

Aplikacja do zarządzania zamówieniami w mikroprzedsiębiorstwie

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Namespace Index

1.1 Package List

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Hierarchical Index

2.1 Class Hierarchy

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3.1 Class List

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Chapter 5

Namespace Documentation

5.1 Package com.pz1.pai

Packages

- package `exceptions`
- package `shared`

Classes

- class `PaiApplication`

5.2 Package com.pz1.pai.archive.api

Classes

- class `ArchiveController`

5.3 Package com.pz1.pai.archive.domain

Classes

- class `ArchivedBatch`

5.4 Package com.pz1.pai.archive.repository

Classes

- interface `ArchiveRepository`

5.5 Package com.pz1.pai.archive.service

Classes

- class **ArchiveMapper**
- class **ArchiveService**

5.6 Package com.pz1.pai.batches.api

Classes

- class **BatchController**

5.7 Package com.pz1.pai.batches.domain

Classes

- class **Batch**

5.8 Package com.pz1.pai.batches.dto

Classes

- class **BatchDnPrintDTO**
- class **BatchRequestDTO**
- class **BatchResponseDTO**

5.9 Package com.pz1.pai.batches.repository

Classes

- interface **BatchRepository**

5.10 Package com.pz1.pai.batches.service

Classes

- class **BatchMapper**
- interface **BatchService**
- class **BatchServiceImpl**
- class **BatchValidator**
- class **ScheduleMapper**

5.11 Package com.pz1.pai.clients.api

Classes

- class **ClientController**

5.12 Package com.pz1.pai.clients.domain

Classes

- class **Client**
- enum **ClientType**

5.13 Package com.pz1.pai.clients.repository

Classes

- interface **ClientRepository**

5.14 Package com.pz1.pai.clients.service

Classes

- class **ClientMapper**
- interface **ClientService**
- class **ClientServiceImpl**

5.15 Package com.pz1.pai.exceptions

Packages

- package **dto**

Classes

- class **DataNotFoundException**
- class **DuplicatedDataException**
- class **GlobalExceptionHandler**
- class **IllegalActionException**

5.16 Package com.pz1.pai.exceptions.dto

Classes

- enum `ErrorCode`
- class `ErrorResponse`

5.17 Package com.pz1.pai.orders.api

Classes

- class `OrderController`

5.18 Package com.pz1.pai.orders.domain

Classes

- class `Order`

5.19 Package com.pz1.pai.orders.dto

Classes

- class `OrderRequestDTO`
- class `OrderResponseDTO`

5.20 Package com.pz1.pai.orders.repository

Classes

- interface `OrderRepository`

5.21 Package com.pz1.pai.orders.service

Classes

- class `OrderMapper`
- interface `OrderService`
- class `OrderServiceImpl`
- class `OrderStatus`
- class `OrderStatusListener`

5.22 Package com.pz1.pai.schedules.domain

Classes

- class **Schedule**

5.23 Package com.pz1.pai.schedules.repository

Classes

- interface **ScheduleRepository**

5.24 Package com.pz1.pai.shared

Packages

- package **tools**

Classes

- class **IdEntity**

5.25 Package com.pz1.pai.shared.tools

Functions

- record **DnParser** ()
- record **VehicleTypeParser** ()

5.25.1 Function Documentation

5.25.1.1 DnParser()

```
record com.pz1.pai.shared.tools.DnParser ()
```

5.25.1.2 VehicleTypeParser()

```
record com.pz1.pai.shared.tools.VehicleTypeParser ()
```

5.26 Package com.pz1.pai.vehicles.api

Classes

- class **VehicleController**

5.27 Package com.pz1.pai.vehicles.domain

Classes

- class **Vehicle**
- enum **VehicleType**

5.28 Package com.pz1.pai.vehicles.dto

Classes

- class **VehicleRequestDTO**

5.29 Package com.pz1.pai.vehicles.repository

Classes

- interface **VehicleRepository**

5.30 Package com.pz1.pai.vehicles.service

Classes

- class **VehicleMapper**
- interface **VehicleService**
- class **VehicleServiceImpl**

Chapter 6

Class Documentation

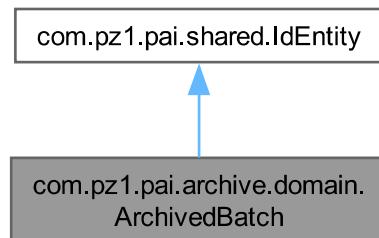
6.1 com.pz1.pai.archive.api.ArchiveController Class Reference

The documentation for this class was generated from the following file:

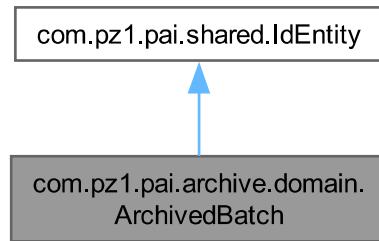
- archive/api/ **ArchiveController.java**

6.2 com.pz1.pai.archive.domain.ArchivedBatch Class Reference

Inheritance diagram for com.pz1.pai.archive.domain.ArchivedBatch:



Collaboration diagram for com.pz1.pai.archive.domain.ArchivedBatch:



The documentation for this class was generated from the following file:

- archive/domain/ **ArchivedBatch.java**

6.3 com.pz1.pai.archive.service.ArchiveMapper Class Reference

Public Member Functions

- ArchivedBatch toArchive (final Batch batch)**

6.3.1 Member Function Documentation

6.3.1.1 toArchive()

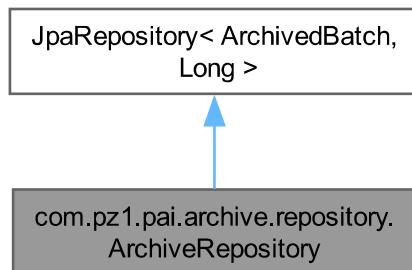
```
ArchivedBatch com.pz1.pai.archive.service.ArchiveMapper.toArchive (
    final Batch batch)
```

The documentation for this class was generated from the following file:

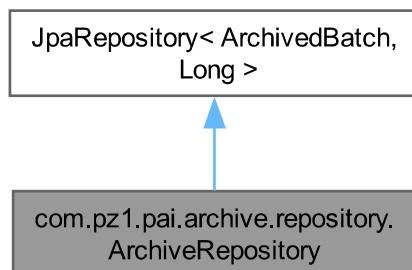
- archive/service/ **ArchiveMapper.java**

6.4 com.pz1.pai.archive.repository.ArchiveRepository Interface Reference

Inheritance diagram for com.pz1.pai.archive.repository.ArchiveRepository:



Collaboration diagram for com.pz1.pai.archive.repository.ArchiveRepository:



The documentation for this interface was generated from the following file:

- archive/repository/ **ArchiveRepository.java**

6.5 com.pz1.pai.archive.service.ArchiveService Class Reference

Public Member Functions

- void **saveToArchive** (final Long orderId)
- List< **ArchivedBatch** > **readAllArchivedBatches** ()
- List< **ArchivedBatch** > **readAllArchivedBatches** (final Sort sort)

6.5.1 Member Function Documentation

6.5.1.1 `readAllArchivedBatches()` [1/2]

```
List< ArchivedBatch > com.pz1.pai.archive.service.ArchiveService.readAllArchivedBatches ()
```

6.5.1.2 `readAllArchivedBatches()` [2/2]

```
List< ArchivedBatch > com.pz1.pai.archive.service.ArchiveService.readAllArchivedBatches (
    final Sort sort)
```

6.5.1.3 `saveToArchive()`

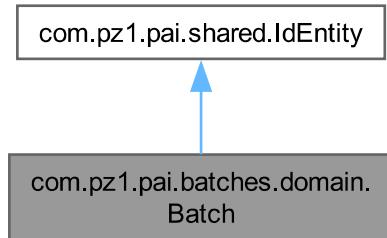
```
void com.pz1.pai.archive.service.ArchiveService.saveToArchive (
    final Long orderId)
```

The documentation for this class was generated from the following file:

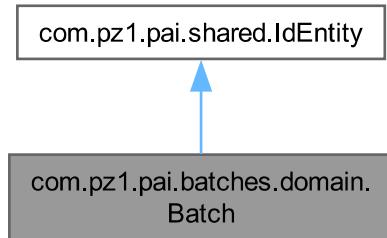
- archive/service/ **ArchiveService.java**

6.6 com.pz1.pai.batches.domain.Batch Class Reference

Inheritance diagram for com.pz1.pai.batches.domain.Batch:



Collaboration diagram for com.pz1.pai.batches.domain.Batch:



The documentation for this class was generated from the following file:

- batches/domain/ **Batch.java**

6.7 com.pz1.pai.batches.api.BatchController Class Reference

The documentation for this class was generated from the following file:

- batches/api/ **BatchController.java**

6.8 com.pz1.pai.batches.dto.BatchDnPrintDTO Class Reference

The documentation for this class was generated from the following file:

- batches/dto/ **BatchDnPrintDTO.java**

6.9 com.pz1.pai.batches.service.BatchMapper Class Reference

Public Member Functions

- **Batch toBatch** (final **BatchRequestDTO** batchRequestDTO, final **Order** order)
- void **updateBatch** (final **Batch** existBatch, final **BatchRequestDTO** batchRequestDTO)
- List< **BatchResponseDTO** > **toBatchResponse** (final List< **Batch** > batches)
- **BatchDnPrintDTO toBatchDnPrintResponse** (final **Batch** batch)

6.9.1 Member Function Documentation

6.9.1.1 toBatch()

```
Batch com.pz1.pai.batches.service.BatchMapper.toBatch (
    final BatchRequestDTO batchRequestDTO,
    final Order order)
```

6.9.1.2 toBatchDnPrintResponse()

```
BatchDnPrintDTO com.pz1.pai.batches.service.BatchMapper.toBatchDnPrintResponse (
    final Batch batch)
```

6.9.1.3 toBatchResponse()

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchMapper.toBatchResponse (
    final List< Batch > batches)
```

6.9.1.4 updateBatch()

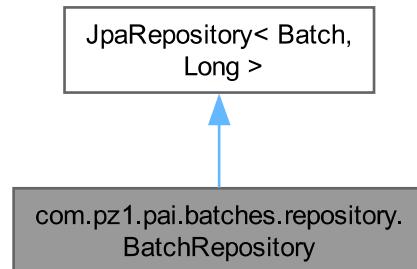
```
void com.pz1.pai.batches.service.BatchMapper.updateBatch (
    final Batch existBatch,
    final BatchRequestDTO batchRequestDTO)
```

The documentation for this class was generated from the following file:

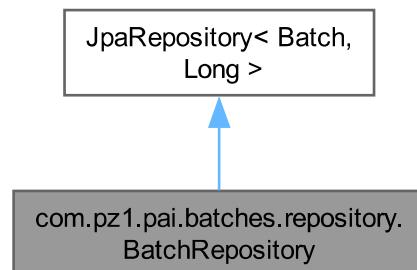
- batches/service/ **BatchMapper.java**

6.10 com.pz1.pai.batches.repository.BatchRepository Interface Reference

Inheritance diagram for com.pz1.pai.batches.repository.BatchRepository:



Collaboration diagram for com.pz1.pai.batches.repository.BatchRepository:



Public Member Functions

- `List< Batch > findAllByOrderId (Long orderId)`

6.10.1 Member Function Documentation

6.10.1.1 findAllByOrderId()

```
List< Batch > com.pz1.pai.batches.repository.BatchRepository.findAllById ( Long orderId )
```

The documentation for this interface was generated from the following file:

- batches/repository/ **BatchRepository.java**

6.11 com.pz1.pai.batches.dto.BatchRequestDTO Class Reference

The documentation for this class was generated from the following file:

- batches/dto/ **BatchRequestDTO.java**

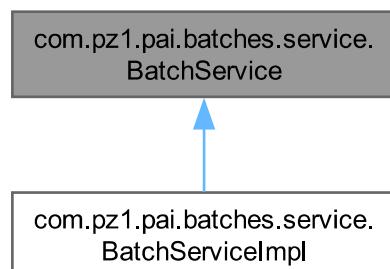
6.12 com.pz1.pai.batches.dto.BatchResponseDTO Class Reference

The documentation for this class was generated from the following file:

- batches/dto/ **BatchResponseDTO.java**

6.13 com.pz1.pai.batches.service.BatchService Interface Reference

Inheritance diagram for com.pz1.pai.batches.service.BatchService:



Public Member Functions

- **OrderStatus inverseStatus (final Long id)**
- **BatchResponseDTO readBatch (final Long id)**
- **BatchDnPrintDTO readBatchToDnPrint (final Long id)**
- **List< BatchResponseDTO > readAllBatches ()**
- **List< BatchResponseDTO > readAllBatches (final Sort sort)**
- **List< BatchResponseDTO > readAllBatchesByOrderId (final Long orderId)**
- **void deleteBatch (final Long id)**

6.13.1 Member Function Documentation

6.13.1.1 deleteBatch()

```
void com.pz1.pai.batches.service.BatchService.deleteBatch (
    final Long id)
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 24).

