

Why extensibility?

Designing and Maintaining Software (DAMS)

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Can we make useful
changes to a system without
re-opening components?

Application

Pizza

Salad

Chef

Restaurant

DeliveryPerson

Website

VersionChecker

Authenticator

Likeable

Shareable

Core Application

Pizza

Salad

Chef

Restaurant

Delivery Extensions

DeliveryPerson

Website

Web Components

VersionChecker

Authenticator

Social Components

Likeable

Shareable

Overview

Middleware pattern for extending message processing systems

Plugins for extending frameworks /
entity-oriented systems

Observers for extending stateful systems