Bookit

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Contents

1 README **1**

2 Namespace Index **3**

2.1 Packages 3

3 Hierarchical Index **5**

3.1 Class Hierarchy 5

4 Class Index **9**

4.1 Class List 9

5 File Index **11**

5.1 File List 11

6 Namespace Documentation **15**

6.1 Package com 15

6.2 Package com.deusto 15

6.3 Package com.deusto.builders 15

6.4 Package com.deusto.builders.mail 16

6.5 Package com.deusto.controllers 16

6.6 Package com.deusto.dtos 16

6.7 Package com.deusto.forms 16

6.8 Package com.deusto.forms.email 17

6.9 Package com.deusto.integration 17

6.10 Package com.deusto.integration.test 17

6.11 Package com.deusto.integration.test.common 17

6.12 Package com.deusto.models . . . 17
6.13 Package com.deusto.repositories . . . 18
6.14 Package com.deusto.security . . . 18
6.15 Package com.deusto.services . . . 18
6.16 Package com.deusto.services.mail . . . 18
6.17 Package com.deusto.services.template . . . 18
6.18 Package com.deusto.unit . . . 19
6.19 Package com.deusto.unit.test . . . 19
6.20 Package com.deusto.unit.test.builders . . . 19
6.21 Package com.deusto.unit.test.common . . . 19
6.22 Package com.deusto.unit.test.dtos . . . 19
6.23 Package com.deusto.unit.test.forms . . . 20
6.24 Package com.deusto.unit.test.repositories . . . 20
6.25 Package com.deusto.unit.test.services . . . 20
6.26 Package org . . . 20
6.27 Package org.ClientP . . . 20
6.28 Package org.dtos . . . 21
6.29 Package org.GUI . . . 21
6.30 Package org.models . . . 21
6.31 Package org.security . . . 21
6.32 Package org.test . . . 21
6.33 Package org.test.common . . . 22

7 Class Documentation **23**

7.1 org.test.common.AbstractIt Class Reference . . . 23

7.1.1 Member Data Documentation . . . 23

7.1.1.1 env . . . 23

7.1.1.2 mvc . . . 23

7.1.1.3 remoteMongoDbRule . . . 24

7.2 com.deusto.integration.test.common.AbstractIT Class Reference . . . 24

7.2.1 Member Data Documentation . . . 24

7.2.1.1 env . . . 24

7.2.1.2 mvc . . . 24

7.2.1.3 remoteMongoDbRule . . . 25

7.3 com.deusto.unit.test.common.AbstractUT Class Reference . . . 25

7.3.1 Member Function Documentation . . . 26

7.3.1.1 setup() . . . 26

7.3.1.2 validate() . . . 26

7.3.2 Member Data Documentation . . . 26

7.3.2.1 authenticationService . . . 27

7.3.2.2 bookRepository . . . 27

7.3.2.3 bookService . . . 27

7.3.2.4 env . . . 27

7.3.2.5 registrRepository . . . 27

7.3.2.6 registrService . . . 27

7.3.2.7 remoteMongoDbRule . . . 27

7.3.2.8 userRepository . . . 28

7.3.2.9 userService . . . 28

7.3.2.10 validator . . . 28

7.4 com.deusto.models.Address Class Reference . . . 28

7.4.1 Detailed Description . . . 28

7.4.2 Member Function Documentation . . . 28

7.4.2.1 getApartamentNumber() . . . 29

7.4.2.2 getCity() . . . 29
7.4.2.3 getCountry() . . . 29
7.4.2.4 getHouseNumber() . . . 29
7.4.2.5 getId() . . . 30
7.4.2.6 getPostalCode() . . . 30
7.4.2.7 getStreet() . . . 30
7.4.2.8 setApartamentNumber() . . . 30
7.4.2.9 setCity() . . . 31
7.4.2.10 setCountry() . . . 31
7.4.2.11 setHouseNumber() . . . 31
7.4.2.12 setId() . . . 31
7.4.2.13 setPostalCode() . . . 32
7.4.2.14 setStreet() . . . 32
7.5 org.models.Address Class Reference . . . 32
7.5.1 Constructor & Destructor Documentation . . . 33
7.5.1.1 Address() [1/2] . . . 33
7.5.1.2 Address() [2/2] . . . 33
7.5.2 Member Function Documentation . . . 33
7.5.2.1 getApartamentNumber() . . . 33
7.5.2.2 getCity() . . . 33
7.5.2.3 getCountry() . . . 34
7.5.2.4 getHouseNumber() . . . 34
7.5.2.5 getId() . . . 34
7.5.2.6 getPostalCode() . . . 34
7.5.2.7 getStreet() . . . 34
7.5.2.8 setApartamentNumber() . . . 34
7.5.2.9 setCity() . . . 34
7.5.2.10 setCountry() . . . 35
7.5.2.11 setHouseNumber() . . . 35
7.5.2.12 setId() . . . 35

7.5.2.13 setPostalCode() . . . 35
7.5.2.14 setStreet() . . . 35
7.6 com.deusto.builders.AddressBuilder Class Reference . . . 35
7.6.1 Detailed Description . . . 36
7.6.2 Member Function Documentation . . . 36
7.6.2.1 apartamentNumber() . . . 36
7.6.2.2 build() . . . 36
7.6.2.3 builder() . . . 36
7.6.2.4 city() . . . 37
7.6.2.5 country() . . . 37
7.6.2.6 get() . . . 37
7.6.2.7 houseNumber() . . . 38
7.6.2.8 postalCode() . . . 38
7.6.2.9 street() . . . 38
7.7 com.deusto.unit.test.builders.AddressBuilderUTest Class Reference . . . 39
7.7.1 Member Function Documentation . . . 39
7.7.1.1 validAdderessBuilder() . . . 39
7.7.1.2 validAdderessBuilderMethodStyle() . . . 39
7.8 com.deusto.dtos.AddressDTO Class Reference . . . 40
7.8.1 Detailed Description . . . 40
7.8.2 Member Function Documentation . . . 40
7.8.2.1 getApartamentNumber() . . . 40
7.8.2.2 getCity() . . . 40
7.8.2.3 getCountry() . . . 41
7.8.2.4 getHouseNumber() . . . 41
7.8.2.5 getPostalCode() . . . 41
7.8.2.6 getStreet() . . . 41
7.8.2.7 setApartamentNumber() . . . 41
7.8.2.8 setCity() . . . 42
7.8.2.9 setCountry() . . . 42