6.13.1.2 inverseStatus()

```
OrderStatus com.pz1.pai.batches.service.BatchService.inverseStatus (
    final Long id)
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 24).

6.13.1.3 readAllBatches() [1/2]

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchService.readAllBatches ()
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 24).

6.13.1.4 readAllBatches() [2/2]

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchService.readAllBatches (
    final Sort sort)
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 24).

6.13.1.5 readAllBatchesByOrderId()

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchService.readAllBatchesByOrderId (
    final Long orderId)
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 24).

6.13.1.6 `readBatch()`

```
BatchResponseDTO com.pz1.pai.batches.service.BatchService.readBatch ( final Long id)
```

Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 25).

6.13.1.7 `readBatchToDnPrint()`

```
BatchDnPrintDTO com.pz1.pai.batches.service.BatchService.readBatchToDnPrint ( final Long id)
```

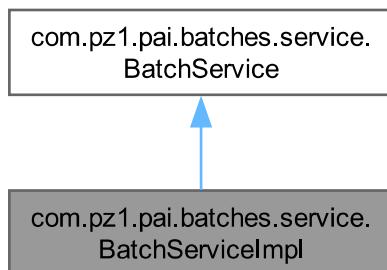
Implemented in **com.pz1.pai.batches.service.BatchServiceImpl** (p. 25).

The documentation for this interface was generated from the following file:

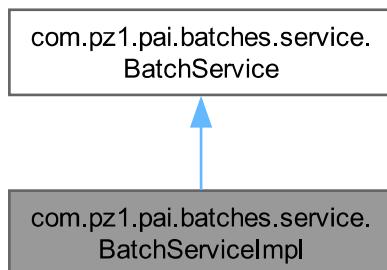
- batches/service/ **BatchService.java**

6.14 com.pz1.pai.batches.service.BatchServiceImpl Class Reference

Inheritance diagram for com.pz1.pai.batches.service.BatchServiceImpl:



Collaboration diagram for com.pz1.pai.batches.service.BatchServiceImpl:



Public Member Functions

- `OrderStatus inverseStatus (final Long id)`
- `BatchResponseDTO readBatch (final Long id)`
- `BatchDnPrintDTO readBatchToDnPrint (final Long id)`
- `List< BatchResponseDTO > readAllBatches ()`
- `List< BatchResponseDTO > readAllBatches (final Sort sort)`
- `List< BatchResponseDTO > readAllBatchesByOrderId (final Long orderId)`
- `void deleteBatch (final Long id)`

Public Member Functions inherited from `com.pz1.pai.batches.service.BatchService`

6.14.1 Member Function Documentation

6.14.1.1 `deleteBatch()`

```
void com.pz1.pai.batches.service.BatchServiceImpl.deleteBatch (
    final Long id)
```

Implements `com.pz1.pai.batches.service.BatchService` (p. 22).

6.14.1.2 `inverseStatus()`

```
OrderStatus com.pz1.pai.batches.service.BatchServiceImpl.inverseStatus (
    final Long id)
```

Implements `com.pz1.pai.batches.service.BatchService` (p. 22).

6.14.1.3 `readAllBatches() [1/2]`

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchServiceImpl.readAllBatches ()
```

Implements `com.pz1.pai.batches.service.BatchService` (p. 22).

6.14.1.4 `readAllBatches() [2/2]`

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchServiceImpl.readAllBatches (
    final Sort sort)
```

Implements `com.pz1.pai.batches.service.BatchService` (p. 22).

6.14.1.5 `readAllBatchesByOrderId()`

```
List< BatchResponseDTO > com.pz1.pai.batches.service.BatchServiceImpl.readAllBatchesByOrderId (
    final Long orderId)
```

Implements `com.pz1.pai.batches.service.BatchService` (p. 22).

6.14.1.6 **readBatch()**

```
BatchResponseDTO com.pz1.pai.batches.service.BatchServiceImpl.readBatch ( final Long id)
```

Implements **com.pz1.pai.batches.service.BatchService** (p. 23).

6.14.1.7 **readBatchToDnPrint()**

```
BatchDnPrintDTO com.pz1.pai.batches.service.BatchServiceImpl.readBatchToDnPrint ( final Long id)
```

Implements **com.pz1.pai.batches.service.BatchService** (p. 23).

The documentation for this class was generated from the following file:

- batches/service/**BatchServiceImpl.java**

6.15 com.pz1.pai.batches.service.BatchValidator Class Reference

Public Member Functions

- boolean **vehicleExistCheck** (final Long vehicleId)
- boolean **scheduleCheck** (final Long vehicleId, final LocalDate date, final LocalTime startTime, final int duration)
- void **batchRemover** (final boolean toDelete, final Long id)

6.15.1 Member Function Documentation

6.15.1.1 **batchRemover()**

```
void com.pz1.pai.batches.service.BatchValidator.batchRemover ( final boolean toDelete, final Long id)
```

6.15.1.2 **scheduleCheck()**

```
boolean com.pz1.pai.batches.service.BatchValidator.scheduleCheck ( final Long vehicleId, final LocalDate date, final LocalTime startTime, final int duration)
```

6.15.1.3 vehicleExistCheck()

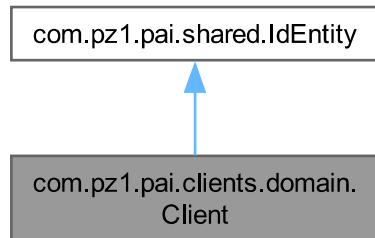
```
boolean com.pz1.pai.batches.service.BatchValidator.vehicleExistCheck (
    final Long vehicleId)
```

The documentation for this class was generated from the following file:

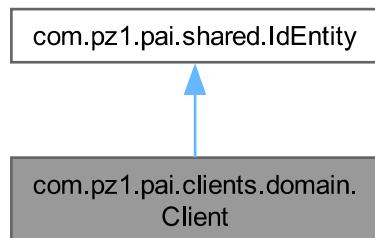
- batches/service/ **BatchValidator.java**

6.16 com.pz1.pai.clients.domain.Client Class Reference

Inheritance diagram for com.pz1.pai.clients.domain.Client:



Collaboration diagram for com.pz1.pai.clients.domain.Client:



The documentation for this class was generated from the following file:

- clients/domain/ **Client.java**

6.17 com.pz1.pai.clients.api.ClientController Class Reference

The documentation for this class was generated from the following file:

- clients/api/ **ClientController.java**

6.18 com.pz1.pai.clients.service.ClientMapper Class Reference

Public Member Functions

- **Client newClientValidating (final Client toSave)**
- void **existClientValidating (final Client existClient, final Client toUpdate)**
- **ClientType clientType (final String taxpayerIdentNo)**

6.18.1 Member Function Documentation

6.18.1.1 clientType()

```
ClientType com.pz1.pai.clients.service.ClientMapper.clientType (
    final String taxpayerIdentNo)
```

6.18.1.2 existClientValidating()

```
void com.pz1.pai.clients.service.ClientMapper.existClientValidating (
    final Client existClient,
    final Client toUpdate)
```

6.18.1.3 newClientValidating()

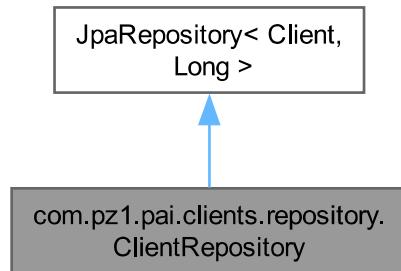
```
Client com.pz1.pai.clients.service.ClientMapper.newClientValidating (
    final Client toSave)
```

The documentation for this class was generated from the following file:

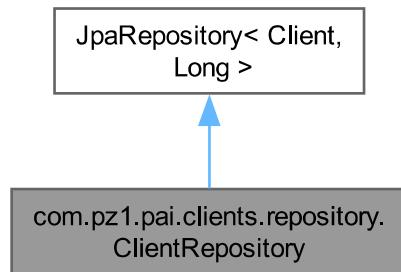
- clients/service/ **ClientMapper.java**

6.19 com.pz1.pai.clients.repository.ClientRepository Interface Reference

Inheritance diagram for com.pz1.pai.clients.repository.ClientRepository:



Collaboration diagram for com.pz1.pai.clients.repository.ClientRepository:



Public Member Functions

- boolean `existsClientByTaxpayerIdentNo` (String txp)
- boolean `existsClientByName` (String name)
- boolean `existsClientByNameAndIdIsNot` (String name, Long id)

6.19.1 Member Function Documentation

6.19.1.1 existsClientByName()

```
boolean com.pz1.pai.clients.repository.ClientRepository.existsClientByName (
    String name)
```

6.19.1.2 existsClientByNameAndIdIsNot()

```
boolean com.pz1.pai.clients.repository.ClientRepository.existsClientByNameAndIdIsNot (
    String name,
    Long id)
```

6.19.1.3 existsClientByTaxpayerIdentNo()

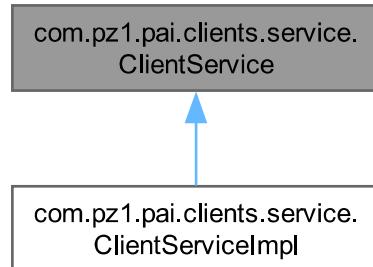
```
boolean com.pz1.pai.clients.repository.ClientRepository.existsClientByTaxpayerIdentNo (
    String txp)
```

The documentation for this interface was generated from the following file:

- clients/repository/ **ClientRepository.java**

6.20 com.pz1.pai.clients.service.ClientService Interface Reference

Inheritance diagram for com.pz1.pai.clients.service.ClientService:



Public Member Functions

- Client saveClient (Client toSave)**
- Client updateClient (final Long id, final Client toUpdate)**
- Client getClient (Long id)**
- List< Client > getAllClients ()**
- List< Client > getAllClients (final Sort sort)**
- void deleteClient (final Long id)**

6.20.1 Member Function Documentation

6.20.1.1 deleteClient()

```
void com.pz1.pai.clients.service.ClientService.deleteClient (
    final Long id)
```

Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

6.20.1.2 getAllClients() [1/2]

```
List< Client > com.pz1.pai.clients.service.ClientService.getAllClients ()
```

Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

6.20.1.3 getAllClients() [2/2]

```
List< Client > com.pz1.pai.clients.service.ClientService.getAllClients (
    final Sort sort)
```

Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

6.20.1.4 getClient()

```
Client com.pz1.pai.clients.service.ClientService.getClient (
    Long id)
```

Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

6.20.1.5 saveClient()

