Class diagrams:

MailProcessingMachine

failedEntries: int successEntries: int

checkPostage: boolean checkSenderAddress: boolean checkDestinationAddress: boolean

returnToSender: void destroyEnvelope: void processEnvelopes: void

Envelope

id: int

postageCount: int toAddress: String fromAddress: String

status: String

getPostageCount(): int getToAddress(): String getFromAddress(): String

getStatus(): String setStatus(): String