7.8.2.10 setHouseNumber() . . . 42
7.8.2.11 setPostalCode() . . . 43
7.8.2.12 setStreet() . . . 43
7.9 org.dtos.AddressDTO Class Reference . . . 43
7.9.1 Member Function Documentation . . . 43
7.9.1.1 getApartamentNumber() . . . 44
7.9.1.2 getCity() . . . 44
7.9.1.3 getCountry() . . . 44
7.9.1.4 getHouseNumber() . . . 44
7.9.1.5 getPostalCode() . . . 44
7.9.1.6 getStreet() . . . 44
7.9.1.7 setApartamentNumber() . . . 44
7.9.1.8 setCity() . . . 45
7.9.1.9 setCountry() . . . 45
7.9.1.10 setHouseNumber() . . . 45
7.9.1.11 setPostalCode() . . . 45
7.9.1.12 setStreet() . . . 45
7.10 com.deusto.unit.test.dtos.AddressDTOUTest Class Reference . . . 45
7.10.1 Member Function Documentation . . . 46
7.10.1.1 validBookDTO() . . . 46
7.11 com.deusto.repositories.AddressRepository Interface Reference . . . 46
7.11.1 Detailed Description . . . 46
7.12 org.ClientP.Application Class Reference . . . 46
7.12.1 Member Function Documentation . . . 47
7.12.1.1 getBooks() . . . 47
7.12.1.2 getBooksFilter() . . . 47
7.12.1.3 getToken() . . . 47
7.12.1.4 login() . . . 47
7.12.1.5 main() . . . 47
7.12.1.6 registr1() . . . 48

7.12.1.7 registr2() . . . 48
7.12.1.8 reserve() . . . 48
7.12.1.9 startConnectionGet() . . . 48
7.13 org.test.AppTest Class Reference . . . 48
7.13.1 Member Function Documentation . . . 48
7.13.1.1 findAll() . . . 48
7.13.1.2 getAllBooksFilter() . . . 49
7.14 com.deusto.security.AuthenticationService Class Reference . . . 49
7.14.1 Member Function Documentation . . . 49
7.14.1.1 authentication() . . . 49
7.14.1.2 getUserFromRequest() . . . 49
7.15 com.deusto.unit.test.services.AuthenticationServiceUTest Class Reference . . . 49
7.15.1 Member Function Documentation . . . 50
7.15.1.1 authenticate() . . . 50
7.16 org.security.AuthenticationTokenFilter Class Reference . . . 50
7.16.1 Member Function Documentation . . . 50
7.16.1.1 doFilter() . . . 50
7.17 com.deusto.security.AuthenticationTokenFilter Class Reference . . . 51
7.17.1 Member Function Documentation . . . 51
7.17.1.1 doFilter() . . . 51
7.18 com.deusto.models.Book Class Reference . . . 51
7.18.1 Detailed Description . . . 52
7.18.2 Member Function Documentation . . . 52
7.18.2.1 decrementCount() . . . 52
7.18.2.2 getAgeLimit() . . . 52
7.18.2.3 getAuthorFirstName() . . . 52
7.18.2.4 getAuthorLastName() . . . 53
7.18.2.5 getCount() . . . 53
7.18.2.6 getDescription() . . . 53
7.18.2.7 getGenre() . . . 53

7.18.2.8 getId() . . . 54
7.18.2.9 getPages() . . . 54
7.18.2.10 getPublishDate() . . . 54
7.18.2.11 getTags() . . . 54
7.18.2.12 getTitle() . . . 55
7.18.2.13 setAgeLimit() . . . 55
7.18.2.14 setAuthorFirstName() . . . 56
7.18.2.15 setAuthorLastName() . . . 56
7.18.2.16 setCount() . . . 56
7.18.2.17 setDescription() . . . 57
7.18.2.18 setGenre() . . . 57
7.18.2.19 setId() . . . 57
7.18.2.20 setPages() . . . 57
7.18.2.21 setPublishDate() . . . 58
7.18.2.22 setTags() . . . 58
7.18.2.23 setTitle() . . . 58
7.19 org.models.Book Class Reference . . . 59
7.19.1 Member Function Documentation . . . 59
7.19.1.1 decrementCount() . . . 59
7.19.1.2 getAgeLimit() . . . 59
7.19.1.3 getAuthorFirstName() . . . 59
7.19.1.4 getAuthorLastName() . . . 60
7.19.1.5 getCount() . . . 60
7.19.1.6 getDescription() . . . 60
7.19.1.7 getGenre() . . . 60
7.19.1.8 getId() . . . 60
7.19.1.9 getPages() . . . 60
7.19.1.10 getPublishDate() . . . 60
7.19.1.11 getTags() . . . 60
7.19.1.12 getTitle() . . . 61

7.19.1.13 setAgeLimit() . . . 61
7.19.1.14 setAuthorFirstName() . . . 61
7.19.1.15 setAuthorLastName() . . . 61
7.19.1.16 setCount() . . . 61
7.19.1.17 setDescription() . . . 61
7.19.1.18 setGenre() . . . 61
7.19.1.19 setId() . . . 62
7.19.1.20 setPages() . . . 62
7.19.1.21 setPublishDate() . . . 62
7.19.1.22 setTags() . . . 62
7.19.1.23 setTitle() . . . 62
7.20 com.deusto.builders.BookBuilder Class Reference . . . 62
7.20.1 Detailed Description . . . 63
7.20.2 Member Function Documentation . . . 63
7.20.2.1 ageLimit() . . . 63
7.20.2.2 authorFirstName() . . . 63
7.20.2.3 authorLastName() . . . 64
7.20.2.4 build() . . . 64
7.20.2.5 builder() . . . 64
7.20.2.6 count() . . . 64
7.20.2.7 description() . . . 65
7.20.2.8 genre() . . . 65
7.20.2.9 get() . . . 65
7.20.2.10 pages() . . . 67
7.20.2.11 publishDate() . . . 67
7.20.2.12 tags() . . . 67
7.20.2.13 title() . . . 69
7.21 com.deusto.unit.test.builders.BookBuilderUTest Class Reference . . . 69
7.21.1 Member Function Documentation . . . 70
7.21.1.1 validBookBuilderMethodStyle() . . . 70