```
Client com.pz1.pai.clients.service.ClientService.saveClient (
    Client toSave)
```

Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

6.20.1.6 updateClient()

```
Client com.pz1.pai.clients.service.ClientService.updateClient (
    final Long id,
    final Client toUpdate)
```

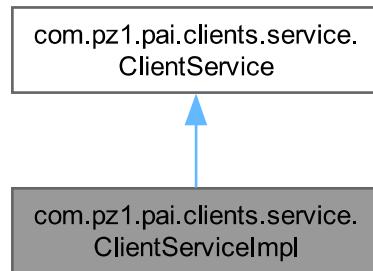
Implemented in **com.pz1.pai.clients.service.ClientServiceImpl** (p. 32).

The documentation for this interface was generated from the following file:

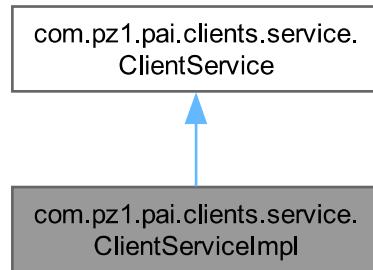
- clients/service/**ClientService.java**

6.21 com.pz1.pai.clients.service.ClientServiceImpl Class Reference

Inheritance diagram for com.pz1.pai.clients.service.ClientServiceImpl:



Collaboration diagram for com.pz1.pai.clients.service.ClientServiceImpl:



Public Member Functions

- `Client saveClient (Client toSave)`
- `Client updateClient (final Long id, final Client toUpdate)`
- `Client getClient (Long id)`
- `List< Client > getAllClients ()`
- `List< Client > getAllClients (final Sort sort)`
- `void deleteClient (final Long id)`

Public Member Functions inherited from `com.pz1.pai.clients.service.ClientService`

6.21.1 Member Function Documentation

6.21.1.1 `deleteClient()`

```
void com.pz1.pai.clients.service.ClientServiceImpl.deleteClient (
    final Long id)
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 29).

6.21.1.2 `getAllClients() [1/2]`

```
List< Client > com.pz1.pai.clients.service.ClientServiceImpl.getAllClients ()
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 30).

6.21.1.3 `getAllClients() [2/2]`

```
List< Client > com.pz1.pai.clients.service.ClientServiceImpl.getAllClients (
    final Sort sort)
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 30).

6.21.1.4 `getClient()`

```
Client com.pz1.pai.clients.service.ClientServiceImpl.getClient (
    Long id)
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 30).

6.21.1.5 `saveClient()`

```
Client com.pz1.pai.clients.service.ClientServiceImpl.saveClient (
    Client toSave)
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 30).

6.21.1.6 `updateClient()`

```
Client com.pz1.pai.clients.service.ClientServiceImpl.updateClient (
    final Long id,
    final Client toUpdate)
```

Implements `com.pz1.pai.clients.service.ClientService` (p. 30).

The documentation for this class was generated from the following file:

- clients/service/`ClientServiceImpl.java`

6.22 com.pz1.pai.clients.domain.ClientType Enum Reference

Public Attributes

- INDIVIDUAL
- BUSINESS

6.22.1 Member Data Documentation

6.22.1.1 BUSINESS

com.pz1.pai.clients.domain.ClientType.BUSINESS

6.22.1.2 INDIVIDUAL

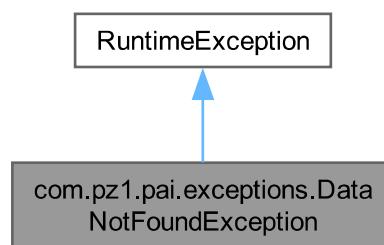
com.pz1.pai.clients.domain.ClientType.INDIVIDUAL

The documentation for this enum was generated from the following file:

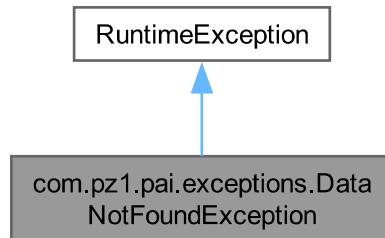
- clients/domain/ **ClientType.java**

6.23 com.pz1.pai.exceptions.DataNotFoundException Class Reference

Inheritance diagram for com.pz1.pai.exceptions.DataNotFoundException:



Collaboration diagram for com.pz1.pai.exceptions.DataNotFoundException:



Public Member Functions

- **DataNotFoundException** (String message)
- **DataNotFoundException** (String dataType, Long id)
- **DataNotFoundException** (String dataType, String dataName)

6.23.1 Constructor & Destructor Documentation

6.23.1.1 DataNotFoundException() [1/3]

```
com.pz1.pai.exceptions.DataNotFoundException.DataNotFoundException (
    String message)
```

6.23.1.2 DataNotFoundException() [2/3]

```
com.pz1.pai.exceptions.DataNotFoundException.DataNotFoundException (
    String dataType,
    Long id)
```

6.23.1.3 DataNotFoundException() [3/3]

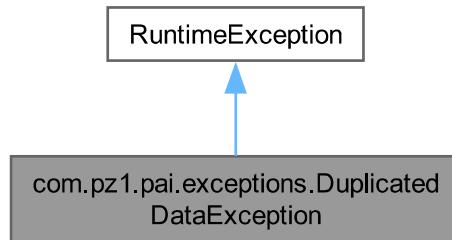
```
com.pz1.pai.exceptions.DataNotFoundException.DataNotFoundException (
    String dataType,
    String dataName)
```

The documentation for this class was generated from the following file:

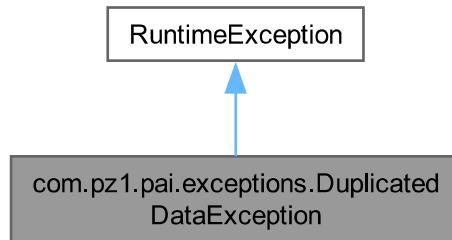
- exceptions/ **DataNotFoundException.java**

6.24 com.pz1.pai.exceptions.DuplicatedDataException Class Reference

Inheritance diagram for com.pz1.pai.exceptions.DuplicatedDataException:



Collaboration diagram for com.pz1.pai.exceptions.DuplicatedDataException:



Public Member Functions

- `DuplicatedDataException (String message)`
- `DuplicatedDataException (String dataType, Long id)`
- `DuplicatedDataException (String dataType, String dataName)`

6.24.1 Constructor & Destructor Documentation

6.24.1.1 DuplicatedDataException() [1/3]

```
com.pz1.pai.exceptions.DuplicatedDataException.DuplicatedDataException (
    String message)
```

6.24.1.2 DuplicatedDataException() [2/3]

```
com.pz1.pai.exceptions.DuplicatedDataException.DuplicatedDataException (
    String dataType,
    Long id)
```

6.24.1.3 DuplicatedDataException() [3/3]

```
com.pz1.pai.exceptions.DuplicatedDataException.DuplicatedDataException (
    String dataType,
    String dataName)
```

The documentation for this class was generated from the following file:

- exceptions/ **DuplicatedDataException.java**

6.25 com.pz1.pai.exceptions.dto.ErrorCode Enum Reference

Public Attributes

- DUPLICATED_DATA
- DATA_NOT_FOUND
- ILLEGAL_ACTION
- BAD_INPUT_DATA
- CONNECTION_FAILED

6.25.1 Member Data Documentation

6.25.1.1 BAD_INPUT_DATA

```
com.pz1.pai.exceptions.dto.ErrorCode.BAD_INPUT_DATA
```

6.25.1.2 CONNECTION_FAILED

```
com.pz1.pai.exceptions.dto.ErrorCode.CONNECTION_FAILED
```

6.25.1.3 DATA_NOT_FOUND

```
com.pz1.pai.exceptions.dto.ErrorCode.DATA_NOT_FOUND
```

6.25.1.4 DUPLICATED_DATA

```
com.pz1.pai.exceptions.dto.ErrorCode.DUPLICATED_DATA
```

6.25.1.5 ILLEGAL_ACTION

```
com.pz1.pai.exceptions.dto.ErrorCode.ILLEGAL_ACTION
```

The documentation for this enum was generated from the following file:

- exceptions/dto/ **ErrorCode.java**

6.26 com.pz1.pai.exceptions.dto.ErrorResponse Class Reference

The documentation for this class was generated from the following file:

- exceptions/dto/ **ErrorResponse.java**

6.27 com.pz1.pai.exceptions.GlobalExceptionHandler Class Reference

Public Member Functions

- ResponseEntity< **ErrorResponse** > **handleDuplicatedDataException** (**DuplicatedDataException** ex)
- ResponseEntity< **ErrorResponse** > **handleDataNotFoundException** (**DataNotFoundException** ex)
- ResponseEntity< **ErrorResponse** > **handleIllegalActionException** (**IllegalActionException** ex)
- ResponseEntity< **ErrorResponse** > **handlePropertyReferenceException** (**PropertyReferenceException** ex)
- ResponseEntity< **ErrorResponse** > **handleHttpMessageNotReadableException** (**HttpMessageNotReadableException** ex)
- ResponseEntity< **ErrorResponse** > **handleConstraintViolationException** (**ConstraintViolationException** ex)
- ResponseEntity< **ErrorResponse** > **handleIllegalArgumentException** (**IllegalArgumentException** ex)
- ResponseEntity< Map< String, String > > **handleMethodArgumentNotValidException** (**MethodArgumentNotValidException** ex)

6.27.1 Member Function Documentation

6.27.1.1 handleConstraintViolationException()

```
ResponseType< ErrorResponse > com.pz1.pai.exceptions.GlobalExceptionHandler.handleConstraintViolationException (
    ConstraintViolationException ex)
```

6.27.1.2 handleDataNotFoundException()

```
ResponseType< ErrorResponse > com.pz1.pai.exceptions.GlobalExceptionHandler.handleDataNotFoundException (
    DataNotFoundException ex)
```

6.27.1.3 handleDuplicatedDataException()

```
ResponseType< ErrorResponse > com.pzl.pai.exceptions.GlobalExceptionHandler.handleDuplicatedDataException ( DuplicatedDataException ex)
```

6.27.1.4 handleHttpMessageNotReadableException()

```
ResponseType< ErrorResponse > com.pzl.pai.exceptions.GlobalExceptionHandler.handleHttpMessageNotReadableException ( HttpMessageNotReadableException ex)
```

6.27.1.5 handleIllegalActionException()

```
ResponseType< ErrorResponse > com.pzl.pai.exceptions.GlobalExceptionHandler.handleIllegalActionException ( IllegalActionException ex)
```

6.27.1.6 handleIllegalArgumentException()

```
ResponseType< ErrorResponse > com.pzl.pai.exceptions.GlobalExceptionHandler.handleIllegalArgumentException ( IllegalArgumentException ex)
```

6.27.1.7 handleMethodArgumentNotValidException()

```
ResponseType< Map< String, String > > com.pzl.pai.exceptions.GlobalExceptionHandler.handleMethodArgumentNotValidException ( MethodArgumentNotValidException ex)
```

6.27.1.8 handlePropertyReferenceException()

