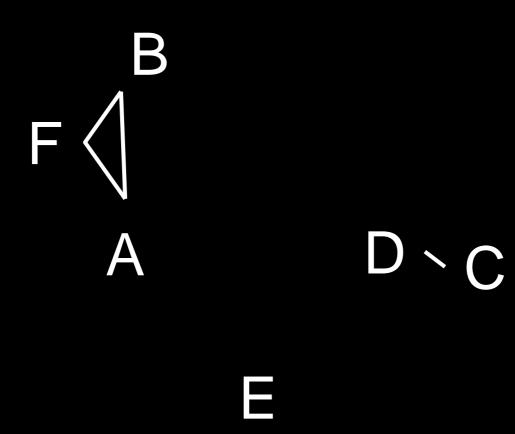


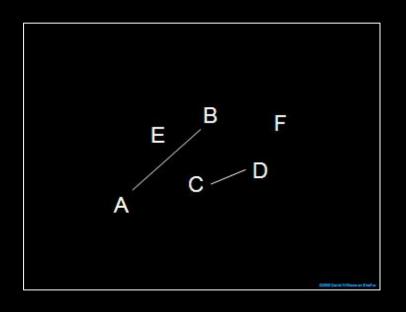


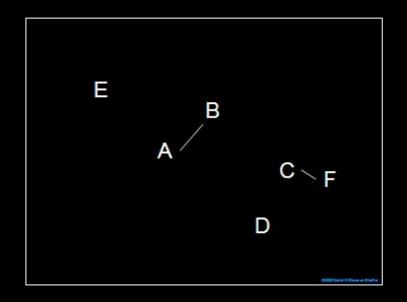


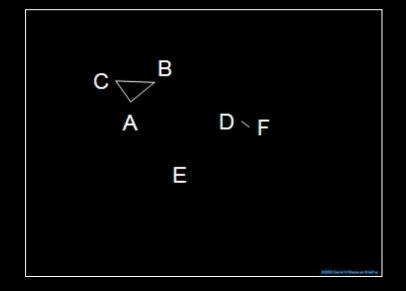


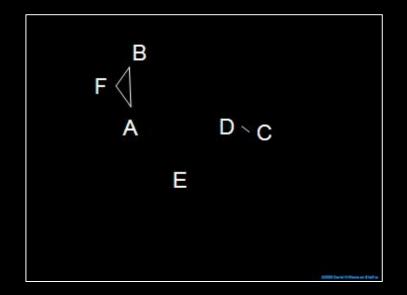
 $\mathsf{C} \smallsetminus_\mathsf{F}$



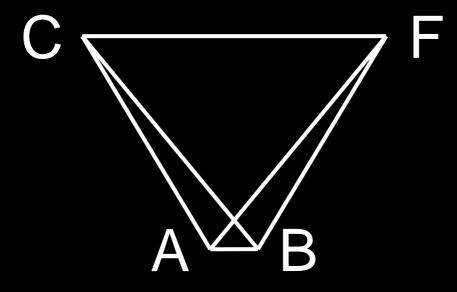


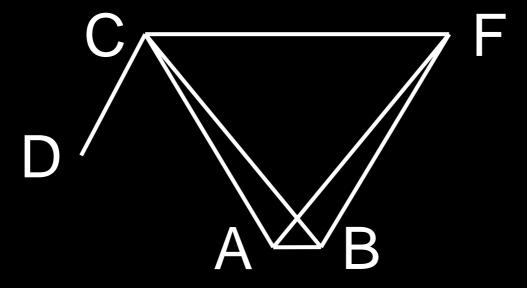


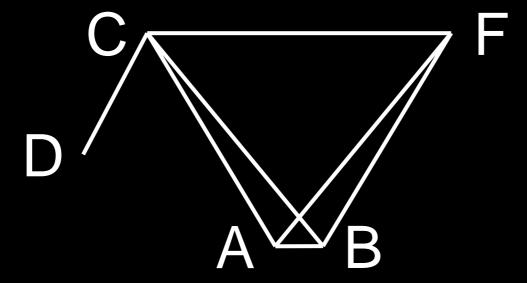