7.21.1.2 validBookBuilderUTest() . . . 70
7.22 com.deusto.controllers.BookController Class Reference . . . 70
7.22.1 Detailed Description . . . 70
7.22.2 Member Function Documentation . . . 70
7.22.2.1 createBook() . . . 70
7.22.2.2 getAllBooks() . . . 71
7.22.2.3 getAllBooksFilter1() . . . 71
7.22.2.4 getBookById() . . . 71
7.23 com.deusto.integration.test.BookControllerITest Class Reference . . . 72
7.23.1 Member Function Documentation . . . 72
7.23.1.1 findAll() . . . 72
7.23.1.2 getAllBooksFilter() . . . 72
7.24 com.deusto.dtos.BookDTO Class Reference . . . 73
7.24.1 Detailed Description . . . 73
7.24.2 Member Function Documentation . . . 73
7.24.2.1 getAgeLimit() . . . 73
7.24.2.2 getAuthorFirstName() . . . 74
7.24.2.3 getAuthorLastName() . . . 74
7.24.2.4 getCount() . . . 74
7.24.2.5 getDescription() . . . 74
7.24.2.6 getGenre() . . . 75
7.24.2.7 getPages() . . . 75
7.24.2.8 getPublishDate() . . . 75
7.24.2.9 getTags() . . . 75
7.24.2.10 getTitle() . . . 76
7.24.2.11 setAgeLimit() . . . 76
7.24.2.12 setAuthorFirstName() . . . 77
7.24.2.13 setAuthorLastName() . . . 77
7.24.2.14 setCount() . . . 77
7.24.2.15 setDescription() . . . 78

7.24.2.16 setGenre() . . . 78
7.24.2.17 setPages() . . . 78
7.24.2.18 setPublishDate() . . . 78
7.24.2.19 setTags() . . . 79
7.24.2.20 setTitle() . . . 79
7.25 org.dtos.BookDTO Class Reference . . . 79
7.25.1 Member Function Documentation . . . 80
7.25.1.1 getAgeLimit() . . . 80
7.25.1.2 getAuthorFirstName() . . . 80
7.25.1.3 getAuthorLastName() . . . 80
7.25.1.4 getCount() . . . 80
7.25.1.5 getDescription() . . . 80
7.25.1.6 getGenre() . . . 81
7.25.1.7 getPages() . . . 81
7.25.1.8 getPublishDate() . . . 81
7.25.1.9 getTags() . . . 81
7.25.1.10 getTitle() . . . 81
7.25.1.11 setAgeLimit() . . . 81
7.25.1.12 setAuthorFirstName() . . . 81
7.25.1.13 setAuthorLastName() . . . 82
7.25.1.14 setCount() . . . 82
7.25.1.15 setDescription() . . . 82
7.25.1.16 setGenre() . . . 82
7.25.1.17 setPages() . . . 82
7.25.1.18 setPublishDate() . . . 82
7.25.1.19 setTags() . . . 82
7.25.1.20 setTitle() . . . 83
7.26 com.deusto.unit.test.dtos.BookDTOUTest Class Reference . . . 83
7.26.1 Member Function Documentation . . . 83
7.26.1.1 validBookDTO() . . . 83

7.27 org.GUI.Booking Class Reference . . . 83
7.27.1 Constructor & Destructor Documentation . . . 84
7.27.1.1 Booking() . . . 84
7.27.2 Member Function Documentation . . . 84
7.27.2.1 actionPerformed() . . . 84
7.27.2.2 main() . . . 84
7.27.3 Member Data Documentation . . . 84
7.27.3.1 j . . . 85
7.27.3.2 newUser . . . 85
7.28 com.deusto.BookitApplication Class Reference . . . 85
7.28.1 Detailed Description . . . 85
7.28.2 Member Function Documentation . . . 85
7.28.2.1 main() . . . 85
7.29 com.deusto.repositories.BookRepository Interface Reference . . . 85
7.29.1 Detailed Description . . . 86
7.29.2 Member Function Documentation . . . 86
7.29.2.1 findAll() . . . 86
7.29.2.2 findAllByAuthorFirstName() . . . 86
7.29.2.3 findAllByAuthorLastName() . . . 86
7.29.2.4 findAllByGenre() . . . 86
7.29.2.5 findAllById() . . . 87
7.29.2.6 findBookById() . . . 87
7.29.2.7 findByTitle() . . . 87
7.30 com.deusto.unit.test.repositories.BookRepositoryUTest Class Reference . . . 87
7.30.1 Member Function Documentation . . . 87
7.30.1.1 findAllBooksTest() . . . 88
7.30.1.2 findAllByAuthorFirstNameTest() . . . 88
7.30.1.3 findAllByAuthorLastNameTest() . . . 88
7.30.1.4 findAllByGenreTest() . . . 88
7.30.1.5 findAllByIdTest() . . . 88

7.30.1.6 findByTitleTest() . . . 88
7.31 com.deusto.services.BookService Class Reference . . . 89
7.31.1 Detailed Description . . . 89
7.31.2 Member Function Documentation . . . 89
7.31.2.1 findAll() . . . 89
7.31.2.2 findAllByAuthorFirstName() . . . 89
7.31.2.3 findByAuthorLastName() . . . 89
7.31.2.4 findByGenre() . . . 89
7.31.2.5 findById() . . . 90
7.31.2.6 findByTitle() . . . 90
7.31.2.7 insert() . . . 90
7.31.2.8 update() . . . 90
7.32 com.deusto.unit.test.services.BookServiceUTest Class Reference . . . 90
7.33 com.deusto.builders.mail.Email Class Reference . . . 91
7.33.1 Member Function Documentation . . . 91
7.33.1.1 build() . . . 91
7.33.1.2 builder() . . . 91
7.33.1.3 from() . . . 91
7.33.1.4 messagePreparator() . . . 91
7.33.1.5 subject() . . . 92
7.33.1.6 text() . . . 92
7.33.1.7 to() . . . 92
7.34 com.deusto.forms.email.EmailField Interface Reference . . . 92
7.34.1 Member Function Documentation . . . 92
7.34.1.1 getEmail() . . . 93
7.35 com.deusto.services.mail.EmailService Class Reference . . . 93
7.35.1 Detailed Description . . . 93
7.36 org.security.EntryPointUnauthorizedHandler Class Reference . . . 93
7.36.1 Member Function Documentation . . . 93
7.36.1.1 commence() . . . 94