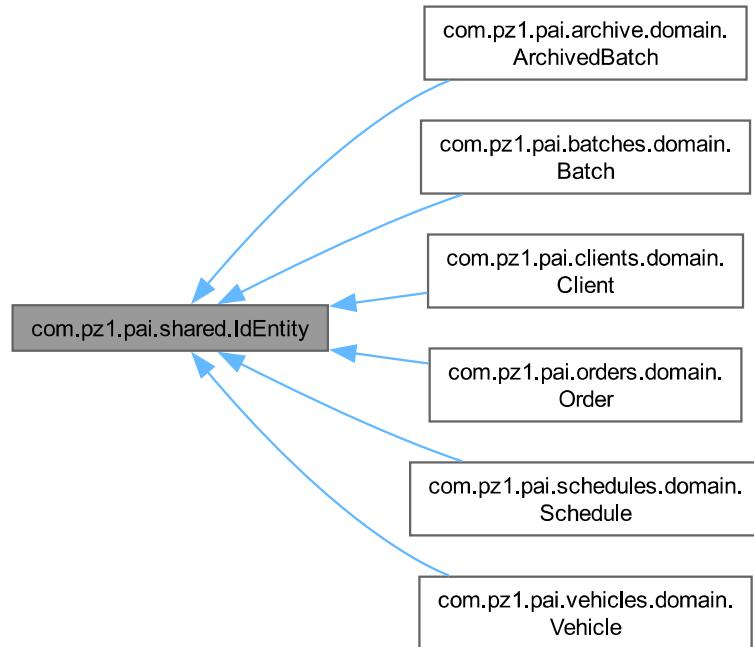
```
ResponseType< ErrorResponse > com.pzl.pai.exceptions.GlobalExceptionHandler.handlePropertyReferenceException ( PropertyReferenceException ex)
```

The documentation for this class was generated from the following file:

- exceptions/**GlobalExceptionHandler.java**

6.28 com.pz1.pai.shared.IdEntity Class Reference

Inheritance diagram for com.pz1.pai.shared.IdEntity:

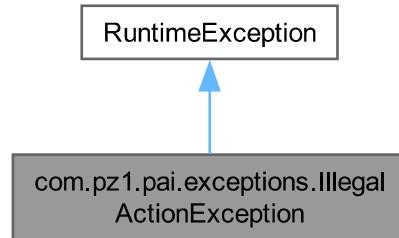


The documentation for this class was generated from the following file:

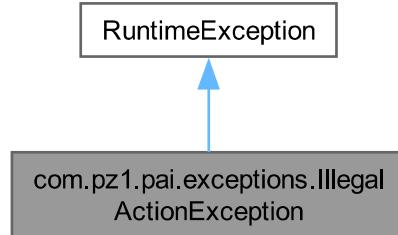
- shared/ **IdEntity.java**

6.29 com.pz1.pai.exceptions.IllegalActionException Class Reference

Inheritance diagram for com.pz1.pai.exceptions.IllegalActionException:



Collaboration diagram for com.pz1.pai.exceptions.IIllegalActionException:



Public Member Functions

- **IIlegalActionException** (String message)

6.29.1 Constructor & Destructor Documentation

6.29.1.1 IIlegalActionException()

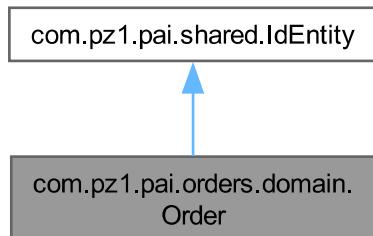
```
com.pz1.pai.exceptions.IIllegalActionException.IIllegalActionException (
    String message)
```

The documentation for this class was generated from the following file:

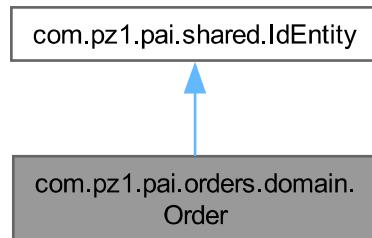
- exceptions/ **IIlegalActionException.java**

6.30 com.pz1.pai.orders.domain.Order Class Reference

Inheritance diagram for com.pz1.pai.orders.domain.Order:



Collaboration diagram for com.pz1.pai.orders.domain.Order:



The documentation for this class was generated from the following file:

- orders/domain/ **Order.java**

6.31 com.pz1.pai.orders.service.OrderMapper Class Reference

Public Member Functions

- **Order newOrderDataValidating (OrderRequestDTO toSave, final Client client)**
- **void existOrderDataValidating (OrderRequestDTO toSave, final Client client, final Order existOrder)**
- **OrderResponseDTO toResponse (final Order order)**

6.31.1 Member Function Documentation

6.31.1.1 existOrderDataValidating()

```
void com.pz1.pai.orders.service.OrderMapper.existOrderDataValidating (
    OrderRequestDTO toSave,
    final Client client,
    final Order existOrder)
```

6.31.1.2 newOrderDataValidating()

```
Order com.pz1.pai.orders.service.OrderMapper.newOrderDataValidating (
    OrderRequestDTO toSave,
    final Client client)
```

6.31.1.3 toResponse()

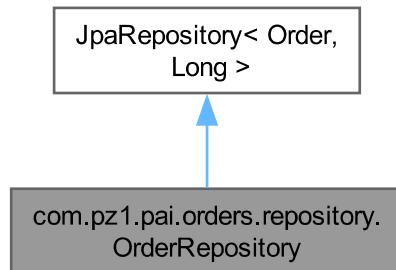
```
OrderResponseDTO com.pz1.pai.orders.service.OrderMapper.toResponse (
    final Order order)
```

The documentation for this class was generated from the following file:

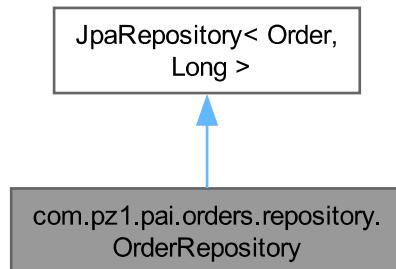
- orders/service/ **OrderMapper.java**

6.32 com.pz1.pai.orders.repository.OrderRepository Interface Reference

Inheritance diagram for com.pz1.pai.orders.repository.OrderRepository:



Collaboration diagram for com.pz1.pai.orders.repository.OrderRepository:



Public Member Functions

- boolean **existsOrderByClient_Id** (Long id)
- Optional< Order > **findTopByOrderByOrderNoDesc** ()

6.32.1 Member Function Documentation

6.32.1.1 existsOrderByClient_Id()

```
boolean com.pz1.pai.orders.repository.OrderRepository.existsOrderByClient_Id ( Long id)
```

6.32.1.2 findTopByOrderByOrderNoDesc()

```
Optional< Order > com.pz1.pai.orders.repository.OrderRepository.findTopByOrderByOrderNoDesc ()
```

The documentation for this interface was generated from the following file:

- orders/repository/ **OrderRepository.java**

6.33 com.pz1.pai.orders.dto.OrderRequestDTO Class Reference

The documentation for this class was generated from the following file:

- orders/dto/ **OrderRequestDTO.java**

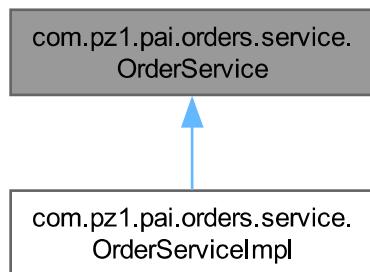
6.34 com.pz1.pai.orders.dto.OrderResponseDTO Class Reference

The documentation for this class was generated from the following file:

- orders/dto/ **OrderResponseDTO.java**

6.35 com.pz1.pai.orders.service.OrderService Interface Reference

Inheritance diagram for com.pz1.pai.orders.service.OrderService:



Public Member Functions

- `OrderResponseDTO saveOrder (final OrderRequestDTO toSave)`
- `List< BatchResponseDTO > saveOrUpdateBatches (final Long id, final List< BatchRequestDTO > toSave)`
- `OrderResponseDTO updateOrder (final Long id, final OrderRequestDTO toSave)`
- `void changeOrderStatus (boolean status, final Long id)`
- `List< OrderResponseDTO > getAllOrders ()`
- `OrderResponseDTO getOrder (final Long id)`
- `List< OrderResponseDTO > getAllOrders (final Sort sort)`
- `List< OrderResponseDTO > getAllOrdersByState (final boolean status, final Sort sort)`
- `void deleteOrder (final Long id)`

6.35.1 Member Function Documentation

6.35.1.1 changeOrderStatus()

```
void com.pz1.pai.orders.service.OrderService.changeOrderStatus (
    boolean status,
    final Long id)
```

Implemented in `com.pz1.pai.orders.service.OrderServiceImpl` (p. 46).

6.35.1.2 deleteOrder()

```
void com.pz1.pai.orders.service.OrderService.deleteOrder (
    final Long id)
```

Implemented in `com.pz1.pai.orders.service.OrderServiceImpl` (p. 46).

6.35.1.3 getAllOrders() [1/2]

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderService.getAllOrders ()
```

Implemented in `com.pz1.pai.orders.service.OrderServiceImpl` (p. 47).

6.35.1.4 getAllOrders() [2/2]

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderService.getAllOrders (
    final Sort sort)
```

Implemented in `com.pz1.pai.orders.service.OrderServiceImpl` (p. 47).

6.35.1.5 getAllOrdersByState()

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderService.getAllOrdersByState (
    final boolean status,
    final Sort sort)
```

Implemented in `com.pz1.pai.orders.service.OrderServiceImpl` (p. 47).

6.35.1.6 getOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderService.getOrder (
    final Long id)
```

Implemented in **com.pz1.pai.orders.service.OrderServiceImpl** (p. 47).

6.35.1.7 saveOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderService.saveOrder (
    final OrderRequestDTO toSave)
```

Implemented in **com.pz1.pai.orders.service.OrderServiceImpl** (p. 47).

6.35.1.8 saveOrUpdateBatches()

```
List< BatchResponseDTO > com.pz1.pai.orders.service.OrderService.saveOrUpdateBatches (
    final Long id,
    final List< BatchRequestDTO > toSave)
```

Implemented in **com.pz1.pai.orders.service.OrderServiceImpl** (p. 47).

6.35.1.9 updateOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderService.updateOrder (
    final Long id,
    final OrderRequestDTO toSave)
```

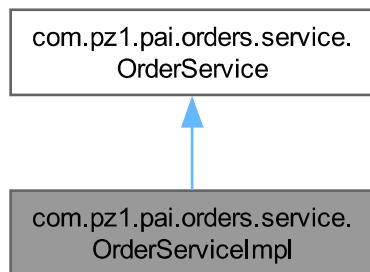
Implemented in **com.pz1.pai.orders.service.OrderServiceImpl** (p. 48).

The documentation for this interface was generated from the following file:

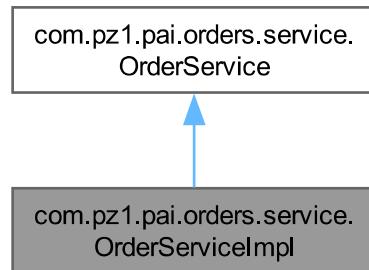
- orders/service/**OrderService.java**

6.36 com.pz1.pai.orders.service.OrderServiceImpl Class Reference

Inheritance diagram for com.pz1.pai.orders.service.OrderServiceImpl:



Collaboration diagram for com.pz1.pai.orders.service.OrderServiceImpl:



Public Member Functions

- `OrderResponseDTO saveOrder (final OrderRequestDTO toSave)`
- `List< BatchResponseDTO > saveOrUpdateBatches (final Long id, final List< BatchRequestDTO > toSave)`
- `OrderResponseDTO updateOrder (final Long id, final OrderRequestDTO toSave)`
- `void changeOrderStatus (boolean status, final Long id)`
- `List< OrderResponseDTO > getAllOrders ()`
- `OrderResponseDTO getOrder (final Long id)`
- `List< OrderResponseDTO > getAllOrders (final Sort sort)`
- `List< OrderResponseDTO > getAllOrdersByState (final boolean status, final Sort sort)`
- `void deleteOrder (final Long id)`

Public Member Functions inherited from `com.pz1.pai.orders.service.OrderService`

6.36.1 Member Function Documentation

6.36.1.1 `changeOrderStatus()`

```
void com.pz1.pai.orders.service.OrderServiceImpl.changeOrderStatus (
    boolean status,
    final Long id)
```

Implements `com.pz1.pai.orders.service.OrderService` (p. 44).

