



O1: Shipping status keeps pending $\xrightarrow{\text{depends on}}^{\text{O1} \leftarrow \text{S1}}$ S1: Error in update shipping status with mongoose

O2: Items removed from order are still kept with amount 0 $\xrightarrow{\text{results in}}^{\text{O2} \rightsquigarrow \text{S2}}$ S2: 504 for POST /shipments with item amount less than 1

O3: Use DB connection caching to improve performance $\xrightarrow{\text{mutual related}}^{\text{O3} \leftarrow \text{S3}}$ S3: Improve performance of REST API

O4: Provide shipping info for past orders
O5: Show past orders' shipping info

$\xrightarrow{\text{duplicate}}^{\text{O4 dupl O5}}$

O6: Request Logging with Winston required
O7: Fix security issue due Log4j issue

$\xrightarrow{\text{unrelated}}^{\text{O6} \leftarrow \text{O7}}$