7.37 com.deusto.security.EntryPointUnauthorizedHandler Class Reference . . . 94
7.37.1 Member Function Documentation . . . 94
7.37.1.1 commence() . . . 94
7.38 org.dtos.FilterDTO Class Reference . . . 95
7.38.1 Detailed Description . . . 95
7.38.2 Member Function Documentation . . . 95
7.38.2.1 getGenre() . . . 95
7.38.2.2 getReserveDate() . . . 95
7.38.2.3 getReserveExpire() . . . 95
7.38.2.4 getTitle() . . . 96
7.38.2.5 setGenre() . . . 96
7.38.2.6 setReserveDate() . . . 96
7.38.2.7 setReserveExpire() . . . 96
7.38.2.8 setTitle() . . . 96
7.38.3 Member Data Documentation . . . 96
7.38.3.1 genre . . . 96
7.39 com.deusto.dtos.FilterDTO Class Reference . . . 97
7.39.1 Detailed Description . . . 97
7.39.2 Member Function Documentation . . . 97
7.39.2.1 getGenre() . . . 97
7.39.2.2 getReserveDate() . . . 97
7.39.2.3 getReserveExpire() . . . 98
7.39.2.4 getTitle() . . . 98
7.39.2.5 setGenre() . . . 98
7.39.2.6 setReserveDate() . . . 98
7.39.2.7 setReserveExpire() . . . 99
7.39.2.8 setTitle() . . . 99
7.39.3 Member Data Documentation . . . 99
7.39.3.1 genre . . . 99
7.40 com.deusto.services.template.FreeMarkerService Class Reference . . . 99

7.41 com.deusto.controllers.IndexController Class Reference . . . 100
7.41.1 Member Function Documentation . . . 100
7.41.1.1 auth() . . . 100
7.41.1.2 authUser() . . . 100
7.41.1.3 index() . . . 100
7.41.1.4 post() . . . 100
7.41.1.5 unAuth() . . . 100
7.42 com.deusto.integration.test.IndexControllerITest Class Reference . . . 101
7.42.1 Member Function Documentation . . . 101
7.42.1.1 auth() . . . 101
7.42.1.2 authCrash() . . . 101
7.42.1.3 authUser() . . . 101
7.42.1.4 unauth() . . . 101
7.43 org.GUI.Login Class Reference . . . 102
7.43.1 Constructor & Destructor Documentation . . . 102
7.43.1.1 Login() . . . 102
7.43.2 Member Function Documentation . . . 102
7.43.2.1 actionPerformed() . . . 102
7.43.2.2 main() . . . 103
7.43.3 Member Data Documentation . . . 103
7.43.3.1 newUser . . . 103
7.44 com.deusto.controllers.LoginController Class Reference . . . 103
7.44.1 Detailed Description . . . 103
7.44.2 Member Function Documentation . . . 103
7.44.2.1 login() . . . 103
7.45 com.deusto.integration.test.LoginControllerITest Class Reference . . . 104
7.45.1 Member Function Documentation . . . 104
7.45.1.1 login() . . . 104
7.45.1.2 loginWrongCredentials() . . . 104
7.46 org.dtos.LoginDTO Class Reference . . . 105

7.46.1 Constructor & Destructor Documentation . . . 105
7.46.1.1 LoginDTO() [1/2] . . . 105
7.46.1.2 LoginDTO() [2/2] . . . 105
7.46.2 Member Function Documentation . . . 105
7.46.2.1 getEmail() . . . 105
7.46.2.2 getEncryptedPassword() . . . 105
7.46.2.3 setEmail() . . . 106
7.46.2.4 setEncryptedPassword() . . . 106
7.47 com.deusto.dtos.LoginDTO Class Reference . . . 106
7.47.1 Detailed Description . . . 106
7.47.2 Member Function Documentation . . . 106
7.47.2.1 getEmail() . . . 106
7.47.2.2 getEncryptedPassword() . . . 107
7.47.2.3 setEmail() . . . 107
7.47.2.4 setEncryptedPassword() . . . 107
7.48 com.deusto.unit.test.dtos.LoginDTOUTest Class Reference . . . 107
7.48.1 Member Function Documentation . . . 108
7.48.1.1 inValidEmailEmptyLoginDTO() . . . 108
7.48.1.2 inValidEmailLoginDTO() . . . 108
7.48.1.3 inValidLoginDTO() . . . 108
7.48.1.4 inValidPasswordEmptyLoginDTO() . . . 108
7.48.1.5 validLoginDTO() . . . 108
7.49 com.deusto.dtos.PersonDTO Class Reference . . . 109
7.49.1 Detailed Description . . . 109
7.49.2 Member Function Documentation . . . 109
7.49.2.1 getAddress() . . . 109
7.49.2.2 getBirthDate() . . . 109
7.49.2.3 getCountryCode() . . . 110
7.49.2.4 getEmail() . . . 110
7.49.2.5 getPassword() . . . 110

7.49.2.6 getPhone() . . . 110
7.49.2.7 setAddress() . . . 110
7.49.2.8 setBirthDate() . . . 111
7.49.2.9 setCountryCode() . . . 111
7.49.2.10 setEmail() . . . 111
7.49.2.11 setPassword() . . . 112
7.49.2.12 setPhone() . . . 112
7.50 org.dtos.PersonDTO Class Reference . . . 112
7.50.1 Member Function Documentation . . . 112
7.50.1.1 getAddress() . . . 113
7.50.1.2 getBirthDate() . . . 113
7.50.1.3 getCountryCode() . . . 113
7.50.1.4 getEmail() . . . 113
7.50.1.5 getPassword() . . . 113
7.50.1.6 getPhone() . . . 113
7.50.1.7 setAddress() . . . 113
7.50.1.8 setBirthDate() . . . 114
7.50.1.9 setCountryCode() . . . 114
7.50.1.10 setEmail() . . . 114
7.50.1.11 setPassword() . . . 114
7.50.1.12 setPhone() . . . 114
7.51 com.deusto.unit.test.dtos.PersonDTOUTest Class Reference . . . 114
7.51.1 Member Function Documentation . . . 115
7.51.1.1 invalidEmailPeronDTO() . . . 115
7.51.1.2 invalidEmptyCountryCodePersonDTO() . . . 115
7.51.1.3 invalidEmptyEmailPersontDTO() . . . 115
7.51.1.4 invalidEmptyPasswordPersonDTO() . . . 115
7.51.1.5 validPersonDTO() . . . 115
7.52 org.GUI.Register Class Reference . . . 116
7.52.1 Constructor & Destructor Documentation . . . 116

