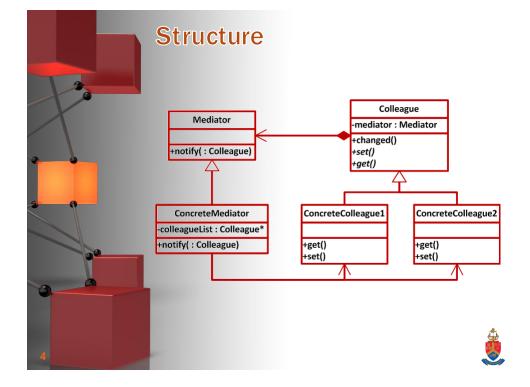
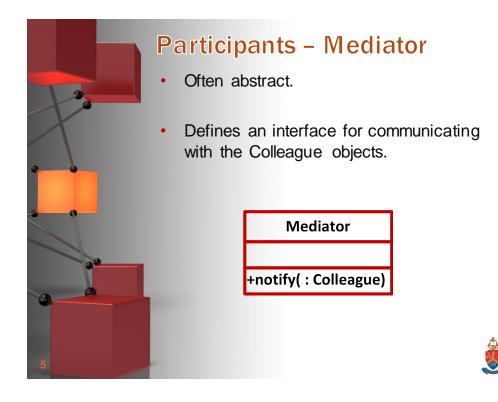


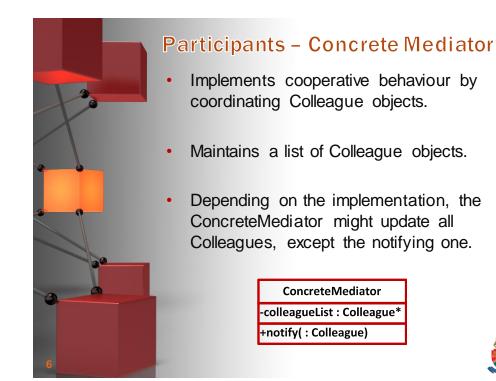
Reason

- Eliminate dependencies between potential reusable pieces.
 - Referred to as spaghetti phenomena.
- Inform all other objects if one object changes.
 - Replace a many-to-many relationship with:
 - A number of one-to-one relationships.
 - One one-to-many relationship.

