



Modeling Essentials

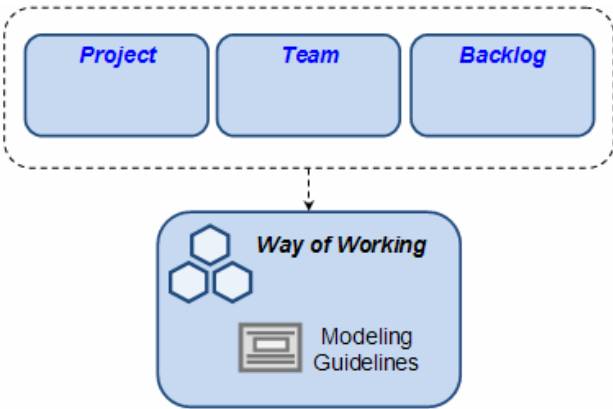
Use models to facilitate communication and produce useful documentation

Use this practice to establish the appropriate style and type of models to drive the development activities.

This practice allows teams to:

- Communicate the requirements, structure and behavior of the system.
- View different perspectives of the system and understand how they are related to one another.
- Employ the right models to meet their needs.
- Be agile in their approach to modeling and documentation.
- Focus on the essentials, avoiding modeling paralysis and the production of unnecessary documentation.

Things to Produce



Key to effective modeling is establishing a lightweight set of modeling guidelines detailing how the models are related and how they should be used. These guidelines influence the application of the various models introduced by the other practices adopted by the project.

Key Competencies

This practice requires the team to be skilled in leadership, modeling and coaching.

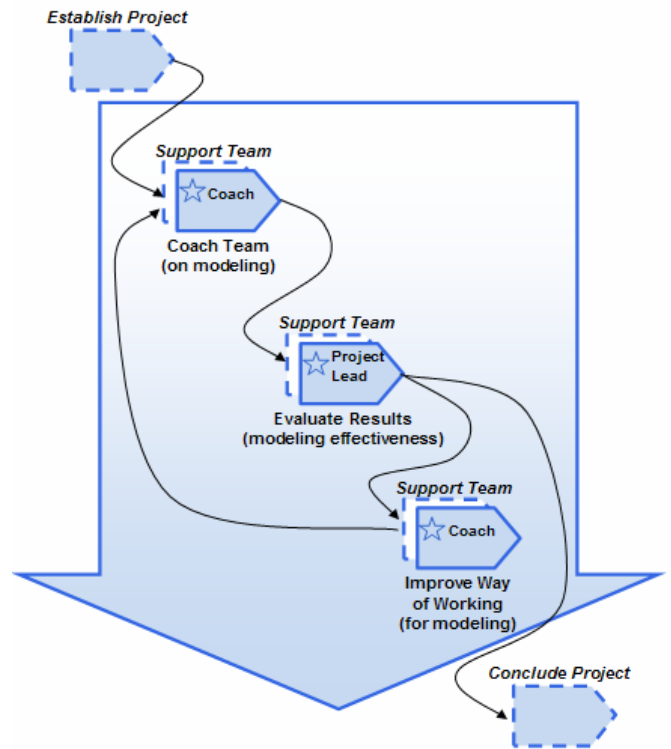
This requires the following competencies to be in place:

Project Lead	Coach	Customer Representative
Manages Programs	Coaches New Coaches	Directs the Business
Manages Large Projects	Formalizes and Invents Techniques	Actively Manages Scope
Manages Small Projects	Adapts Techniques	Ambassador User
Provides Effective Team Leadership	Coaches Techniques	Project Advisor
Plans and Tracks Progress	Articulates Techniques	Subject Matter Expert

This practice requires the team to have the coaching skills to establish modeling as a fundamental communications technique and to tune the modeling guidelines to ensure that the models truly benefit the team. Co-operation from all the other team members will be required but there is no specific level of competency required to be able to benefit from the models produced.

Things to do

Supporting the team in modeling activities starts when the project is established and remains a focus throughout the project.



The team receives coaching in the application of the models and standards selected. The results of the modeling work are evaluated and ways of working with models are continually improved.