7.52.1.1 Register() . . . 116
7.52.2 Member Function Documentation . . . 116
7.52.2.1 actionPerformed() . . . 116
7.52.2.2 main() . . . 117
7.52.3 Member Data Documentation . . . 117
7.52.3.1 j . . . 117
7.52.3.2 newUser . . . 117
7.53 org.models.Registr Class Reference . . . 117
7.53.1 Member Function Documentation . . . 117
7.53.1.1 getEmail() . . . 117
7.53.1.2 getFirstname() . . . 118
7.53.1.3 getId() . . . 118
7.53.1.4 getLastname() . . . 118
7.53.1.5 isActiv() . . . 118
7.53.1.6 setActiv() . . . 118
7.53.1.7 setEmail() . . . 118
7.53.1.8 setFirstname() . . . 118
7.53.1.9 setId() . . . 119
7.53.1.10 setLastname() . . . 119
7.54 com.deusto.models.Registr Class Reference . . . 119
7.54.1 Detailed Description . . . 119
7.54.2 Member Function Documentation . . . 119
7.54.2.1 getEmail() . . . 119
7.54.2.2 getFirstname() . . . 120
7.54.2.3 getId() . . . 120
7.54.2.4 getLastname() . . . 120
7.54.2.5 isActiv() . . . 120
7.54.2.6 setActiv() . . . 120
7.54.2.7 setEmail() . . . 121
7.54.2.8 setFirstname() . . . 121

7.54.2.9 setId() . . . 121
7.54.2.10 setLastname() . . . 122
7.55 com.deusto.builders.RegistrBuilder Class Reference . . . 122
7.55.1 Detailed Description . . . 122
7.55.2 Member Function Documentation . . . 122
7.55.2.1 get() . . . 122
7.56 com.deusto.unit.test.builders.RegistrBuilderUTest Class Reference . . . 123
7.56.1 Member Function Documentation . . . 123
7.56.1.1 validRegistrBuilder() . . . 123
7.57 com.deusto.controllers.RegistrController Class Reference . . . 123
7.57.1 Detailed Description . . . 123
7.57.2 Member Function Documentation . . . 123
7.57.2.1 firstStep() . . . 123
7.57.2.2 lastStep() . . . 124
7.57.2.3 secondStep() . . . 124
7.58 com.deusto.integration.test.RegistrControllerITest Class Reference . . . 125
7.58.1 Member Function Documentation . . . 125
7.58.1.1 validPostRegistr() . . . 125
7.59 com.deusto.dtos.RegistrDTO Class Reference . . . 125
7.59.1 Detailed Description . . . 125
7.59.2 Member Function Documentation . . . 126
7.59.2.1 getEmail() . . . 126
7.59.2.2 getFirstname() . . . 126
7.59.2.3 getLastname() . . . 126
7.59.2.4 setEmail() . . . 126
7.59.2.5 setFirstname() . . . 127
7.59.2.6 setLastname() . . . 127
7.60 org.dtos.RegistrDTO Class Reference . . . 127
7.60.1 Member Function Documentation . . . 128
7.60.1.1 getEmail() . . . 128

7.60.1.2 getFirstname() . . . 128
7.60.1.3 getLastname() . . . 128
7.60.1.4 setEmail() . . . 128
7.60.1.5 setFirstname() . . . 128
7.60.1.6 setLastname() . . . 128
7.61 com.deusto.unit.test.dtos.RegistrDTOUTest Class Reference . . . 129
7.61.1 Member Function Documentation . . . 129
7.61.1.1 inValidEmailEmptyRegistrDTO() . . . 129
7.61.1.2 inValidEmailWrongRegistrDTO() . . . 129
7.61.1.3 inValidFirstnameAndLastnameEmptyRegistrDTO() . . . 129
7.61.1.4 inValidFirstnameEmptyRegistrDTO() . . . 130
7.61.1.5 inValidLastnameEmptyRegistrDTO() . . . 130
7.61.1.6 inValidRegistrDTO() . . . 130
7.61.1.7 validRegistrDTO() . . . 130
7.62 com.deusto.forms.email.RegistrForm Class Reference . . . 130
7.62.1 Detailed Description . . . 131
7.62.2 Member Function Documentation . . . 131
7.62.2.1 get() . . . 131
7.62.2.2 getEmail() . . . 131
7.62.2.3 getFirstname() . . . 131
7.62.2.4 getLastname() . . . 131
7.62.2.5 getUrl() . . . 131
7.62.2.6 setEmail() . . . 132
7.62.2.7 setFirstname() . . . 132
7.62.2.8 setLastname() . . . 132
7.62.2.9 setUrl() . . . 132
7.63 com.deusto.unit.test.forms.RegistrFormUTest Class Reference . . . 132
7.64 com.deusto.repositories.RegistrRepository Interface Reference . . . 133
7.64.1 Detailed Description . . . 133
7.64.2 Member Function Documentation . . . 133

7.64.2.1 findByEmail() . . . 133
7.64.2.2 findRegistrById() . . . 133
7.65 com.deusto.unit.test.repositories.RegistrRepostoryUTest Class Reference . . . 133
7.66 com.deusto.services.RegistrService Class Reference . . . 134
7.66.1 Detailed Description . . . 134
7.66.2 Member Function Documentation . . . 134
7.66.2.1 delete() . . . 134
7.66.2.2 findByEmail() . . . 134
7.66.2.3 findById() . . . 134
7.66.2.4 insert() . . . 135
7.66.2.5 update() . . . 135
7.67 com.deusto.unit.test.services.RegistrServiceUTest Class Reference . . . 135
7.68 org.models.Reserve Class Reference . . . 135
7.68.1 Member Function Documentation . . . 136
7.68.1.1 getBook() . . . 136
7.68.1.2 getId() . . . 136
7.68.1.3 getReserveDate() . . . 136
7.68.1.4 getReserveExpire() . . . 136
7.68.1.5 getUser() . . . 136
7.68.1.6 setBook() . . . 136
7.68.1.7 setId() . . . 136
7.68.1.8 setReserveDate() . . . 137
7.68.1.9 setReserveExpire() . . . 137
7.68.1.10 setUser() . . . 137
7.69 com.deusto.models.Reserve Class Reference . . . 137
7.69.1 Detailed Description . . . 137
7.69.2 Member Function Documentation . . . 137
7.69.2.1 getBook() . . . 138
7.69.2.2 getId() . . . 138
7.69.2.3 getReserveDate() . . . 138