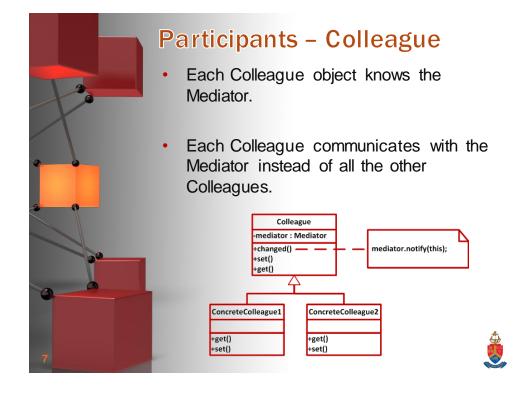


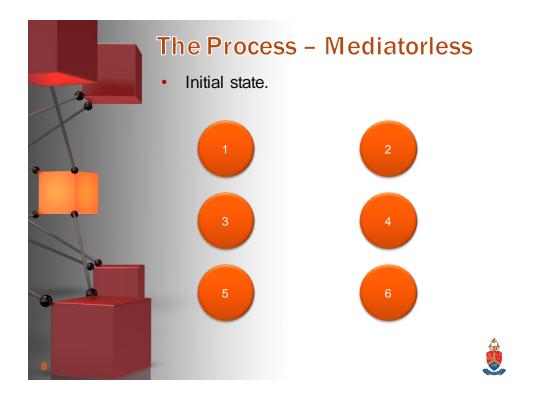


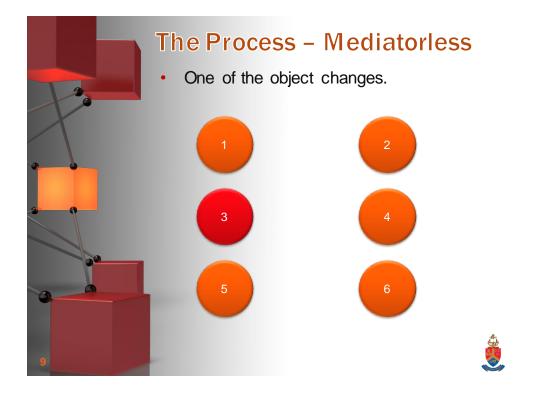


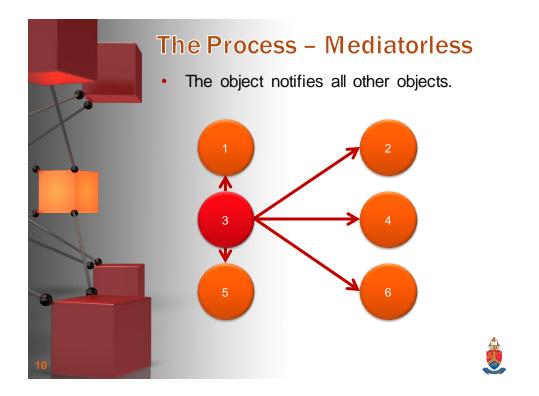


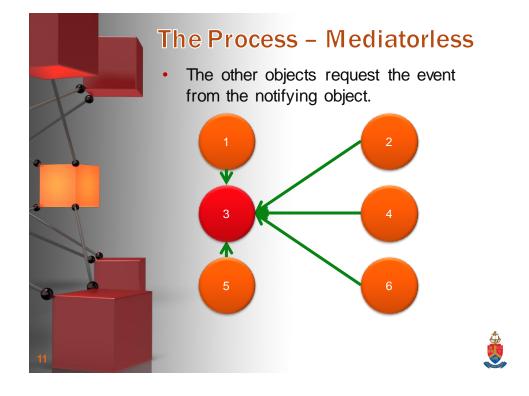


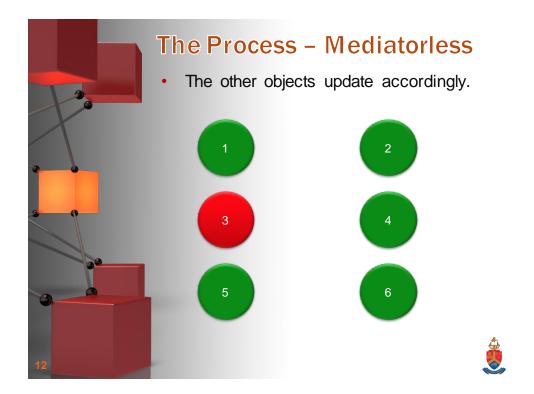


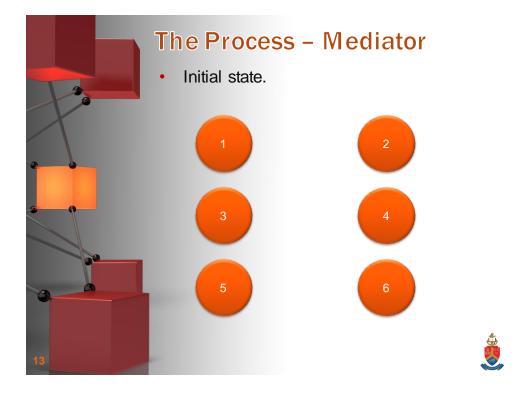


