## Exceptions and Transactions



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## Handling Exceptions



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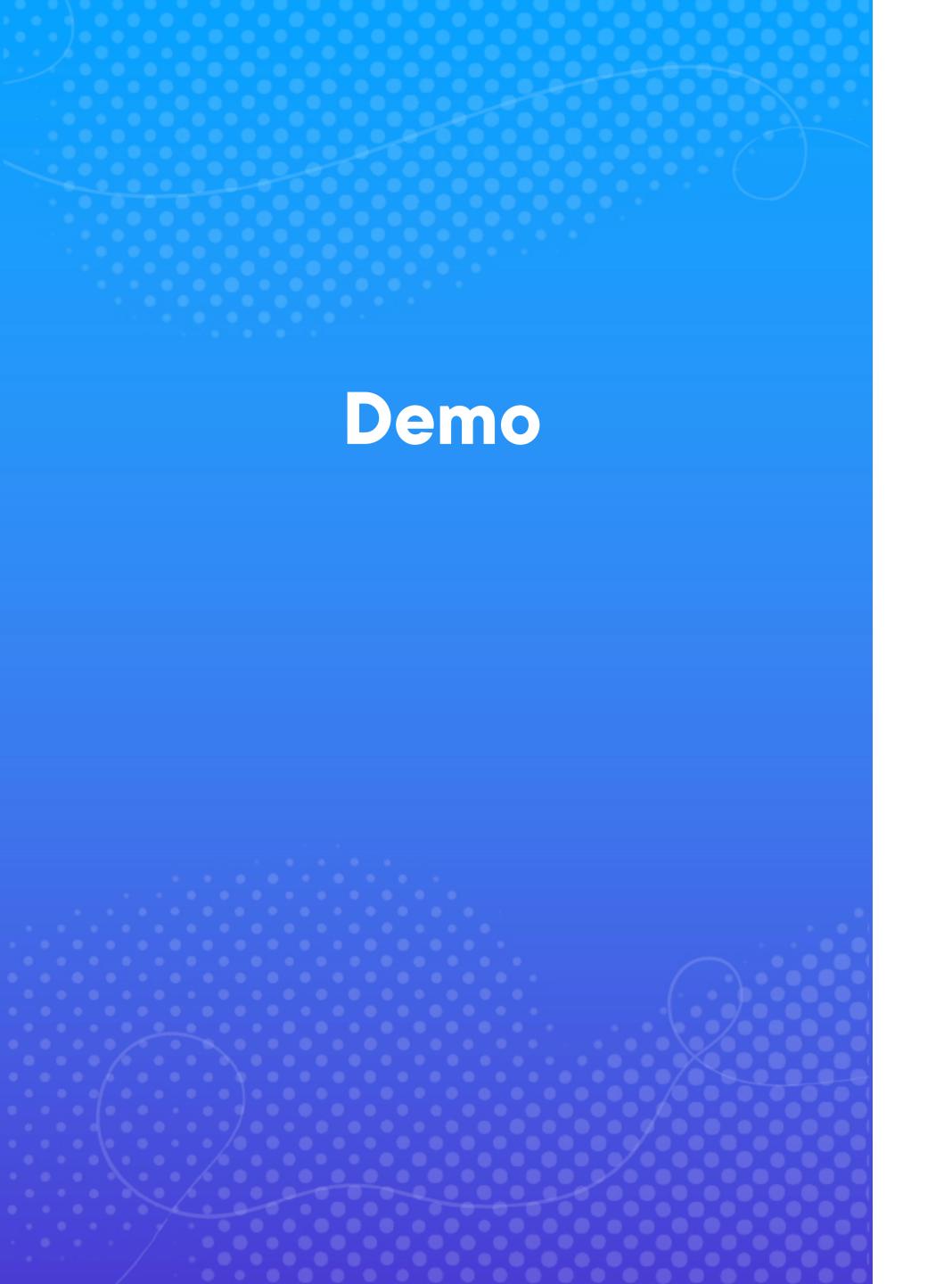
**Exceptions** 