7.69.2.4 getReserveExpire() . . . 138
7.69.2.5 getUser() . . . 139
7.69.2.6 setBook() . . . 139
7.69.2.7 setId() . . . 140
7.69.2.8 setReserveDate() . . . 140
7.69.2.9 setReserveExpire() . . . 140
7.69.2.10 setUser() . . . 141
7.70 com.deusto.builders.ReserveBuilder Class Reference . . . 141
7.71 com.deusto.controllers.ReserveController Class Reference . . . 141
7.71.1 Detailed Description . . . 141
7.71.2 Member Function Documentation . . . 141
7.71.2.1 getAll() . . . 141
7.71.2.2 newReserve() . . . 141
7.72 com.deusto.integration.test.ReserveControllerITest Class Reference . . . 142
7.72.1 Member Function Documentation . . . 142
7.72.1.1 getAll() . . . 142
7.72.1.2 newReserve() . . . 142
7.72.1.3 reserveWithZeroBooks() . . . 143
7.73 org.dtos.ReserveDTO Class Reference . . . 143
7.73.1 Member Function Documentation . . . 143
7.73.1.1 getBookId() . . . 143
7.73.1.2 setBookId() . . . 143
7.74 com.deusto.dtos.ReserveDTO Class Reference . . . 143
7.74.1 Detailed Description . . . 143
7.74.2 Member Function Documentation . . . 144
7.74.2.1 getBookId() . . . 144
7.74.2.2 setBookId() . . . 144
7.75 com.deusto.repositories.ReserveRepository Interface Reference . . . 144
7.75.1 Detailed Description . . . 145
7.75.2 Member Function Documentation . . . 145

7.75.2.1 delete() . . . 145
7.75.2.2 findAllByBook() . . . 145
7.75.2.3 findAllByReserveDateBeforeAndReserveExpireAfter() . . . 145
7.75.2.4 findAllByUser() . . . 145
7.75.2.5 findDistinctByReserveDateAndReserveExpire() . . . 145
7.75.2.6 insert() . . . 146
7.76 com.deusto.services.ReserveService Class Reference . . . 146
7.76.1 Detailed Description . . . 146
7.76.2 Member Function Documentation . . . 146
7.76.2.1 findAll() . . . 146
7.76.2.2 findAllByBook() . . . 146
7.76.2.3 findAllByUser() . . . 146
7.76.2.4 findAvailableBetweenDates() . . . 147
7.76.2.5 insert() . . . 147
7.76.2.6 update() . . . 147
7.77 org.security.SecurityUser Class Reference . . . 147
7.77.1 Constructor & Destructor Documentation . . . 148
7.77.1.1 SecurityUser() . . . 148
7.77.2 Member Function Documentation . . . 148
7.77.2.1 getAccountNonExpired() . . . 148
7.77.2.2 getAccountNonLocked() . . . 148
7.77.2.3 getAuthorities() . . . 149
7.77.2.4 getCredentialsNonExpired() . . . 149
7.77.2.5 getEmail() . . . 149
7.77.2.6 getEnabled() . . . 149
7.77.2.7 getId() . . . 149
7.77.2.8 getLastPasswordReset() . . . 149
7.77.2.9 getName() . . . 149
7.77.2.10 getPassword() . . . 149
7.77.2.11 getUsername() . . . 150

7.77.2.12 isAccountNonExpired() . . . 150
7.77.2.13 isAccountNonLocked() . . . 150
7.77.2.14 isCredentialsNonExpired() . . . 150
7.77.2.15 isEnabled() . . . 150
7.77.2.16 setAccountNonExpired() . . . 150
7.77.2.17 setAccountNonLocked() . . . 150
7.77.2.18 setAuthorities() . . . 151
7.77.2.19 setCredentialsNonExpired() . . . 151
7.77.2.20 setEmail() . . . 151
7.77.2.21 setEnabled() . . . 151
7.77.2.22 setId() . . . 151
7.77.2.23 setLastPasswordReset() . . . 151
7.77.2.24 setPassword() . . . 151
7.78 com.deusto.security.SecurityUser Class Reference . . . 152
7.78.1 Constructor & Destructor Documentation . . . 152
7.78.1.1 SecurityUser() . . . 152
7.78.2 Member Function Documentation . . . 153
7.78.2.1 getAccountNonExpired() . . . 153
7.78.2.2 getAccountNonLocked() . . . 153
7.78.2.3 getAuthorities() . . . 153
7.78.2.4 getCredentialsNonExpired() . . . 153
7.78.2.5 getEmail() . . . 153
7.78.2.6 getEnabled() . . . 153
7.78.2.7 getId() . . . 153
7.78.2.8 getLastPasswordReset() . . . 154
7.78.2.9 getName() . . . 154
7.78.2.10 getPassword() . . . 154
7.78.2.11 getUsername() . . . 154
7.78.2.12 isAccountNonExpired() . . . 154
7.78.2.13 isAccountNonLocked() . . . 154

7.78.2.14 isCredentialsNonExpired() . . . 154
7.78.2.15 isEnabled() . . . 154
7.78.2.16 setAccountNonExpired() . . . 155
7.78.2.17 setAccountNonLocked() . . . 155
7.78.2.18 setAuthorities() . . . 155
7.78.2.19 setCredentialsNonExpired() . . . 155
7.78.2.20 setEmail() . . . 155
7.78.2.21 setEnabled() . . . 155
7.78.2.22 setId() . . . 155
7.78.2.23 setLastPasswordReset() . . . 156
7.78.2.24 setPassword() . . . 156
7.79 com.deusto.SwaggerConfigs Class Reference . . . 156
7.79.1 Detailed Description . . . 156
7.79.2 Member Function Documentation . . . 156
7.79.2.1 api() . . . 156
7.80 org.models.Token Class Reference . . . 156
7.80.1 Member Function Documentation . . . 157
7.80.1.1 getToken() . . . 157
7.80.1.2 setToken() . . . 157
7.81 com.deusto.security.TokenUtils Class Reference . . . 157
7.81.1 Member Function Documentation . . . 157
7.81.1.1 canTokenBeRefreshed() . . . 157
7.81.1.2 generateToken() . . . 158
7.81.1.3 getAudienceFromToken() . . . 158
7.81.1.4 getCreatedDateFromToken() . . . 158
7.81.1.5 getExpirationDateFromToken() . . . 158
7.81.1.6 getUsernameFromToken() . . . 158
7.81.1.7 refreshToken() . . . 158
7.81.1.8 validateToken() . . . 158
7.82 org.security.TokenUtils Class Reference . . . 159