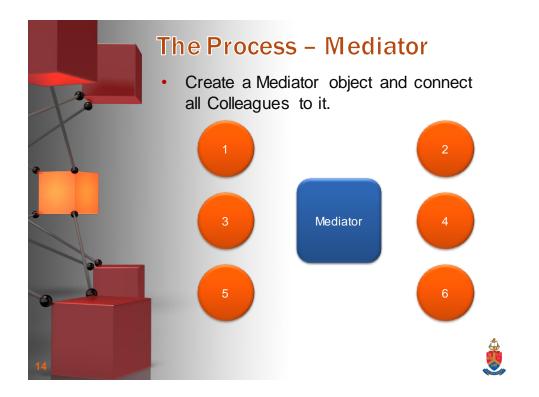


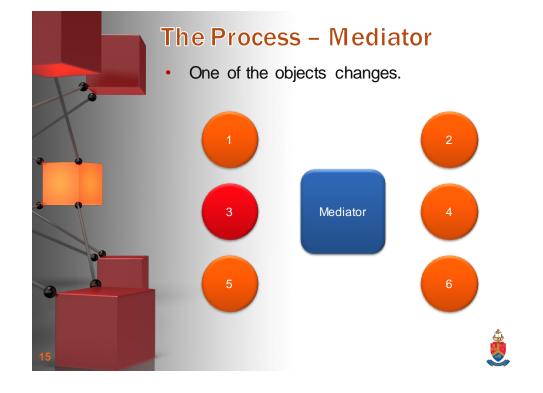


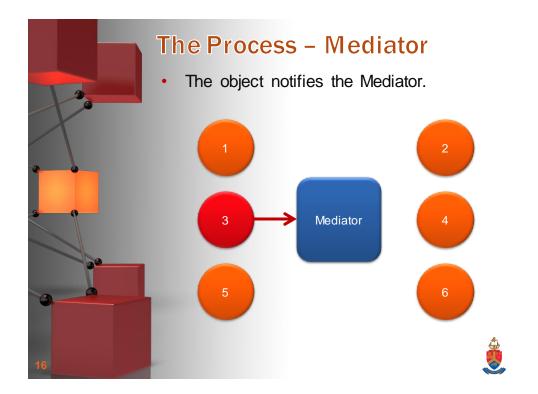


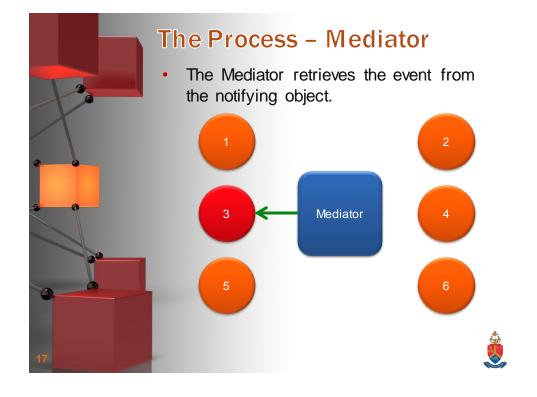


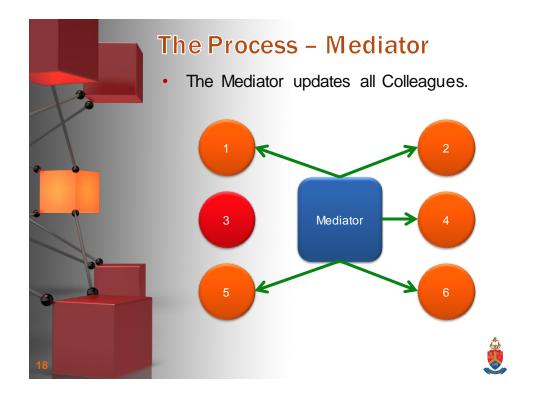


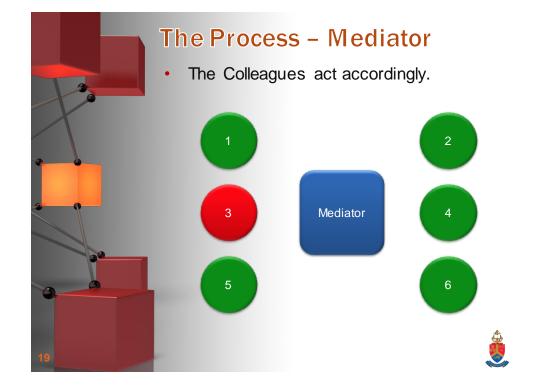




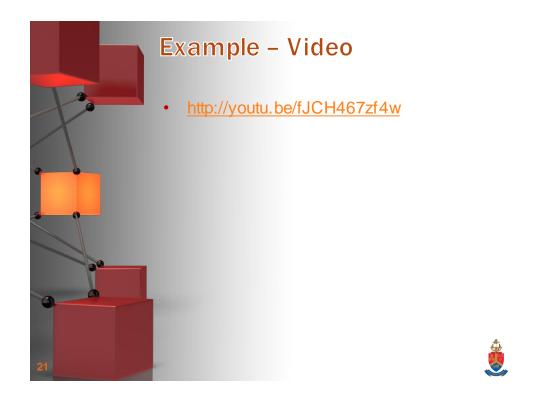


