

EAI Selection Criteria: Development



ENTERPRISE ENGINEERING TEAM

ENTERPRISE APPLICATION INTEGRATION (EAI) EVALUATION CRITERIA

Development Environment												
Selection Criteria			WEIGHT	Weight Value	IBM		STC		Vitria		MSI Solutions	
					Score	Weight ed Score	Score	Weight ed Score	Score	Weight ed Score	Score	Weight ed Score
Workflow Services	Persistence of the state of the tasks that comprise the workflow processes.		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5
	Centralized execution of the tasks across multiple systems.		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5
	Manual intervention capabilities		M	1	3	3	3	3	3	3	1	1
	Ability to reenter a prior point in the process and change the flow based on new data or previously completed events.		M	1	3	3	5	5	3	3	1	1
	Ability to trigger events based on the status of multiple process		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5
	Many-to-many mapping between input events/messages and output events/messages.		H	1.5	3	4.5	5	7.5	5	7.5	1	1.5
Resource Management	A Resource Manager provides for concurrency control and integrity for a singular data resource (e.g., a data base or a file system).		H	1.5	5	7.5	5	7.5	5	7.5	3	4.5
Codes Table Application Services	Enable applications to create, maintain, and utilize externally stored parameters and validation rules for data correlation between applications.		H	1.5	3	4.5	5	7.5	1	1.5	1	1.5
File Services	Provide access to local or a remote files		H	1.5	5	7.5	5	7.5	5	7.5	5	7.5
	Maintain integrity of the data within the file		H	1.5	5	7.5	5	7.5	5	7.5	5	7.5
	Understand the file structure and the meaning of each record		H	1.5	5	7.5	5	7.5	5	7.5	5	7.5
Development / API Support	Languages	CORBA	H	1.5	5	7.5	5	7.5	5	7.5	5	7.5
		COM/DCOM	L	0	5	0	5	0	5	0	5	0
		Native C++	H	1.5	5	7.5	5	7.5	5	7.5	1	1.5
		Java	H	1.5	5	7.5	5	7.5	5	7.5	5	7.5
		Cobol	M	1	1	1	5	5	3	3	1	1
	Scripting	Visual Basic	L	0	1	0	3	0	1	0	1	0
		JavaScript	H	1.5	5	7.5	3	4.5	1	1.5	5	7.5
		Perl	M	1	1	1	3	3	1	1	1	1
	Published API's		H	1.5	5	7.5	1	1.5	1	1.5	1	1.5
	Send/Receive API's	Point-to-Point	M	1	5	5	5	5	5	5	5	5
		Broadcast	H	1.5	1	1.5	5	7.5	5	7.5	5	7.5
		Inbound Callbacks	H	1.5	5	7.5	3	4.5	1	1.5	1	1.5
GUI Development Tool		H	1.5	5	7.5	5	7.5	5	7.5	3	4.5	
Version Control		H	1.5	1	1.5	3	4.5	5	7.5	3	4.5	
					50	62.5	56	65.5	48	58.5	42	50.5
Percent					75.76%		79.39%		70.91%		61.21%	
Rating					***		***		***		**	

