

Inherit, Reuse, Customize

MCT Framework

Framework Libraries

Generate

MCT Framework

Framework Tools

Application Code

Presentation

Control-Object value population

Validation

Exception Handling & Logging

Caching

Internationalization – Localization

Application Web Pages

Server UI Logic

Client UI Logic

HTML Template Manager

Web Form Generator

UI Logic Generator

Model

Manage Relationships

Manage Object Lifetime

Manage Remoting Behavior

Manage Persistence Behavior

Standard Validation

Caching

Domain Object Model (Business Entities)

Table and Column Mappings

Entity Properties, Lookups, Formatters

Custom Validation

Simple Business Logic

Custom Object Relationships

Model Code Builders

Model Code Generators

Model Validation

Services

Remote Service Facade

Business Service

DTO Pattern and Remoting

Validation

Exception Handling & Logging

Application Specific Remote Business Service Facades

Application Specific Business Services

Data Dependent Complex Business Logic

Service Agents to call external services

Remote Facades Generator

Remote Service Interface Generator

Service Proxy Generator

DTO Generator

Data Access

Data Access Adapters (SL, Oracle)

OR Mapper

Query Generation, Caching and Execution

SP Execution

IL Generation (result-object)

Transaction Handling

Optional Application Specific Data Across Classes

Application Query Layer

Stored Procedure Template Manager

Stored Procedure Generator