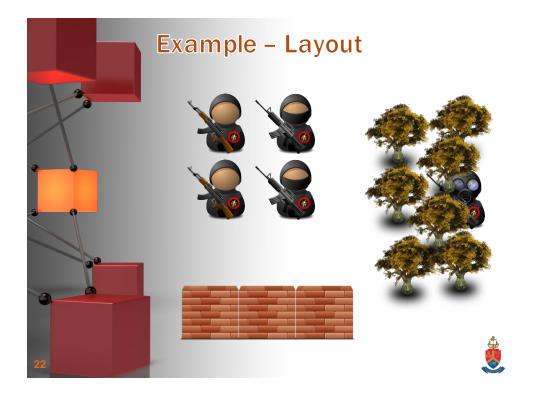


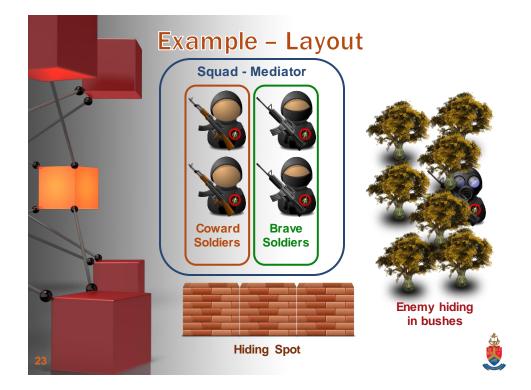


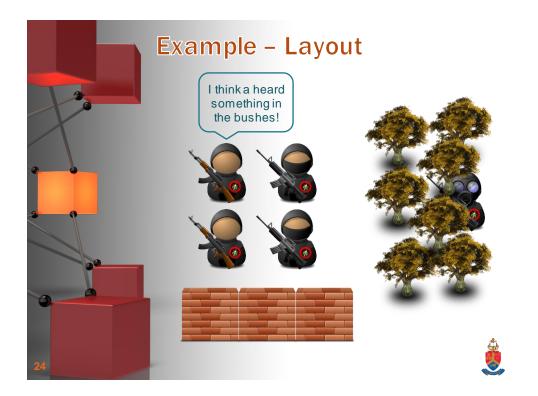


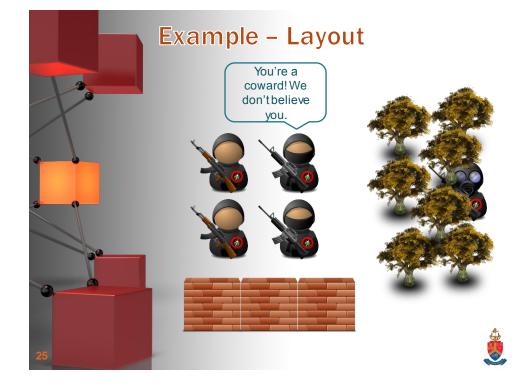
	The Proces	ss – Com	parison
•		Without Mediator	With Mediator
2 9	Number of communications	10	7
20			