6.36.1.2 `deleteOrder()`

```
void com.pz1.pai.orders.service.OrderServiceImpl.deleteOrder (
    final Long id)
```

Implements `com.pz1.pai.orders.service.OrderService` (p. 44).

6.36.1.3 getAllOrders() [1/2]

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderServiceImpl.getAllOrders ()
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 44).

6.36.1.4 getAllOrders() [2/2]

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderServiceImpl.getAllOrders (
    final Sort sort)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 44).

6.36.1.5 getAllOrdersByState()

```
List< OrderResponseDTO > com.pz1.pai.orders.service.OrderServiceImpl.getAllOrdersByState (
    final boolean status,
    final Sort sort)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 44).

6.36.1.6 getOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderServiceImpl.getOrder (
    final Long id)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 45).

6.36.1.7 saveOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderServiceImpl.saveOrder (
    final OrderRequestDTO toSave)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 45).

6.36.1.8 saveOrUpdateBatches()

```
List< BatchResponseDTO > com.pz1.pai.orders.service.OrderServiceImpl.saveOrUpdateBatches (
    final Long id,
    final List< BatchRequestDTO > toSave)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 45).

6.36.1.9 updateOrder()

```
OrderResponseDTO com.pz1.pai.orders.service.OrderServiceImpl.updateOrder (
    final Long id,
    final OrderRequestDTO toSave)
```

Implements **com.pz1.pai.orders.service.OrderService** (p. 45).

The documentation for this class was generated from the following file:

- orders/service/**OrderServiceImpl.java**

6.37 com.pz1.pai.orders.service.OrderStatus Class Reference

Public Member Functions

- **OrderStatus** (final boolean status, final Long orderId)

Static Public Member Functions

- static **OrderStatus changingOrderStatus** (final boolean status, final Long orderId)

6.37.1 Constructor & Destructor Documentation

6.37.1.1 OrderStatus()

```
com.pz1.pai.orders.service.OrderStatus.OrderStatus (
    final boolean status,
    final Long orderId)
```

6.37.2 Member Function Documentation

6.37.2.1 changingOrderStatus()

```
static OrderStatus com.pz1.pai.orders.service.OrderStatus.changingOrderStatus (
    final boolean status,
    final Long orderId) [static]
```

The documentation for this class was generated from the following file:

- orders/service/**OrderStatus.java**

6.38 com.pz1.pai.PaiApplication Class Reference

Static Public Member Functions

- static void **main** (String[] args)

6.38.1 Member Function Documentation

6.38.1.1 main()

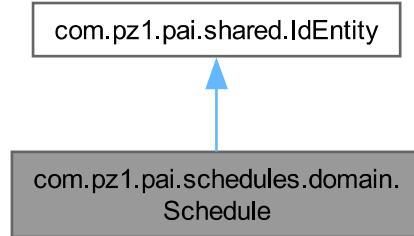
```
static void com.pz1.pai.PaiApplication.main (
    String[] args) [static]
```

The documentation for this class was generated from the following file:

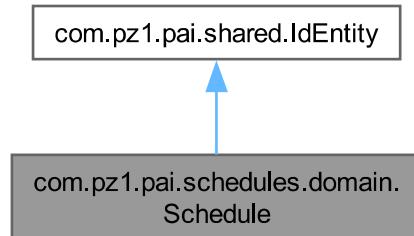
- PaiApplication.java

6.39 com.pz1.pai.schedules.domain.Schedule Class Reference

Inheritance diagram for com.pz1.pai.schedules.domain.Schedule:



Collaboration diagram for com.pz1.pai.schedules.domain.Schedule:



The documentation for this class was generated from the following file:

- schedules/domain/ **Schedule.java**

6.40 com.pz1.pai.batches.service.ScheduleMapper Class Reference

Public Member Functions

- **Schedule toSchedule (final Order order, final BatchRequestDTO batchReqDTO, final Vehicle vehicle)**

6.40.1 Member Function Documentation

6.40.1.1 toSchedule()

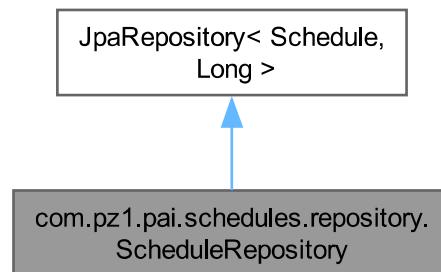
```
Schedule com.pz1.pai.batches.service.ScheduleMapper.toSchedule (
    final Order order,
    final BatchRequestDTO batchReqDTO,
    final Vehicle vehicle)
```

The documentation for this class was generated from the following file:

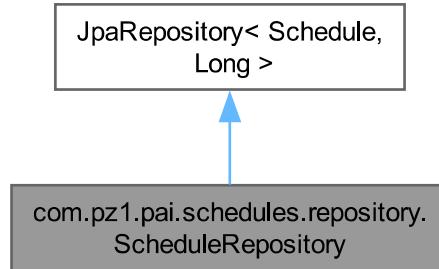
- batches/service/ **ScheduleMapper.java**

6.41 com.pz1.pai.schedules.repository.ScheduleRepository Interface Reference

Inheritance diagram for com.pz1.pai.schedules.repository.ScheduleRepository:



Collaboration diagram for com.pz1.pai.schedules.repository.ScheduleRepository:



Public Member Functions

- `List< Schedule > findAllByVehicleIdAndDate (final Long vehicle_id, final LocalDate date)`
- `boolean existsScheduleByVehicleId (Long id)`

6.41.1 Member Function Documentation

6.41.1.1 existsScheduleByVehicleId()

```
boolean com.pz1.pai.schedules.repository.ScheduleRepository.existsScheduleByVehicleId (Long id)
```

6.41.1.2 findAllByVehicleIdAndDate()

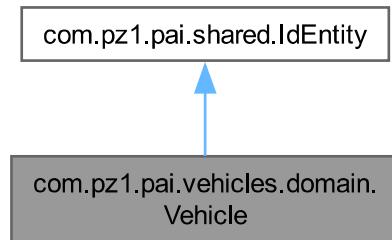
```
List< Schedule > com.pz1.pai.schedules.repository.ScheduleRepository.findAllByVehicleIdAndDate (final Long vehicle_id, final LocalDate date)
```

The documentation for this interface was generated from the following file:

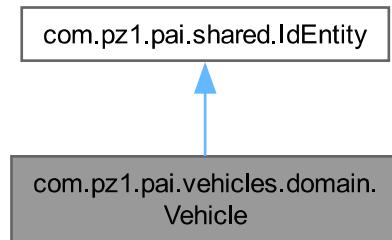
- schedules/repository/ **ScheduleRepository.java**

6.42 com.pz1.pai.vehicles.domain.Vehicle Class Reference

Inheritance diagram for com.pz1.pai.vehicles.domain.Vehicle:



Collaboration diagram for com.pz1.pai.vehicles.domain.Vehicle:



The documentation for this class was generated from the following file:

- vehicles/domain/ **Vehicle.java**

6.43 com.pz1.pai.vehicles.service.VehicleMapper Class Reference

Public Member Functions

- **Vehicle newVehicleValidation (VehicleRequestDTO toValidate)**
- **void existVehicleValidation (final VehicleRequestDTO toUpdate, final Vehicle vehicle)**

6.43.1 Member Function Documentation

6.43.1.1 existVehicleValidation()

```
void com.pz1.pai.vehicles.service.VehicleMapper.existVehicleValidation (
    final VehicleRequestDTO toUpdate,
    final Vehicle vehicle)
```

6.43.1.2 newVehicleValidation()

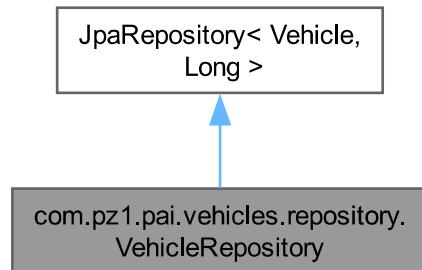
```
Vehicle com.pz1.pai.vehicles.service.VehicleMapper.newVehicleValidation (
    VehicleRequestDTO toValidate)
```

The documentation for this class was generated from the following file:

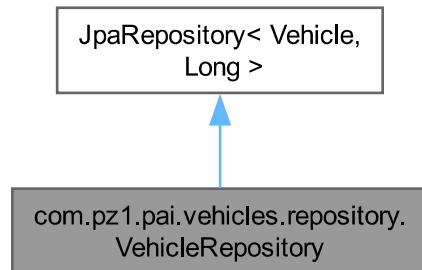
- vehicles/service/ **VehicleMapper.java**

6.44 com.pz1.pai.vehicles.repository.VehicleRepository Interface Reference

Inheritance diagram for com.pz1.pai.vehicles.repository.VehicleRepository:



Collaboration diagram for com.pz1.pai.vehicles.repository.VehicleRepository:



Public Member Functions

- boolean `existsByRegNo` (String regNo)
- boolean `existsByRegNoAndIdIsNot` (String regNo, Long id)

6.44.1 Member Function Documentation

6.44.1.1 `existsByRegNo()`

```
boolean com.pz1.pai.vehicles.repository.VehicleRepository.existsByRegNo (
    String regNo)
```

6.44.1.2 `existsByRegNoAndIdIsNot()`

```
boolean com.pz1.pai.vehicles.repository.VehicleRepository.existsByRegNoAndIdIsNot (
    String regNo,
    Long id)
```

The documentation for this interface was generated from the following file:

- vehicles/repository/ **VehicleRepository.java**

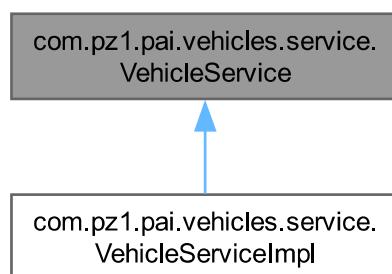
6.45 com.pz1.pai.vehicles.dto.VehicleRequestDTO Class Reference

The documentation for this class was generated from the following file:

- vehicles/dto/ **VehicleRequestDTO.java**

6.46 com.pz1.pai.vehicles.service.VehicleService Interface Reference

Inheritance diagram for com.pz1.pai.vehicles.service.VehicleService:



Public Member Functions

- **Vehicle saveVehicle (final VehicleRequestDTO toSave)**
- **Vehicle updateVehicle (final Long id, final VehicleRequestDTO toUpdate)**
- **Vehicle readVehicle (final Long id)**
- **List< Vehicle > readAllVehicles ()**
- **List< Vehicle > readAllVehicles (final Sort sort)**
- **void deleteVehicle (final Long id)**

6.46.1 Member Function Documentation

6.46.1.1 deleteVehicle()

```
void com.pz1.pai.vehicles.service.VehicleService.deleteVehicle (
    final Long id)
```

Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 57).

6.46.1.2 readAllVehicles() [1/2]

```
List< Vehicle > com.pz1.pai.vehicles.service.VehicleService.readAllVehicles ()
```

Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 57).

6.46.1.3 readAllVehicles() [2/2]

```
List< Vehicle > com.pz1.pai.vehicles.service.VehicleService.readAllVehicles (
    final Sort sort)
```

Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 57).

6.46.1.4 readVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleService.readVehicle (
    final Long id)
```

Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 57).

6.46.1.5 saveVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleService.saveVehicle (
    final VehicleRequestDTO toSave)
```

Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 57).