7.82.1 Member Function Documentation . . . 159
7.82.1.1 canTokenBeRefreshed() . . . 159
7.82.1.2 generateToken() . . . 159
7.82.1.3 getAudienceFromToken() . . . 159
7.82.1.4 getCreatedDateFromToken() . . . 159
7.82.1.5 getExpirationDateFromToken() . . . 160
7.82.1.6 getUsernameFromToken() . . . 160
7.82.1.7 refreshToken() . . . 160
7.82.1.8 validateToken() . . . 160
7.83 com.deusto.models.User Class Reference . . . 160
7.83.1 Detailed Description . . . 161
7.83.2 Member Function Documentation . . . 161
7.83.2.1 getAddress() . . . 161
7.83.2.2 getBirthDate() . . . 161
7.83.2.3 getCountryCode() . . . 161
7.83.2.4 getEmail() . . . 162
7.83.2.5 getFirstname() . . . 162
7.83.2.6 getId() . . . 162
7.83.2.7 getLastname() . . . 162
7.83.2.8 getPassword() . . . 163
7.83.2.9 getPhone() . . . 163
7.83.2.10 setAddress() . . . 163
7.83.2.11 setBirthDate() . . . 163
7.83.2.12 setCountryCode() . . . 164
7.83.2.13 setEmail() . . . 164
7.83.2.14 setFirstname() . . . 164
7.83.2.15 setId() . . . 164
7.83.2.16 setLastname() . . . 165
7.83.2.17 setPassword() . . . 165
7.83.2.18 setPhone() . . . 165

7.84 org.models.User Class Reference . . . 166
7.84.1 Constructor & Destructor Documentation . . . 166
7.84.1.1 User() [1/2] . . . 166
7.84.1.2 User() [2/2] . . . 166
7.84.2 Member Function Documentation . . . 166
7.84.2.1 getAddress() . . . 167
7.84.2.2 getBirthDate() . . . 167
7.84.2.3 getCountryCode() . . . 167
7.84.2.4 getEmail() . . . 167
7.84.2.5 getFirstname() . . . 167
7.84.2.6 getId() . . . 167
7.84.2.7 getLastname() . . . 167
7.84.2.8 getPassword() . . . 167
7.84.2.9 getPhone() . . . 168
7.84.2.10 setAddress() . . . 168
7.84.2.11 setBirthDate() . . . 168
7.84.2.12 setCountryCode() . . . 168
7.84.2.13 setEmail() . . . 168
7.84.2.14 setFirstname() . . . 168
7.84.2.15 setId() . . . 168
7.84.2.16 setLastname() . . . 169
7.84.2.17 setPassword() . . . 169
7.84.2.18 setPhone() . . . 169
7.85 com.deusto.builders.UserBuilder Class Reference . . . 169
7.85.1 Detailed Description . . . 169
7.85.2 Member Function Documentation . . . 169
7.85.2.1 birthDate() . . . 169
7.85.2.2 build() . . . 170
7.85.2.3 builder() . . . 170
7.85.2.4 countryCode() . . . 170

7.85.2.5 email() . . . 171
7.85.2.6 firstname() . . . 171
7.85.2.7 get() [1/2] . . . 171
7.85.2.8 get() [2/2] . . . 172
7.85.2.9 lastname() . . . 172
7.85.2.10 password() . . . 172
7.85.2.11 phone() . . . 173
7.86 com.deusto.unit.test.builders.UserBuilderUTest Class Reference . . . 173
7.86.1 Member Function Documentation . . . 174
7.86.1.1 validUserBuilder() . . . 174
7.86.1.2 validUserBuilderMethodStyle() . . . 174
7.87 com.deusto.integration.test.UserControllerITest Class Reference . . . 174
7.88 com.deusto.security.UserDetailsServiceImpl Class Reference . . . 174
7.88.1 Member Function Documentation . . . 175
7.88.1.1 loadUserByUsername() . . . 175
7.89 com.deusto.repositories.UserRepository Interface Reference . . . 175
7.89.1 Detailed Description . . . 175
7.89.2 Member Function Documentation . . . 175
7.89.2.1 delete() . . . 176
7.89.2.2 findAllByFirstname() . . . 176
7.89.2.3 findAllByLastname() . . . 176
7.89.2.4 findByEmail() . . . 176
7.89.2.5 findByPhone() . . . 176
7.89.2.6 findUserById() . . . 176
7.90 com.deusto.unit.test.repositories.UserRepositoryUTest Class Reference . . . 177
7.91 com.deusto.services.UserService Class Reference . . . 177
7.91.1 Detailed Description . . . 177
7.91.2 Member Function Documentation . . . 177
7.91.2.1 delete() . . . 177
7.91.2.2 findByEmail() . . . 178

7.91.2.3 findbyFirstName() . . . 178
7.91.2.4 findById() . . . 178
7.91.2.5 findByLastName() . . . 178
7.91.2.6 findByPhoneNumber() . . . 178
7.91.2.7 insert() . . . 178
7.91.2.8 update() . . . 178
7.92 com.deusto.unit.test.services.UserServiceUTest Class Reference . . . 179
7.93 com.deusto.WebSecurityConfigs Class Reference . . . 179
7.93.1 Detailed Description . . . 179
7.93.2 Member Function Documentation . . . 179
7.93.2.1 authenticationManagerBean() . . . 180
7.93.2.2 authenticationTokenFilterBean() . . . 180
7.93.2.3 configure() [1/2] . . . 180
7.93.2.4 configure() [2/2] . . . 180
7.93.2.5 configureAuthentication() . . . 180

