

28 Oct 2015

How Ripose works with information



What is information?

[Information](#) can be viewed as being just one of the [artifacts](#) of the business specific artifacts. [Claude Shannon](#) (according to one source) developed “[information theory](#)” about the limits on signal processing operations such as compressing, storing and communicating data. Its application in technical communication mechanisms, including the internet, is largely taken for granted by enterprise, system and software architects.

There are probably 2 reasons why ‘information theory’ was probably sidelined and why [enterprise architects](#) and [information technologists](#) have taken it for granted. The first being ‘[entropy](#)’ – but more specifically as it is applied to information as ‘the measure of unpredictability of information content’ and the second, the problem of trying to interpret what message a signal contains.

To try to simplify this conundrum I have developed a matrix which subdivides ‘information’ into 3 phases and 11 distinct classes. It also shows how the Ripose Technique and especially the 6 [Ripose information architects](#) (RA actor) manipulates and [translates](#) (via processes) ‘information’ (via input and output messages) whilst interacting with various [business operatives](#) (other actors):

1) Information phase - Conceptual

Information class	Actors		Input messages	Process	Output messages
	Architect	Operative			
Business objectives	RA1	CEO CFO COO CCO CIO CAO CTO	Ideas	Joint enterprise modelling	Goals
			Goals		1 purpose statement
			11 values		4 benefits
			SWOT rankings		11 values
Knowledge	RA2		SWOT rankings	Knowledge crafting	SWOT rankings
			Measures		~ 99 measures
			Generic knowledge model		Objectives presentation
Strategies	RA3	CAO	CKM	Strategy crafting	Corporate knowledge model (CKM)
Documentation	RA1-3	CIO CAO	Business objectives	Creative writing	Strategies
			CKM		Tactics
			Strategies		Proof of concept
					Strategies presentation
					Programme plans

2) Information phase - Logical

Information class	Actors		Input messages	Process	Output messages
	Architect	Operative			
Facts	RA4	Various	Programme plans	Joint requirements modelling	Corporate data model (CDM)
			CKM		
			Attributes		
Data base	RA5	-	CDM		Data bases
Project	RA3 & 5	CIO CAO ProjMgrs	Data bases		Project plans
Applications	RA6	Various	Project plan	Project plan revisions	Pseudo code
			Data bases		Function point counts (FPC)
			Project plan FPC		Project plans
Documentation	RA5-6	CIO CAO	CDM	Creative writing	Proof of logic
			Project plans		Subject overviews
					Presentation

3) Information phase - Physical

Information class	Actors		Input messages	Process	Output messages
	Architect	Operative			
Information systems	Software	ProjMgrs RA6	Project plans	Rapid application prototyping	Screens
			Data bases		Reports
			Pseudo code		Data streams
	Testers	ProjMgrs RA3 & 6 various	Screens	Testing	Systems tested applications
			Reports		
			Data streams		
		Script coders	Systems tested apps	Creative writing	Operating instructions
				Testing	Stress tested applications
Infrastructure technology	Domain	CTO various	Stress tested apps	Deployment	Operational systems

Thank you for your attention and I trust that this has been of some assistance to you.

Charles Meyer Richter
Principal information architect
Ripose Pty Limited
charles.richter@ripose.com