6.46.1.6 updateVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleService.updateVehicle (
    final Long id,
    final VehicleRequestDTO toUpdate)
```

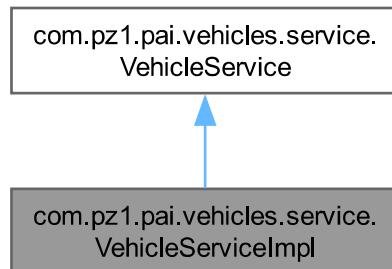
Implemented in **com.pz1.pai.vehicles.service.VehicleServiceImpl** (p. 58).

The documentation for this interface was generated from the following file:

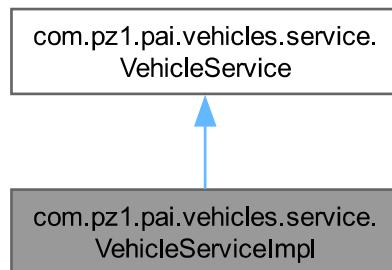
- vehicles/service/ **VehicleService.java**

6.47 com.pz1.pai.vehicles.service.VehicleServiceImpl Class Reference

Inheritance diagram for com.pz1.pai.vehicles.service.VehicleServiceImpl:



Collaboration diagram for com.pz1.pai.vehicles.service.VehicleServiceImpl:



Public Member Functions

- **Vehicle saveVehicle (final VehicleRequestDTO toSave)**
- **Vehicle updateVehicle (final Long id, final VehicleRequestDTO toUpdate)**
- **Vehicle readVehicle (final Long id)**
- **List< Vehicle > readAllVehicles ()**
- **List< Vehicle > readAllVehicles (final Sort sort)**
- **void deleteVehicle (final Long id)**

Public Member Functions inherited from com.pz1.pai.vehicles.service.VehicleService

6.47.1 Member Function Documentation

6.47.1.1 deleteVehicle()

```
void com.pz1.pai.vehicles.service.VehicleServiceImpl.deleteVehicle (
    final Long id)
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 55).

6.47.1.2 readAllVehicles() [1/2]

```
List< Vehicle > com.pz1.pai.vehicles.service.VehicleServiceImpl.readAllVehicles ()
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 55).

6.47.1.3 readAllVehicles() [2/2]

```
List< Vehicle > com.pz1.pai.vehicles.service.VehicleServiceImpl.readAllVehicles (
    final Sort sort)
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 55).

6.47.1.4 readVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleServiceImpl.readVehicle (
    final Long id)
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 55).

6.47.1.5 saveVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleServiceImpl.saveVehicle (
    final VehicleRequestDTO toSave)
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 55).

6.47.1.6 updateVehicle()

```
Vehicle com.pz1.pai.vehicles.service.VehicleServiceImpl.updateVehicle (
    final Long id,
    final VehicleRequestDTO toUpdate)
```

Implements **com.pz1.pai.vehicles.service.VehicleService** (p. 56).

The documentation for this class was generated from the following file:

- vehicles/service/ **VehicleServiceImpl.java**

6.48 com.pz1.pai.vehicles.domain.VehicleType Enum Reference

Public Member Functions

- **VehicleType** (final int value)

Public Attributes

- **MIXER** =(1)
- **MIXER_PUMP** =(2)
- **PUMP** =(3)

6.48.1 Constructor & Destructor Documentation

6.48.1.1 VehicleType()

```
com.pz1.pai.vehicles.domain.VehicleType.VehicleType (
    final int value)
```

6.48.2 Member Data Documentation

6.48.2.1 MIXER

```
com.pz1.pai.vehicles.domain.VehicleType.MIXER =(1)
```

6.48.2.2 MIXER_PUMP

```
com.pz1.pai.vehicles.domain.VehicleType.MIXER_PUMP =(2)
```

6.48.2.3 PUMP

```
com.pz1.pai.vehicles.domain.VehicleType.PUMP =(3)
```

The documentation for this enum was generated from the following file:

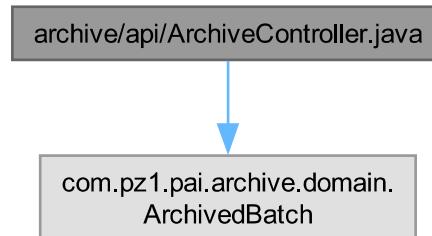
- vehicles/domain/ **VehicleType.java**

Chapter 7

File Documentation

7.1 archive/api/ArchiveController.java File Reference

```
import com.pz1.pai.archive.domain.ArchivedBatch;  
Include dependency graph for ArchiveController.java:
```



Classes

- class **com.pz1.pai.archive.api.ArchiveController**

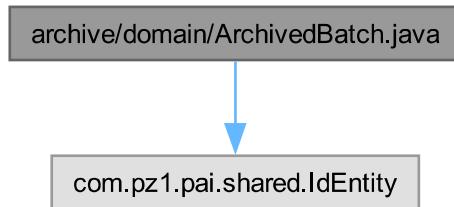
Packages

- package **com.pz1.pai.archive.api**

7.2 archive/domain/ArchivedBatch.java File Reference

```
import com.pz1.pai.shared.IdEntity;
```

Include dependency graph for ArchivedBatch.java:



Classes

- class **com.pz1.pai.archive.domain.ArchivedBatch**

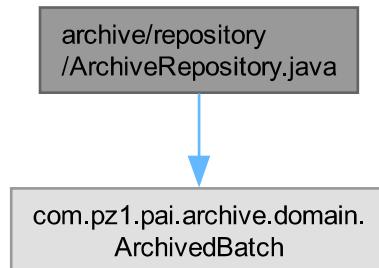
Packages

- package **com.pz1.pai.archive.domain**

7.3 archive/repository/ArchiveRepository.java File Reference

```
import com.pz1.pai.archive.domain.ArchivedBatch;
```

Include dependency graph for ArchiveRepository.java:



Classes

- interface **com.pz1.pai.archive.repository.ArchiveRepository**

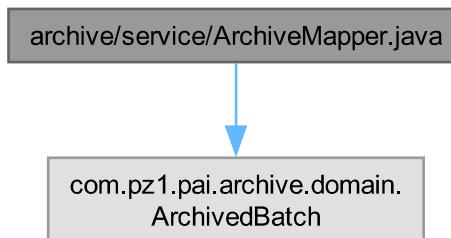
Packages

- package `com.pz1.pai.archive.repository`

7.4 archive/service/ArchiveMapper.java File Reference

```
import com.pz1.pai.archive.domain.ArchivedBatch;
```

Include dependency graph for ArchiveMapper.java:



Classes

- class `com.pz1.pai.archive.service.ArchiveMapper`

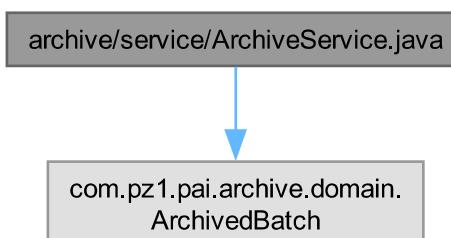
Packages

- package `com.pz1.pai.archive.service`

7.5 archive/service/ArchiveService.java File Reference

```
import com.pz1.pai.archive.domain.ArchivedBatch;
```

Include dependency graph for ArchiveService.java:



Classes

- class **com.pz1.pai.archive.service.ArchiveService**

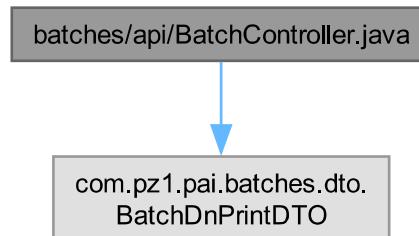
Packages

- package **com.pz1.pai.archive.service**

7.6 batches/api/BatchController.java File Reference

```
import com.pz1.pai.batches.dto.BatchDnPrintDTO;
```

Include dependency graph for BatchController.java:



Classes

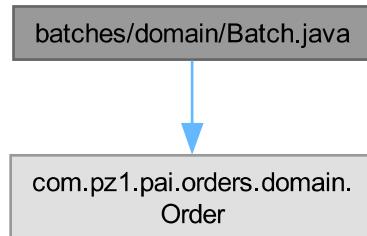
- class **com.pz1.pai.batches.api.BatchController**

Packages

- package **com.pz1.pai.batches.api**

7.7 batches/domain/Batch.java File Reference

```
import com.pz1.pai.orders.domain.Order;  
Include dependency graph for Batch.java:
```



Classes

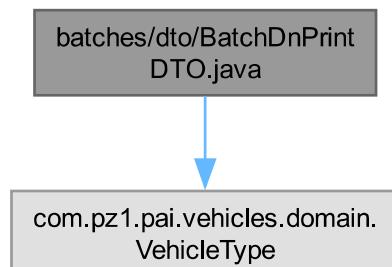
- class **com.pz1.pai.batches.domain.Batch**

Packages

- package **com.pz1.pai.batches.domain**

7.8 batches/dto/BatchDnPrintDTO.java File Reference

```
import com.pz1.pai.vehicles.domain.VehicleType;  
Include dependency graph for BatchDnPrintDTO.java:
```



Classes

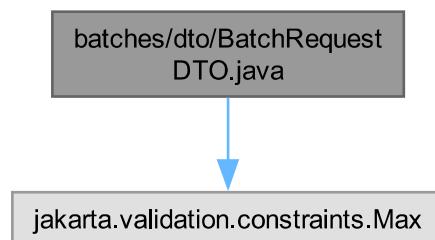
- class **com.pz1.pai.batches.dto.BatchDnPrintDTO**

Packages

- package **com.pz1.pai.batches.dto**

7.9 batches/dto/BatchRequestDTO.java File Reference

```
import jakarta.validation.constraints.Max;  
Include dependency graph for BatchRequestDTO.java:
```



Classes

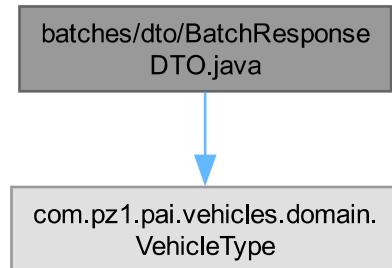
- class **com.pz1.pai.batches.dto.BatchRequestDTO**

Packages

- package **com.pz1.pai.batches.dto**

7.10 batches/dto/BatchResponseDTO.java File Reference

```
import com.pz1.pai.vehicles.domain.VehicleType;  
Include dependency graph for BatchResponseDTO.java:
```



Classes

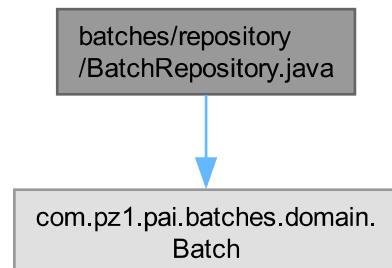
- class **com.pz1.pai.batches.dto.BatchResponseDTO**

Packages

- package **com.pz1.pai.batches.dto**

7.11 batches/repository/BatchRepository.java File Reference

```
import com.pz1.pai.batches.domain.Batch;  
Include dependency graph for BatchRepository.java:
```



Classes

- interface **com.pz1.pai.batches.repository.BatchRepository**

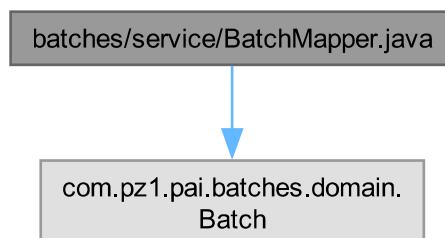
Packages

- package **com.pz1.pai.batches.repository**

7.12 batches/service/BatchMapper.java File Reference

```
import com.pz1.pai.batches.domain.Batch;
```

Include dependency graph for BatchMapper.java:



Classes

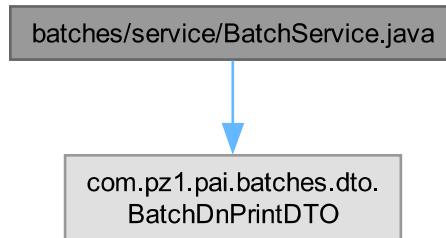
- class **com.pz1.pai.batches.service.BatchMapper**