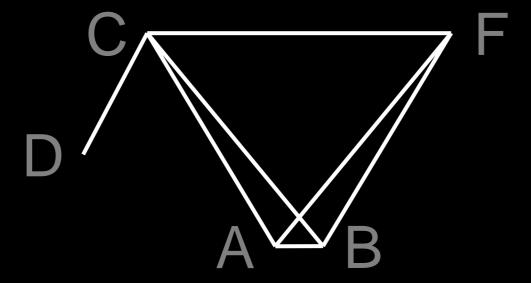


A - B

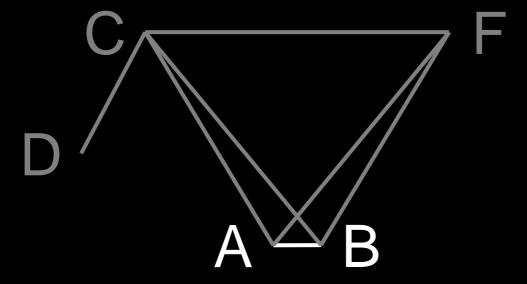




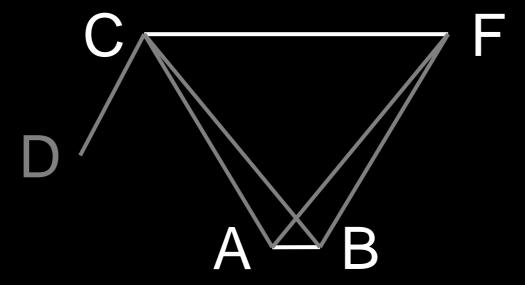




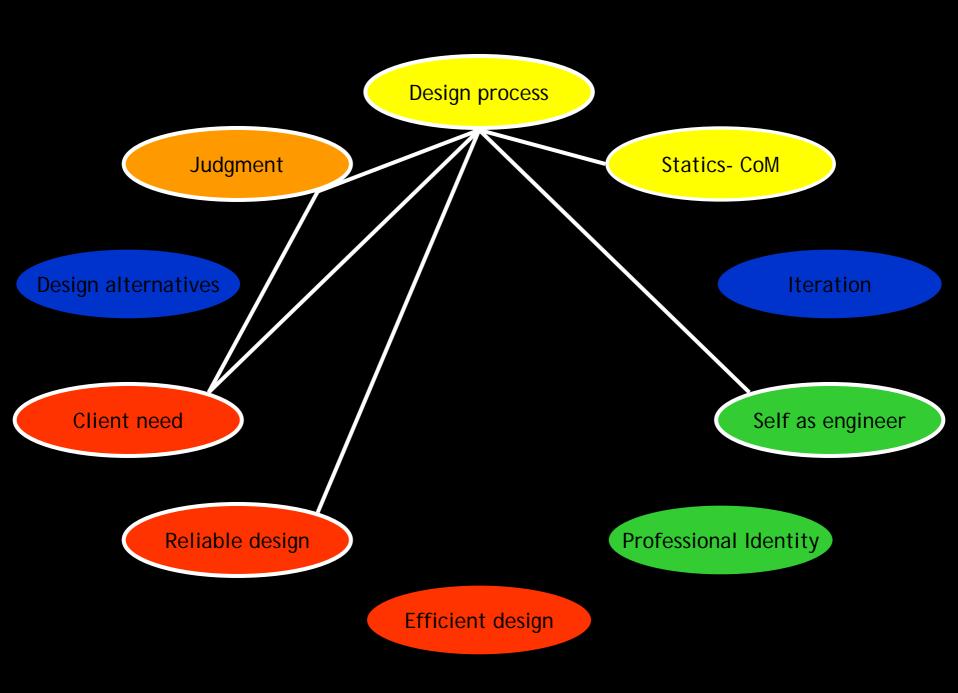
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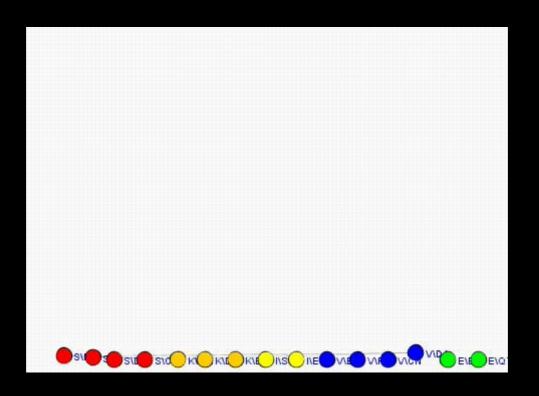


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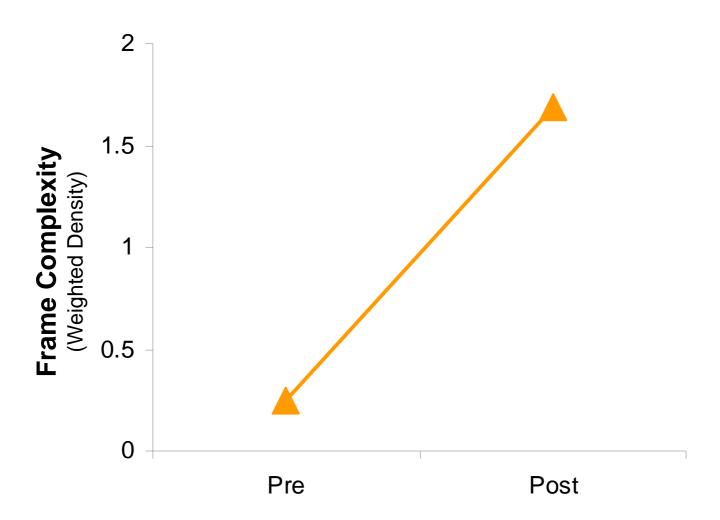