RuntimeException

ExceptionHandler

## ExceptionHandler

```
@ExceptionHandler(RuntimeException.class)
public ResponseEntity<ServiceError> handle(RuntimeException ex){
   System.out.println("Controller @ExceptionHandler");
   ServiceError error =
     new ServiceError(HttpStatus.OK.value(), ex.getMessage());
   return new ResponseEntity<ServiceError>(error, HttpStatus.OK);
}
```



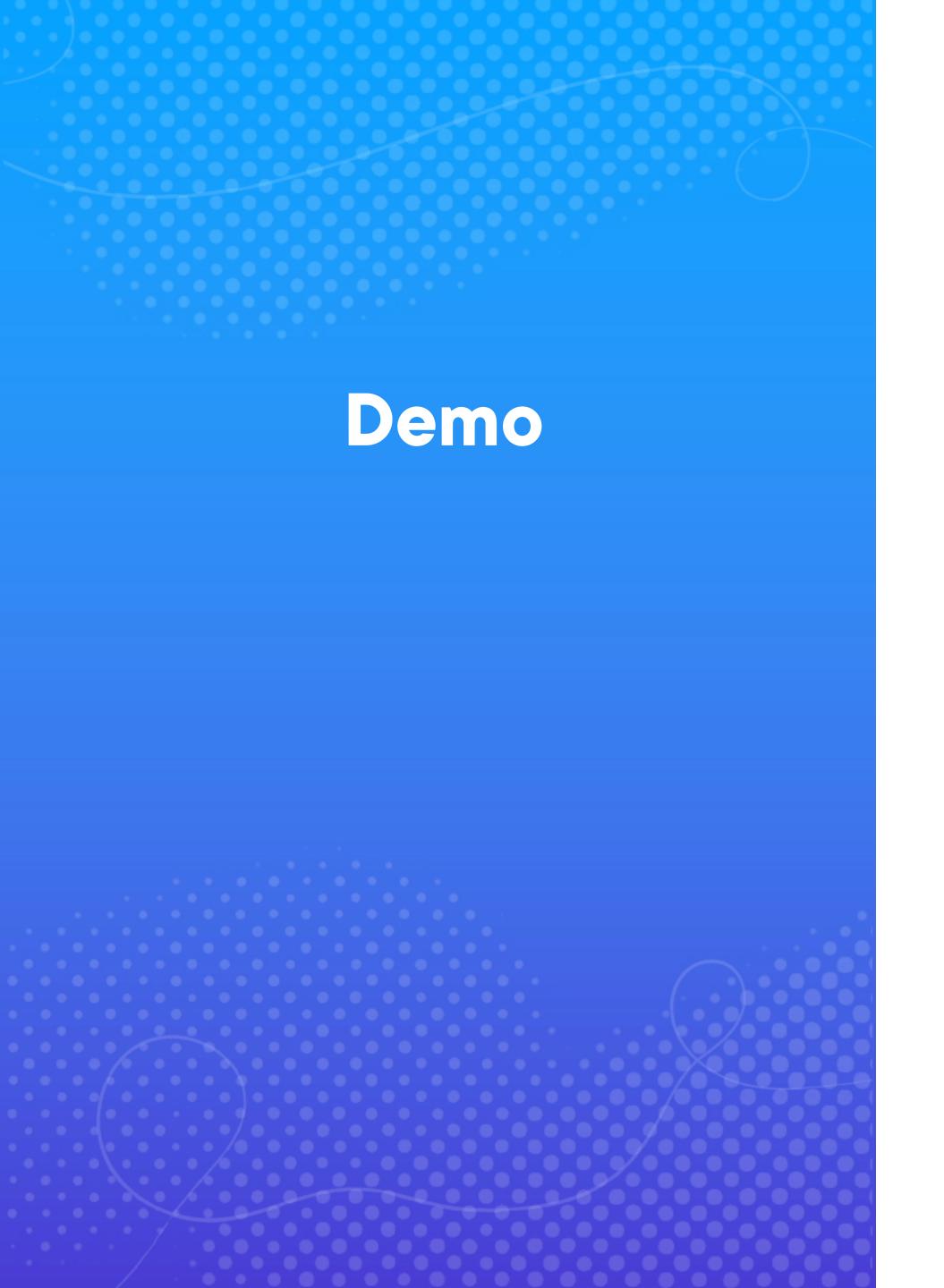
ExceptionHandler

ServiceError

**Throw Error** 

## Transactions

```
@Bean
public DataSourceTransactionManager txManager() {
    return new DataSourceTransactionManager(dataSource);
}
```

