# Coupling

## Content coupling

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Common coupling

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Control coupling

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Stamp coupling

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| **Related Modules** | **Description** | **Improvement** |
| common.controller | PlaceRushOrderController.  calculateShippingFee(…)  using RushOrder as parameter but not use all of its attributes | Change parameter to take only the amount and the list of Order |

# Cohesion

## Coincidental cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Logical cohesion

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| **Related Modules** | **Description** | **Improvement** |
| entity.media | Media.updateMediaFieldById is accessing database | Is better moving it to db module |
| entity.order | RushOrder.queryAllRushOrder  is accessing the database | Can move it to db module |

## Temporal cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Procedural cohesion

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| **Related Modules** | **Description** | **Improvement** |
| PlaceOrderController, PlaceNormalOrderController, PlaceRushOrderController | Constructors of place order controllers has nested relationships to serve the need of initializing the controller | Redesign the controller to have better inheritance as well as introduce interfaces to solve the problem of re-call unnecessary constructors |

## Communicational cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## Sequential cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## imformational cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |

## functional cohesion

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| **Related Modules** | **Description** | **Improvement** |
| None |  |  |