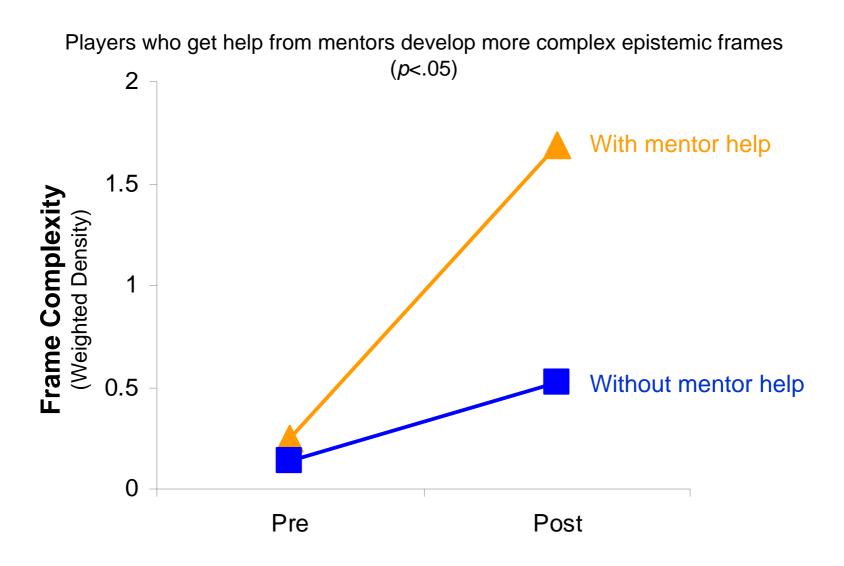
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$$W_{graph} = \sqrt{\sum_{nodes} (L_n)^2}$$





Mentor Enacted Frame

Player Enacted Frame

	Skills Kromedge Legiste				
<u>Activity</u>	SKIIIS	420	Idel.	13/10	#bis
Background Research	•				
Neighborhood Assessment				•	
Virtual Site Visit	•			•	
Preference Survey	•				•
Preference Survey Feedback		•		•	
Final Plan	•			•	•
Final Report	•			•	•
Presentation	•	•	•		
After Action Report				•	•

	.6	4500Mle	doe w	4	s coister
<u>Activity</u>	SKIIIS	Auon	<i>Iden</i>	Aglor	Epis
Background Research	•				
Neighborhood Assessment	•			•	
Virtual Site Visit	•				
Preference Survey				•	•
Preference Survey Feedback	•			•	•
Final Plan	•				•
Final Report		•	•		•
Presentation	•	•			
After Action Report				•	