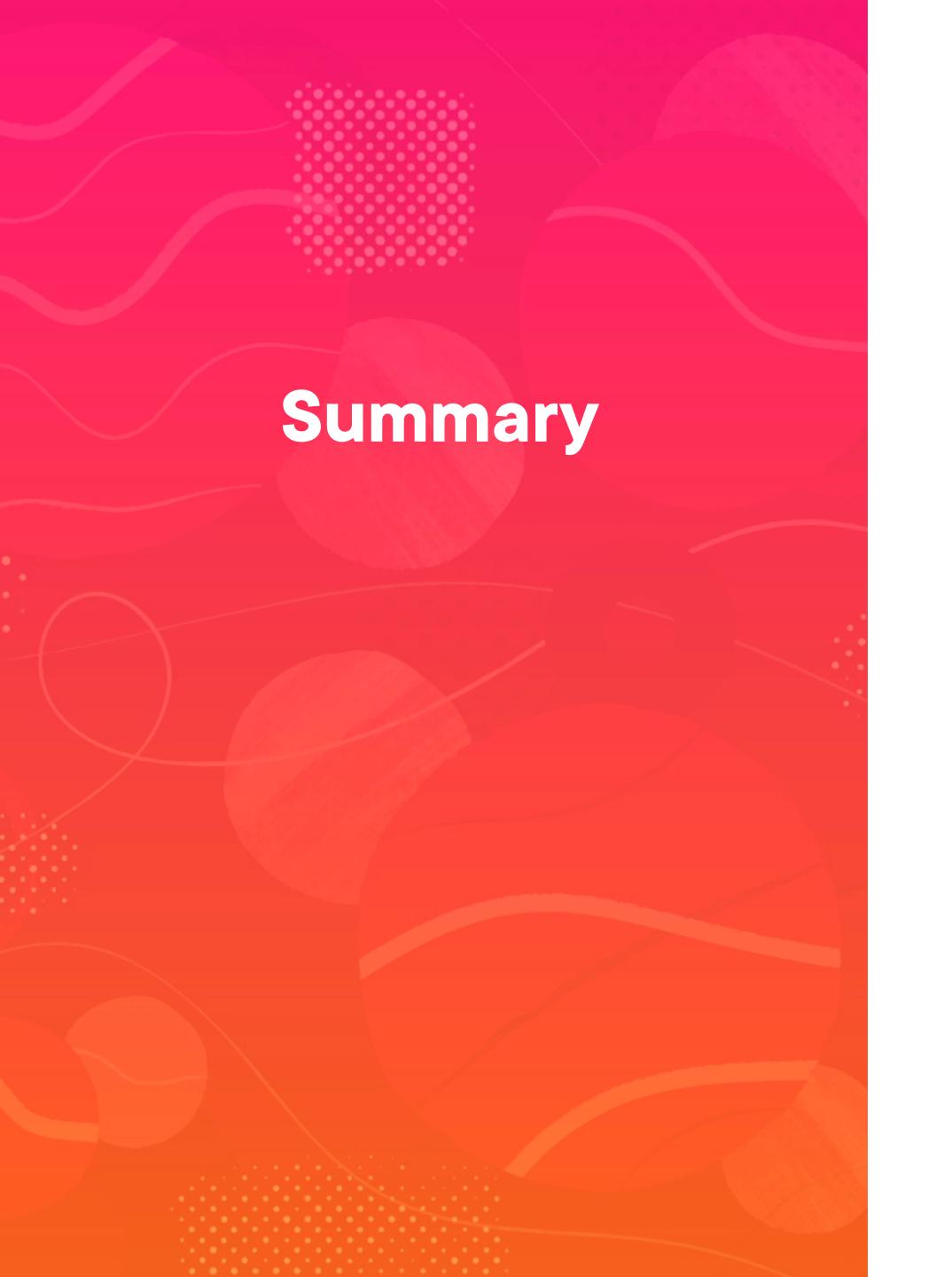


**Transaction Manager** 

Sample Call

@Transactional

Rollback



Exception

**Exception Handler** 

**Transactions**