Packages

- package **com.pz1.pai.batches.service**

7.13 batches/service/BatchService.java File Reference

```
import com.pz1.pai.batches.dto.BatchDnPrintDTO;  
Include dependency graph for BatchService.java:
```



Classes

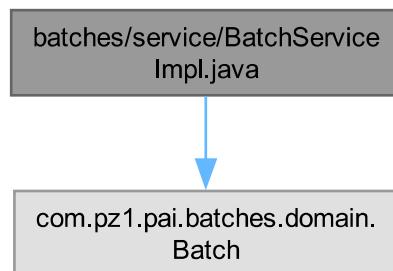
- interface **com.pz1.pai.batches.service.BatchService**

Packages

- package **com.pz1.pai.batches.service**

7.14 batches/service/BatchServiceImpl.java File Reference

```
import com.pz1.pai.batches.domain.Batch;  
Include dependency graph for BatchServiceImpl.java:
```



Classes

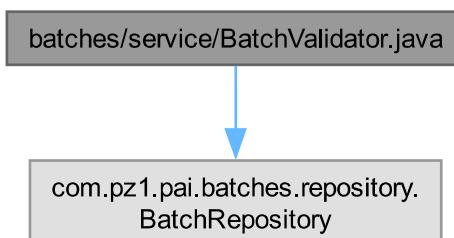
- class **com.pz1.pai.batches.service.BatchServiceImpl**

Packages

- package **com.pz1.pai.batches.service**

7.15 batches/service/BatchValidator.java File Reference

```
import com.pz1.pai.batches.repository.BatchRepository;  
Include dependency graph for BatchValidator.java:
```

**Classes**

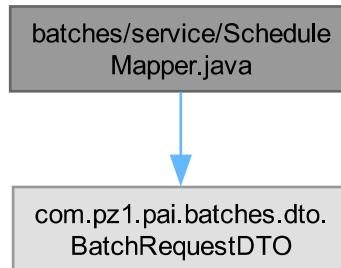
- class **com.pz1.pai.batches.service.BatchValidator**

Packages

- package **com.pz1.pai.batches.service**

7.16 batches/service/ScheduleMapper.java File Reference

```
import com.pz1.pai.batches.dto.BatchRequestDTO;  
Include dependency graph for ScheduleMapper.java:
```



Classes

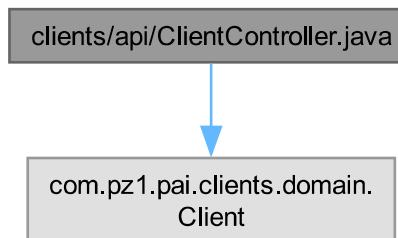
- class **com.pz1.pai.batches.service.ScheduleMapper**

Packages

- package **com.pz1.pai.batches.service**

7.17 clients/api/ClientController.java File Reference

```
import com.pz1.pai.clients.domain.Client;  
Include dependency graph for ClientController.java:
```



Classes

- class `com.pz1.pai.clients.api.ClientController`

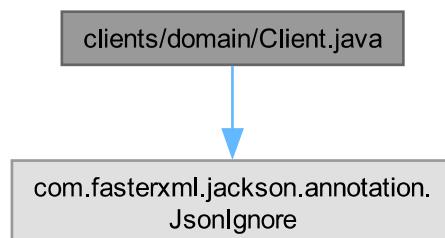
Packages

- package `com.pz1.pai.clients.api`

7.18 clients/domain/Client.java File Reference

```
import com.fasterxml.jackson.annotation.JsonIgnore;
```

Include dependency graph for Client.java:



Classes

- class `com.pz1.pai.clients.domain.Client`

Packages

- package `com.pz1.pai.clients.domain`

7.19 clients/domain/ClientType.java File Reference

Classes

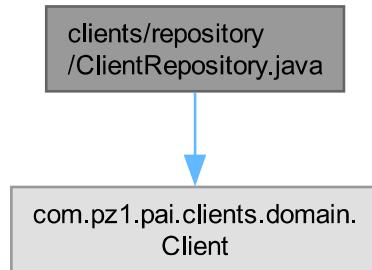
- enum `com.pz1.pai.clients.domain.ClientType`

Packages

- package `com.pz1.pai.clients.domain`

7.20 clients/repository/ClientRepository.java File Reference

```
import com.pz1.pai.clients.domain.Client;  
Include dependency graph for ClientRepository.java:
```



Classes

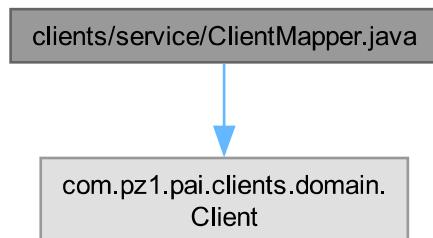
- interface **com.pz1.pai.clients.repository.ClientRepository**

Packages

- package **com.pz1.pai.clients.repository**

7.21 clients/service/ClientMapper.java File Reference

```
import com.pz1.pai.clients.domain.Client;  
Include dependency graph for ClientMapper.java:
```



Classes

- class **com.pz1.pai.clients.service.ClientMapper**

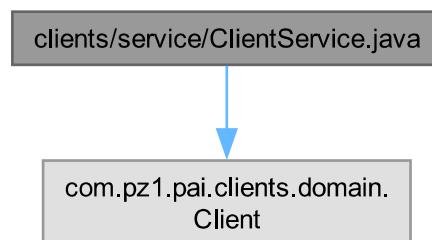
Packages

- package **com.pz1.pai.clients.service**

7.22 clients/service/ClientService.java File Reference

```
import com.pz1.pai.clients.domain.Client;
```

Include dependency graph for ClientService.java:



Classes

- interface **com.pz1.pai.clients.service.ClientService**

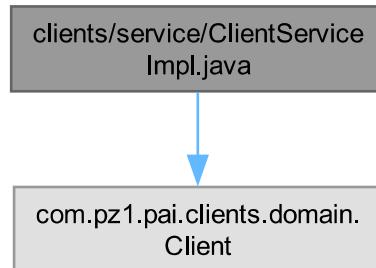
Packages

- package **com.pz1.pai.clients.service**

7.23 clients/service/ClientServiceImpl.java File Reference

```
import com.pz1.pai.clients.domain.Client;
```

Include dependency graph for ClientServiceImpl.java:



Classes

- class **com.pz1.pai.clients.service.ClientServiceImpl**

Packages

- package **com.pz1.pai.clients.service**

7.24 exceptions/DataNotFoundException.java File Reference

Classes

- class **com.pz1.pai.exceptions.DataNotFoundException**

Packages

- package **com.pz1.pai.exceptions**

7.25 exceptions/dto/ErrorCode.java File Reference

Classes

- enum **com.pz1.pai.exceptions.dto.ErrorCode**

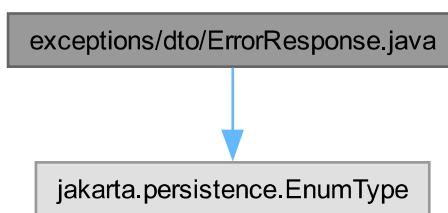
Packages

- package **com.pz1.pai.exceptions.dto**

7.26 exceptions/dto/ErrorResponse.java File Reference

```
import jakarta.persistence.EnumType;
```

Include dependency graph for ErrorResponse.java:



Classes

- class **com.pz1.pai.exceptions.dto.ErrorResponse**

Packages

- package **com.pz1.pai.exceptions.dto**

7.27 exceptions/DuplicatedDataException.java File Reference

Classes

- class **com.pz1.pai.exceptions.DuplicatedDataException**

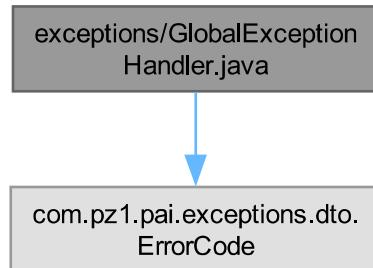
Packages

- package **com.pz1.pai.exceptions**

7.28 exceptions/GlobalExceptionHandler.java File Reference

```
import com.pz1.pai.exceptions.dto.ErrorCode;
```

Include dependency graph for GlobalExceptionHandler.java:



Classes

- class **com.pz1.pai.exceptions.GlobalExceptionHandler**

Packages

- package **com.pz1.pai.exceptions**

7.29 exceptions/IllegalActionException.java File Reference

Classes

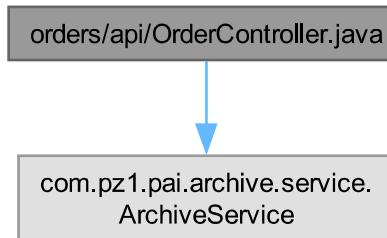
- class **com.pz1.pai.exceptions.IllegalActionException**

Packages

- package **com.pz1.pai.exceptions**

7.30 orders/api/OrderController.java File Reference

```
import com.pz1.pai.archive.service.ArchiveService;  
Include dependency graph for OrderController.java:
```



Classes

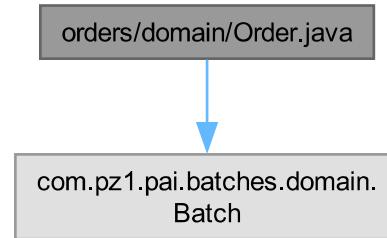
- class **com.pz1.pai.orders.api.OrderController**

Packages

- package **com.pz1.pai.orders.api**

7.31 orders/domain/Order.java File Reference

```
import com.pz1.pai.batches.domain.Batch;  
Include dependency graph for Order.java:
```



Classes

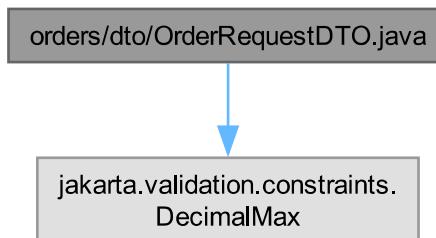
- class **com.pz1.pai.orders.domain.Order**

Packages

- package `com.pz1.pai.orders.domain`

7.32 orders/dto/OrderRequestDTO.java File Reference

```
import jakarta.validation.constraints.DecimalMax;  
Include dependency graph for OrderRequestDTO.java:
```



Classes

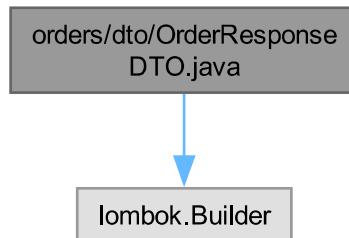
- class `com.pz1.pai.orders.dto.OrderRequestDTO`

Packages

- package `com.pz1.pai.orders.dto`

7.33 orders/dto/OrderResponseDTO.java File Reference

```
import lombok.Builder;  
Include dependency graph for OrderResponseDTO.java:
```



Classes

- class **com.pz1.pai.orders.dto.OrderResponseDTO**

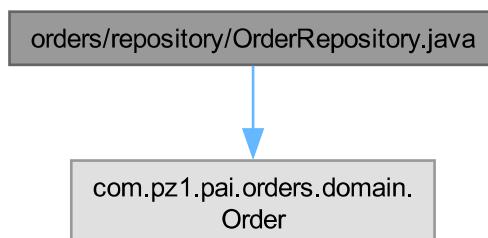
Packages

- package **com.pz1.pai.orders.dto**

7.34 orders/repository/OrderRepository.java File Reference

import com.pz1.pai.orders.domain.Order;

Include dependency graph for OrderRepository.java:



Classes

- interface **com.pz1.pai.orders.repository.OrderRepository**

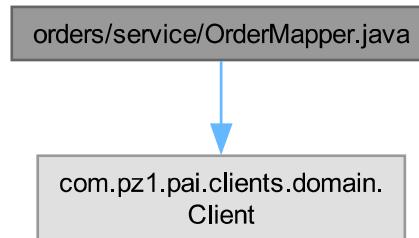
Packages

- package **com.pz1.pai.orders.repository**

7.35 orders/service/OrderMapper.java File Reference

```
import com.pz1.pai.clients.domain.Client;
```

