CS4227 Assignment 1

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The Interceptor Architectural Pattern

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# Seven Steps to implement the Interceptor Architectural Pattern

## STEP 1: Modelling the Internal Behaviour of the Framework

## STEP 2: Identifying and Modelling the Interception Points

## STEP 3: Specifying the Context Objects

## STEP 4: Specifying the Interceptors

## STEP 5: Specifying the Dispatchers

## STEP 6: Implementing the Callback Mechanisms in the Concrete Framework

## STEP 7: Implementing the Concrete Interceptors

# Sequence Diagram of Seven Step Process

# The Code

# Automated Test Case

# Evidence that Code Compiles

# Evaluation of this Meta Programming Mechanism

# References