Skills	Knowledge	Identity	Values	Epistemology
	•			

Mentor Frame

Player Frame



Mentor Frame

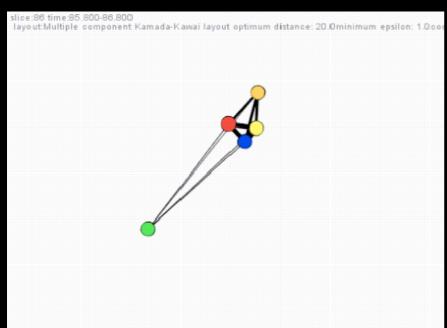
Player Frame

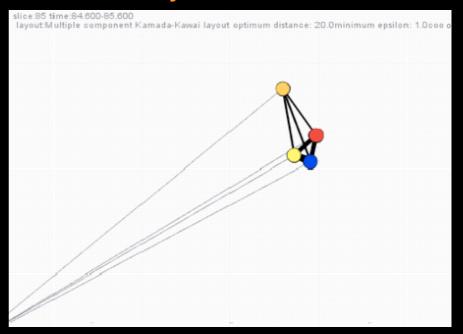




Mentor Frame

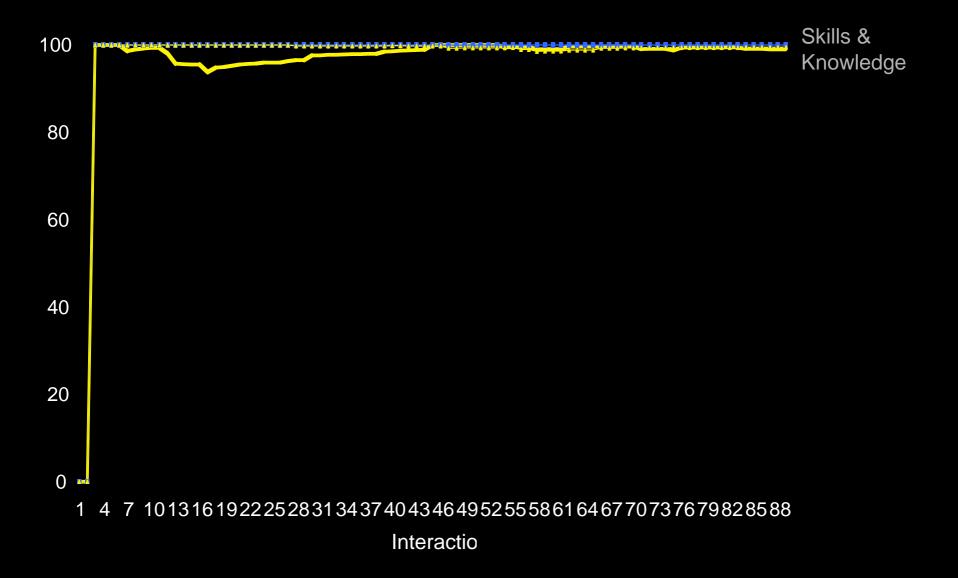
Player Frame

