IBM

UMMI – UML Modeling Maturity Index (By Bruce Douglass)

Level	Benefit	Focus	Technologies	Result
5 **Optimizing**	100%	**Agile and Engineering Best Practices**	**Model-based testing, nanocycle execution, test driven development, continuous integration**	**Productivity and Quality**
4 **Executing**	70%	**Model-based verification**	**Model execution, code generation, model-based debugging**	
3 **Behavioral Modeling**	30%	**State and algorithmic modeling**	**State, sequence and activity diagrams**	
2 **Structural Modeling**	15%	**Class and block modeling of structure**	**Class and block diagrams**	
1 **Visualization**	5%	**Visualizing code structures**	**Reverse engineering**	
0 **Code Based Development**	0%	**Manual, time intensive heroic development**		