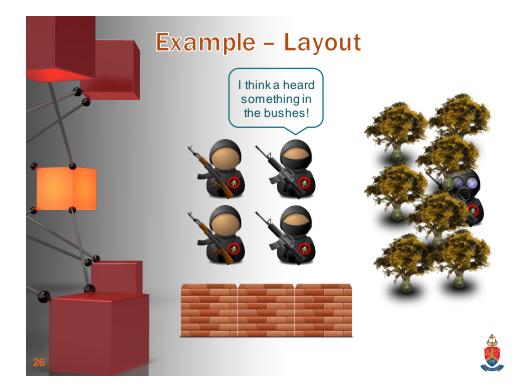


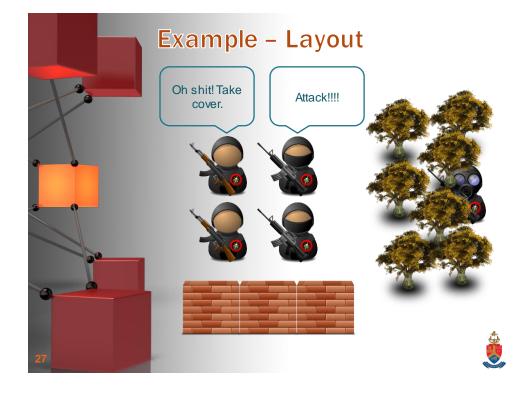


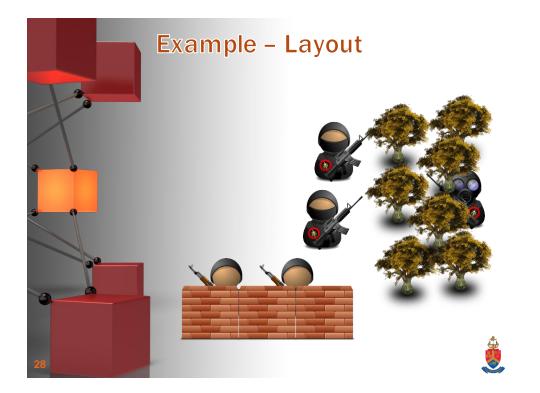


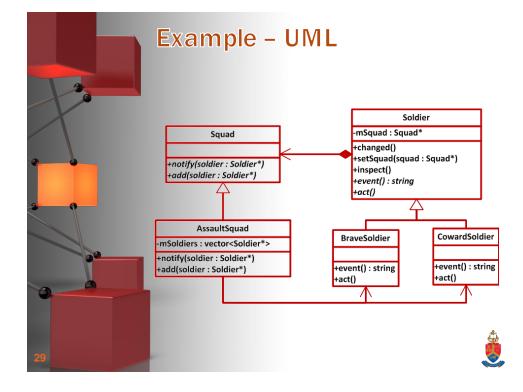


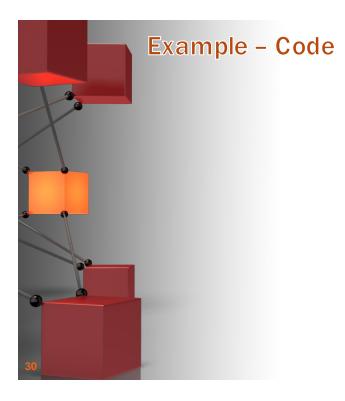




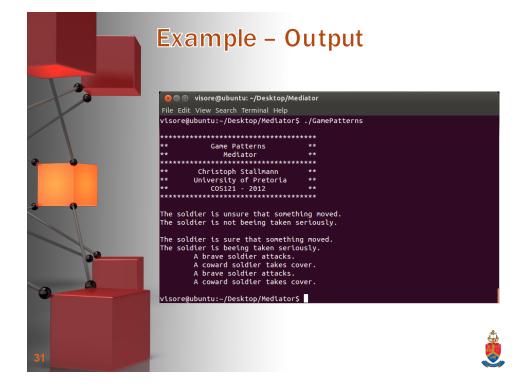


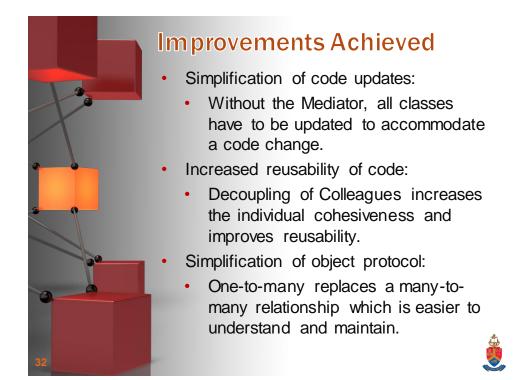














Implementation Issues

- The change() function:
 - Implemented in the Colleague so that all ConcreteColleagues can call
 - Delegates action to the Mediator by calling notify().
- The notify() function:
 - Called every time a ConcreteColleague changes.
 - ConcreteColleague passed as a parameter to improve generic code.





Related Patterns

- Observer
 - Colleagues can communicate with the Mediator by using the Observer pattern.
- Façade
 - Façade makes requests to the subsystem.
 - Mediator receives requests from AND makes requests to the subsystem.