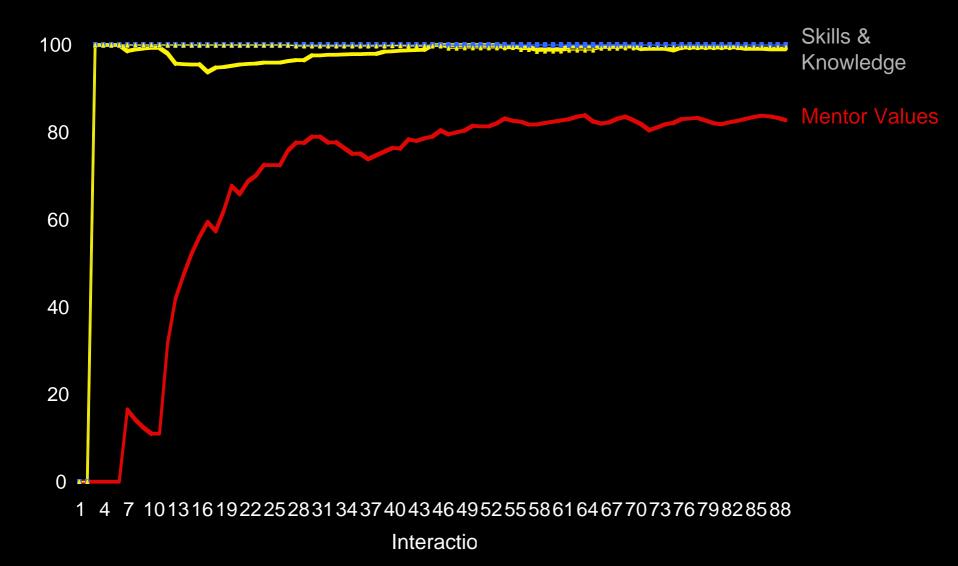


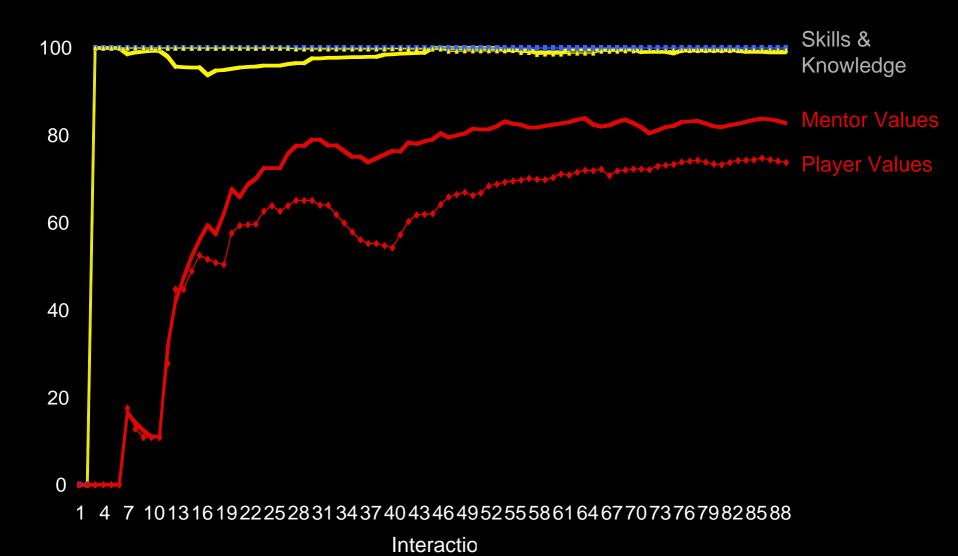


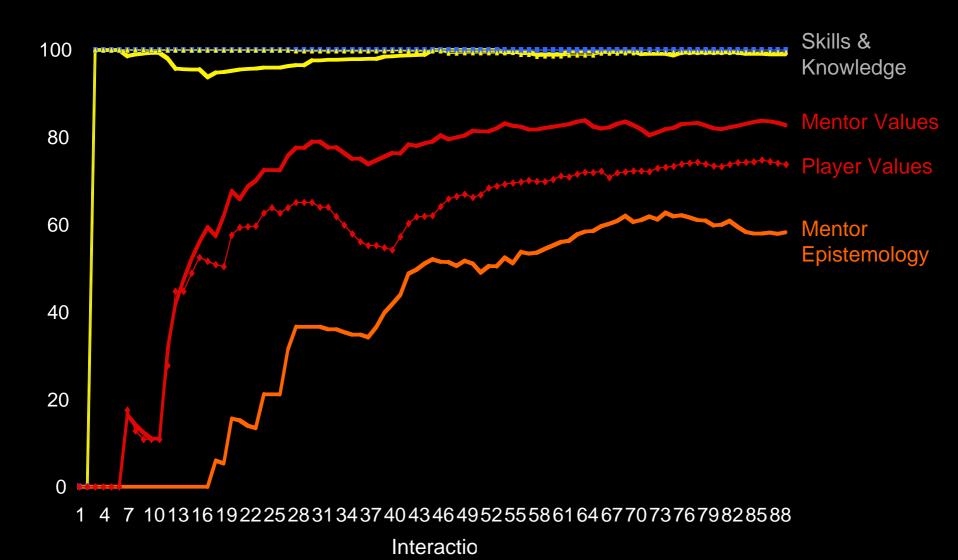
Skills	Knowledge	Identity	Values	Epistemology
	•			

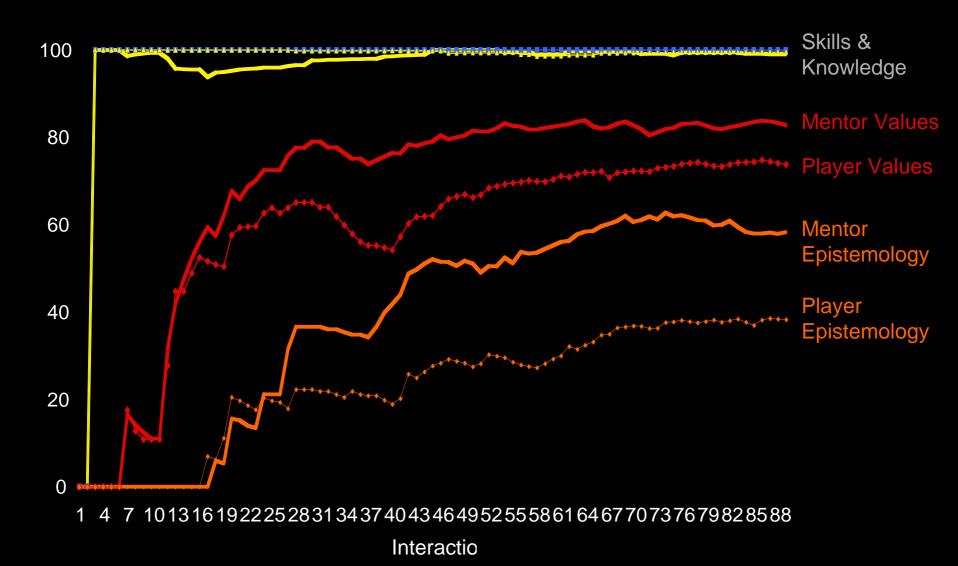
$$C_{node}^{r} = rac{\sqrt{\sum_{neighbors}(L_{n})^{2}}}{C_{\max}}$$