Include dependency graph for OrderMapper.java:



Classes

- class `com.pz1.pai.orders.service.OrderMapper`

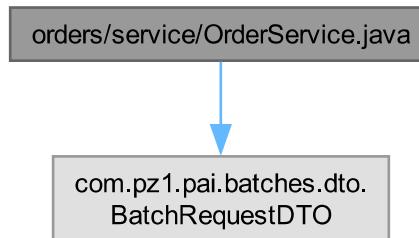
Packages

- package `com.pz1.pai.orders.service`

7.36 orders/service/OrderService.java File Reference

```
import com.pz1.pai.batches.dto.BatchRequestDTO;
```

Include dependency graph for OrderService.java:



Classes

- interface `com.pz1.pai.orders.service.OrderService`

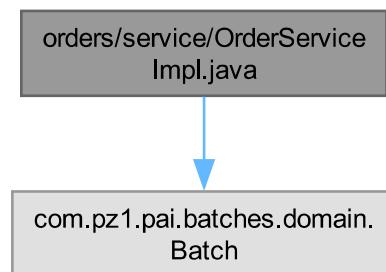
Packages

- package **com.pz1.pai.orders.service**

7.37 orders/service/OrderServiceImpl.java File Reference

```
import com.pz1.pai.batches.domain.Batch;
```

Include dependency graph for OrderServiceImpl.java:



Classes

- class **com.pz1.pai.orders.service.OrderServiceImpl**

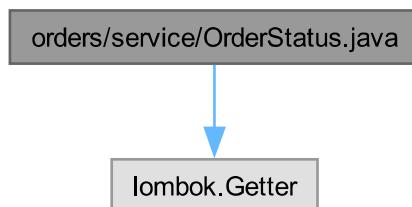
Packages

- package **com.pz1.pai.orders.service**

7.38 orders/service/OrderStatus.java File Reference

```
import lombok.Getter;
```

Include dependency graph for OrderStatus.java:



Classes

- class **com.pz1.pai.orders.service.OrderStatus**

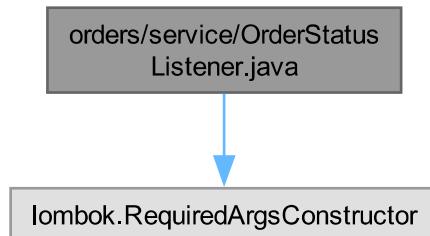
Packages

- package **com.pz1.pai.orders.service**

7.39 orders/service/OrderStatusListener.java File Reference

import lombok.RequiredArgsConstructor;

Include dependency graph for OrderStatusListener.java:



Classes

- class **com.pz1.pai.orders.service.OrderStatusListener**

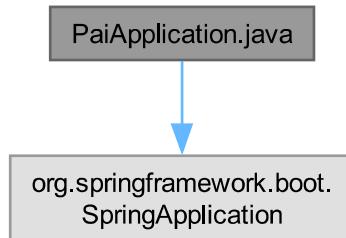
Packages

- package **com.pz1.pai.orders.service**

7.40 PaiApplication.java File Reference

```
import org.springframework.boot.SpringApplication;
```

Include dependency graph for PaiApplication.java:



Classes

- class **com.pz1.pai.PaiApplication**

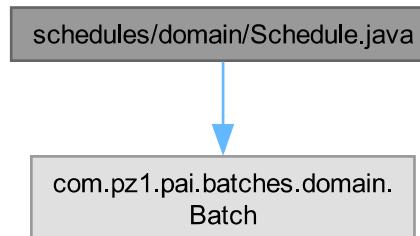
Packages

- package **com.pz1.pai**

7.41 schedules/domain/Schedule.java File Reference

```
import com.pz1.pai.batches.domain.Batch;
```

Include dependency graph for Schedule.java:



Classes

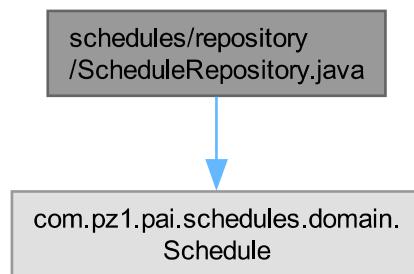
- class **com.pz1.pai.schedules.domain.Schedule**

Packages

- package **com.pz1.pai.schedules.domain**

7.42 schedules/repository/ScheduleRepository.java File Reference

```
import com.pz1.pai.schedules.domain.Schedule;  
Include dependency graph for ScheduleRepository.java:
```



Classes

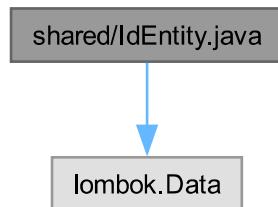
- interface **com.pz1.pai.schedules.repository.ScheduleRepository**

Packages

- package **com.pz1.pai.schedules.repository**

7.43 shared/IdEntity.java File Reference

```
import lombok.Data;  
Include dependency graph for IdEntity.java:
```



Classes

- class **com.pz1.pai.shared.IdEntity**

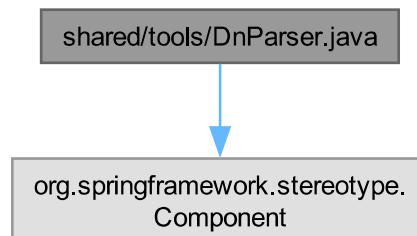
Packages

- package **com.pz1.pai.shared**

7.44 shared/tools/DnParser.java File Reference

```
import org.springframework.stereotype.Component;
```

Include dependency graph for DnParser.java:



Packages

- package **com.pz1.pai.shared.tools**

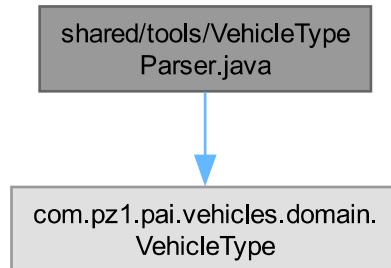
Functions

- record **com.pz1.pai.shared.tools.DnParser ()**

7.45 shared/tools/VehicleTypeParser.java File Reference

```
import com.pz1.pai.vehicles.domain.VehicleType;
```

Include dependency graph for VehicleTypeParser.java:



Packages

- package **com.pz1.pai.shared.tools**

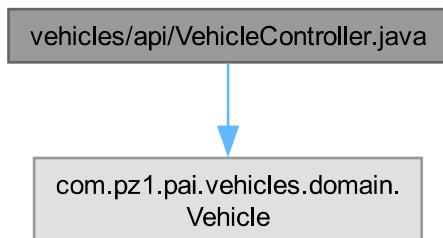
Functions

- record **com.pz1.pai.shared.tools.VehicleTypeParser ()**

7.46 vehicles/api/VehicleController.java File Reference

```
import com.pz1.pai.vehicles.domain.Vehicle;
```

Include dependency graph for VehicleController.java:



Classes

- class `com.pz1.pai.vehicles.api.VehicleController`

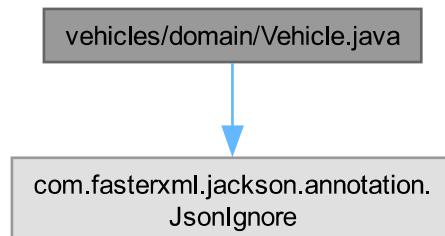
Packages

- package `com.pz1.pai.vehicles.api`

7.47 vehicles/domain/Vehicle.java File Reference

```
import com.fasterxml.jackson.annotation.JsonIgnore;
```

Include dependency graph for Vehicle.java:

**Classes**

- class `com.pz1.pai.vehicles.domain.Vehicle`

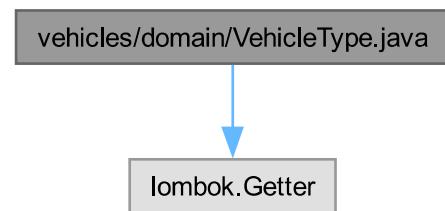
Packages

- package `com.pz1.pai.vehicles.domain`

7.48 vehicles/domain/VehicleType.java File Reference

```
import lombok.Getter;
```

Include dependency graph for VehicleType.java:



Classes

- enum `com.pz1.pai.vehicles.domain.VehicleType`

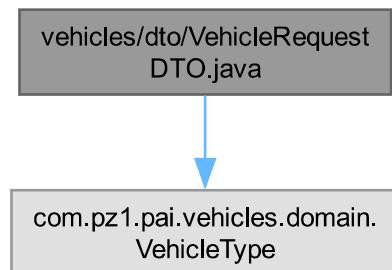
Packages

- package `com.pz1.pai.vehicles.domain`

7.49 vehicles/dto/VehicleRequestDTO.java File Reference

```
import com.pz1.pai.vehicles.domain.VehicleType;
```

Include dependency graph for VehicleRequestDTO.java:



Classes

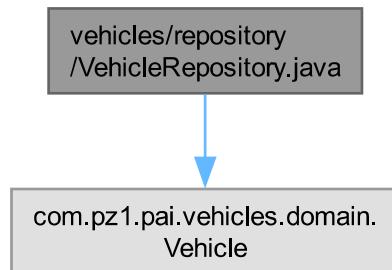
- class `com.pz1.pai.vehicles.dto.VehicleRequestDTO`

Packages

- package `com.pz1.pai.vehicles.dto`

7.50 vehicles/repository/VehicleRepository.java File Reference

```
import com.pz1.pai.vehicles.domain.Vehicle;  
Include dependency graph for VehicleRepository.java:
```



Classes

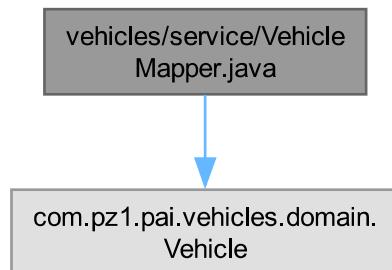
- interface `com.pz1.pai.vehicles.repository.VehicleRepository`

Packages

- package `com.pz1.pai.vehicles.repository`

7.51 vehicles/service/VehicleMapper.java File Reference

```
import com.pz1.pai.vehicles.domain.Vehicle;  
Include dependency graph for VehicleMapper.java:
```



Classes

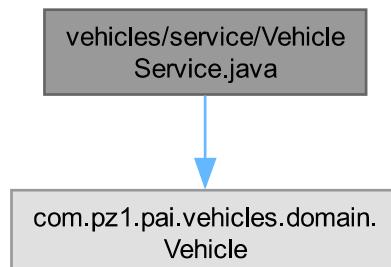
- class **com.pz1.pai.vehicles.service.VehicleMapper**

Packages

- package **com.pz1.pai.vehicles.service**

7.52 vehicles/service/VehicleService.java File Reference

```
import com.pz1.pai.vehicles.domain.Vehicle;  
Include dependency graph for VehicleService.java:
```

**Classes**

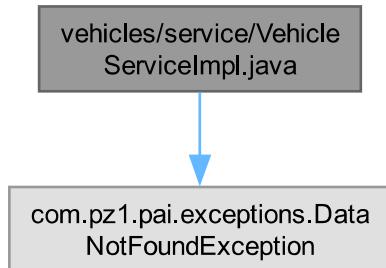
- interface **com.pz1.pai.vehicles.service.VehicleService**

Packages

- package **com.pz1.pai.vehicles.service**

7.53 vehicles/service/VehicleServiceImpl.java File Reference

```
import com.pz1.pai.exceptions.DataNotFoundException;  
Include dependency graph for VehicleServiceImpl.java:
```



Classes

- class **com.pz1.pai.vehicles.service.VehicleServiceImpl**

Packages

- package **com.pz1.pai.vehicles.service**

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