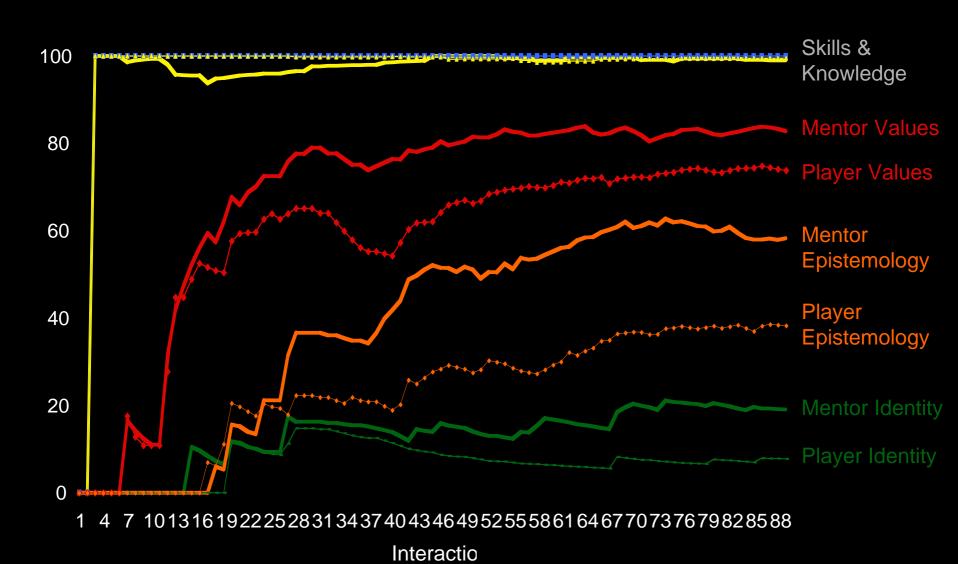


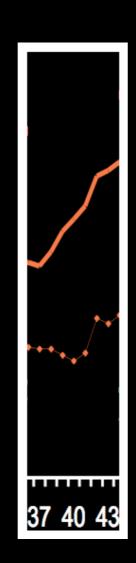












Skills & Knowledge

Mentor Values

Player Values

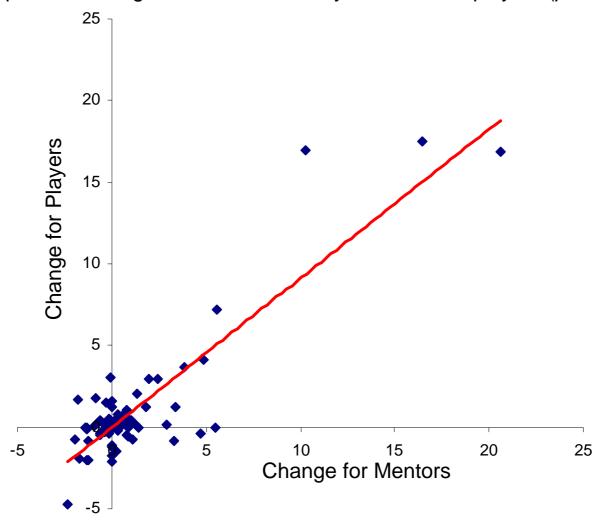
Mentor Epistemology

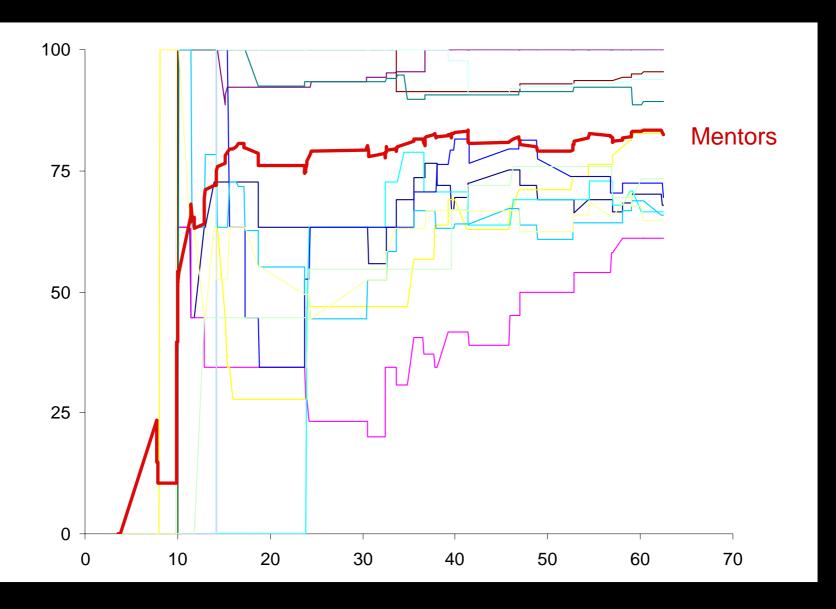
Player Epistemology

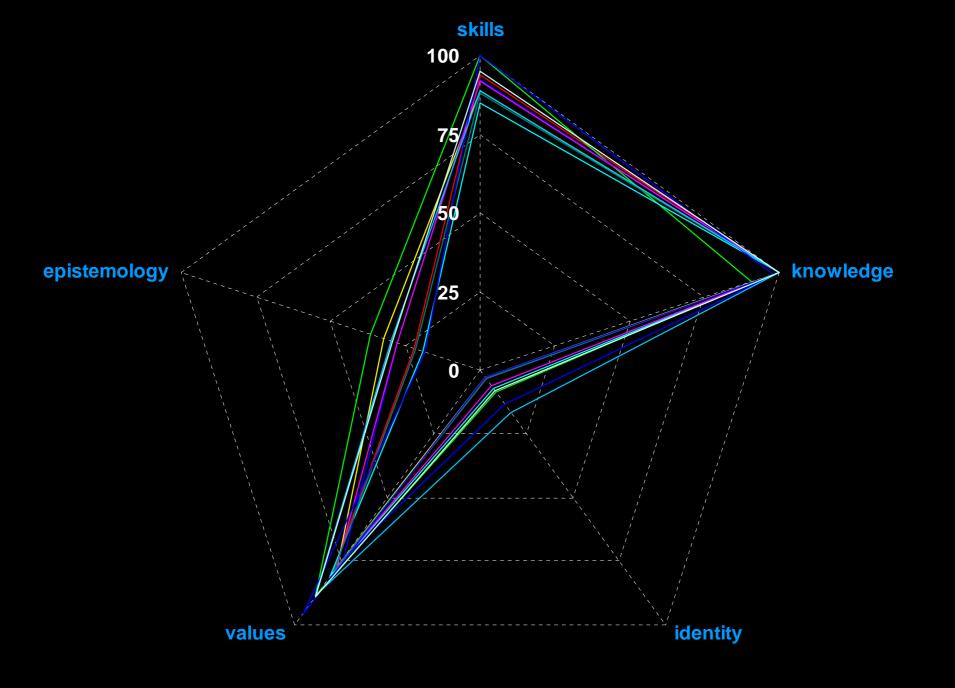
Mentor Identity

Player Identity

Change in relative centrality of values for mentors in an interaction predicts change in relative centrality of values for players (p<.001)

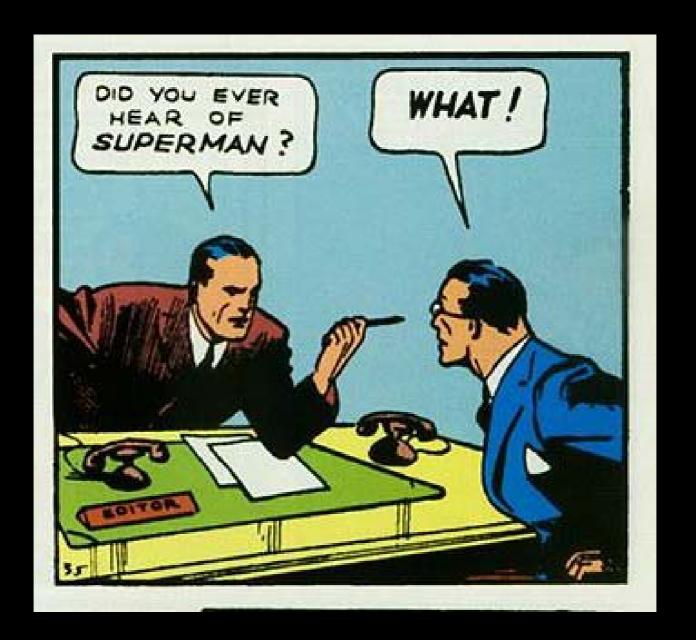


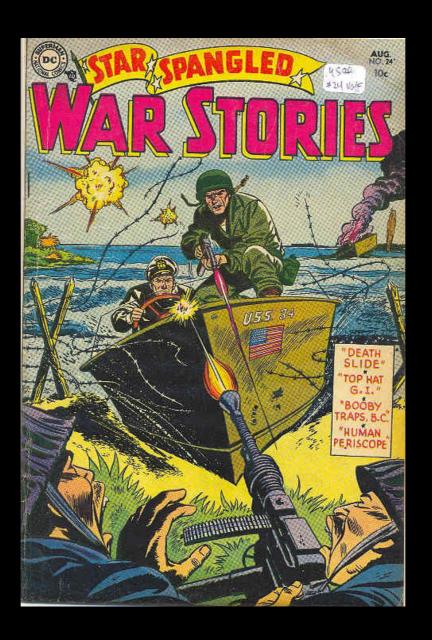


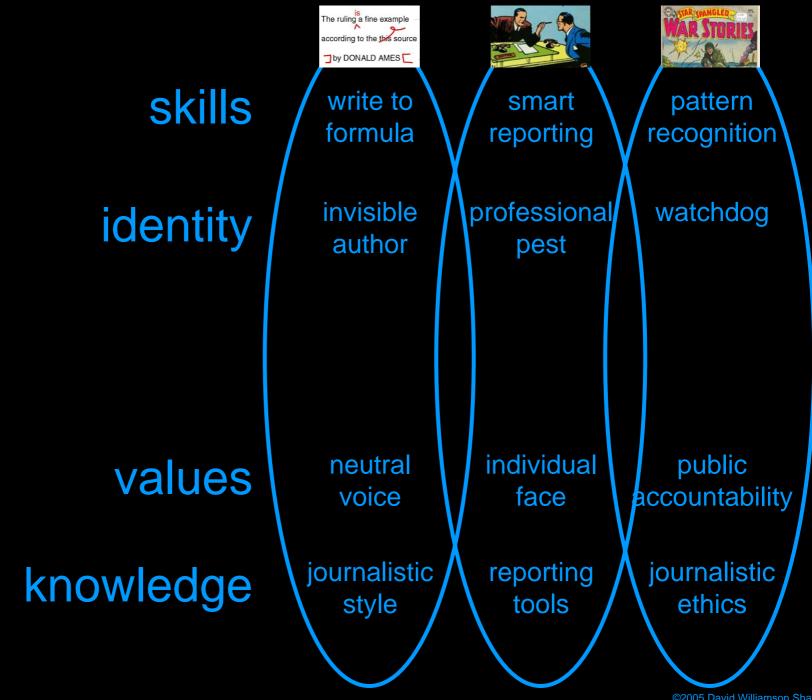


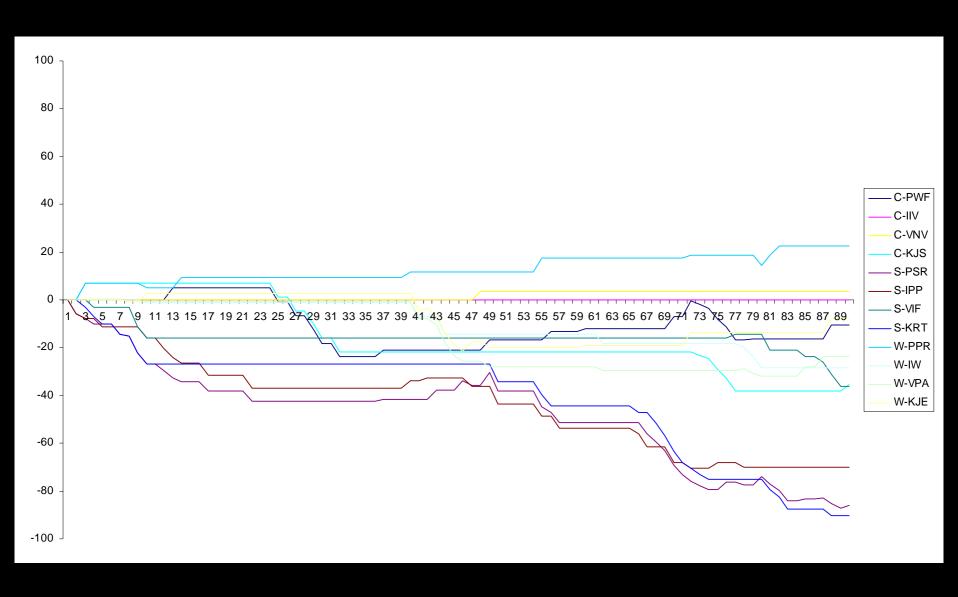


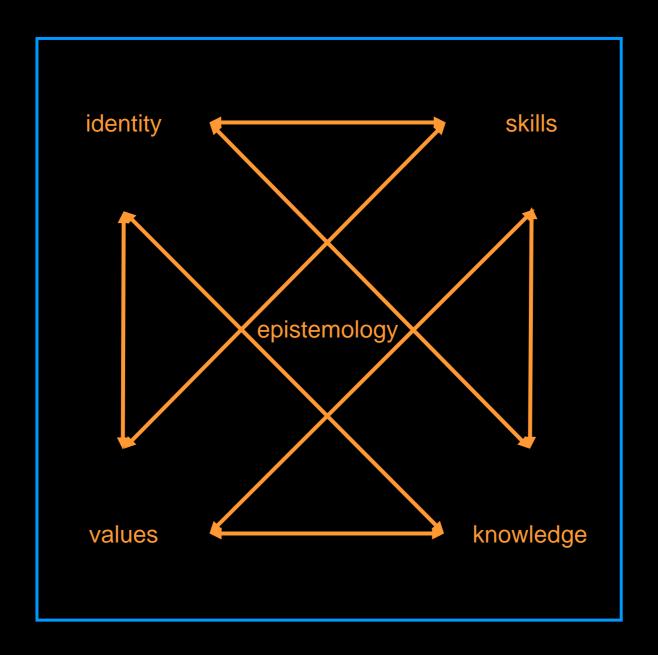
SYDNEY (AP)—The organisation	Indent for paragraph
said Thursday. It was the first	— Paragraph
the last attempts.	— No paragraph, combine the lines
With this the president tried	
the Jones Smith company is not	Transpose words
over a period of sixty or more years	Use figures
there were 9n the grou	— Spell it out
Ada, Oklahoma, is the hometown	Abbreviate
The Ga. man was the guest of	— Don't abbreviate
prince edward said it was his	Uppercase
as a result his will be	- Lowercase
the accuser pointed to them	Remove space
In these times it is necessary	Insert space
the order for the later devices	Retain original
The ruling a fine example	— Insert word
according to the this source	— Delete word
F Jby DONALD AMES C	— Bold Face, center
J.R.Thomas	— Flush right
J.R. Thomas	











epistemic network analysis





Model of complex thinking