8 File Documentation **181**

8.1 ClientB/src/main/java/org/ClientP/Application.java File Reference . . . 181
8.2 ClientB/src/main/java/org/dtos/AddressDTO.java File Reference . . . 181
8.3 ServerB/src/main/java/com/deusto/dtos/AddressDTO.java File Reference . . . 181
8.4 ClientB/src/main/java/org/dtos/BookDTO.java File Reference . . . 182
8.5 ServerB/src/main/java/com/deusto/dtos/BookDTO.java File Reference . . . 182
8.6 ClientB/src/main/java/org/dtos/FilterDTO.java File Reference . . . 182
8.7 ServerB/src/main/java/com/deusto/dtos/FilterDTO.java File Reference . . . 182
8.8 ClientB/src/main/java/org/dtos/LoginDTO.java File Reference . . . 183
8.9 ServerB/src/main/java/com/deusto/dtos/LoginDTO.java File Reference . . . 183
8.10 ClientB/src/main/java/org/dtos/PersonDTO.java File Reference . . . 183
8.11 ServerB/src/main/java/com/deusto/dtos/PersonDTO.java File Reference . . . 183
8.12 ClientB/src/main/java/org/dtos/RegistrDTO.java File Reference . . . 184
8.13 ServerB/src/main/java/com/deusto/dtos/RegistrDTO.java File Reference . . . 184
8.14 ClientB/src/main/java/org/dtos/ReserveDTO.java File Reference . . . 184

8.15 ServerB/src/main/java/com/deusto/dtos/ReserveDTO.java File Reference 184
8.16 ClientB/src/main/java/org/GUI/Booking.java File Reference 185
8.17 ClientB/src/main/java/org/GUI/Login.java File Reference 185
8.18 ClientB/src/main/java/org/GUI/Register.java File Reference 185
8.19 ClientB/src/main/java/org/models/Address.java File Reference 185
8.20 ServerB/src/main/java/com/deusto/models/Address.java File Reference 186
8.21 ClientB/src/main/java/org/models/Book.java File Reference 186
8.22 ServerB/src/main/java/com/deusto/models/Book.java File Reference 186
8.23 ClientB/src/main/java/org/models/Registr.java File Reference 186
8.24 ServerB/src/main/java/com/deusto/models/Registr.java File Reference 187
8.25 ClientB/src/main/java/org/models/Reserve.java File Reference 187
8.26 ServerB/src/main/java/com/deusto/models/Reserve.java File Reference 187
8.27 ClientB/src/main/java/org/models/Token.java File Reference 187
8.28 ClientB/src/main/java/org/models/User.java File Reference 188
8.29 ServerB/src/main/java/com/deusto/models/User.java File Reference 188
8.30 ClientB/src/main/java/org/security/AuthenticationTokenFilter.java File Reference 188
8.31 ServerB/src/main/java/com/deusto/security/AuthenticationTokenFilter.java File Reference 188
8.32 ClientB/src/main/java/org/security/EntryPointUnauthorizedHandler.java File Reference 189
8.33 ServerB/src/main/java/com/deusto/security/EntryPointUnauthorizedHandler.java File Reference . . 189
8.34 ClientB/src/main/java/org/security/SecurityUser.java File Reference 189
8.35 ServerB/src/main/java/com/deusto/security/SecurityUser.java File Reference 189
8.36 ClientB/src/main/java/org/security/TokenUtils.java File Reference 190
8.37 ServerB/src/main/java/com/deusto/security/TokenUtils.java File Reference 190
8.38 ClientB/src/test/java/org/test/AppTest.java File Reference 190
8.39 ClientB/src/test/java/org/test/common/AbstractIt.java File Reference 190
8.40 ServerB/src/test/java/com/deusto/integration/test/common/AbstractIT.java File Reference 191
8.41 README.md File Reference 191
8.42 ServerB/src/main/java/com/deusto/BookitApplication.java File Reference 191
8.43 ServerB/src/main/java/com/deusto/builders/AddressBuilder.java File Reference 191
8.44 ServerB/src/main/java/com/deusto/builders/BookBuilder.java File Reference 191

8.45 ServerB/src/main/java/com/deusto/builders/mail/Email.java File Reference 192
8.46 ServerB/src/main/java/com/deusto/builders/RegistrBuilder.java File Reference 192
8.47 ServerB/src/main/java/com/deusto/builders/ReserveBuilder.java File Reference 192
8.48 ServerB/src/main/java/com/deusto/builders/UserBuilder.java File Reference 192
8.49 ServerB/src/main/java/com/deusto/controllers/BookController.java File Reference 193
8.50 ServerB/src/main/java/com/deusto/controllers/IndexController.java File Reference 193
8.51 ServerB/src/main/java/com/deusto/controllers/LoginController.java File Reference 193
8.52 ServerB/src/main/java/com/deusto/controllers/RegistrController.java File Reference 193
8.53 ServerB/src/main/java/com/deusto/controllers/ReserveController.java File Reference 194
8.54 ServerB/src/main/java/com/deusto/forms/email/EmailField.java File Reference 194
8.55 ServerB/src/main/java/com/deusto/forms/email/RegistrForm.java File Reference 194
8.56 ServerB/src/main/java/com/deusto/repositories/AddressRepository.java File Reference 194
8.57 ServerB/src/main/java/com/deusto/repositories/BookRepository.java File Reference 195
8.58 ServerB/src/main/java/com/deusto/repositories/RegistrRepository.java File Reference 195
8.59 ServerB/src/main/java/com/deusto/repositories/ReserveRepository.java File Reference 195
8.60 ServerB/src/main/java/com/deusto/repositories/UserRepository.java File Reference 195
8.61 ServerB/src/main/java/com/deusto/security/AuthenticationService.java File Reference 196
8.62 ServerB/src/main/java/com/deusto/security/UserDetailsServiceImpl.java File Reference 196
8.63 ServerB/src/main/java/com/deusto/services/BookService.java File Reference 196
8.64 ServerB/src/main/java/com/deusto/services/mail/EmailService.java File Reference 196
8.65 ServerB/src/main/java/com/deusto/services/RegistrService.java File Reference 197
8.66 ServerB/src/main/java/com/deusto/services/ReserveService.java File Reference 197
8.67 ServerB/src/main/java/com/deusto/services/template/FreeMarkerService.java File Reference . . . 197
8.68 ServerB/src/main/java/com/deusto/services/UserService.java File Reference 197
8.69 ServerB/src/main/java/com/deusto/SwaggerConfigs.java File Reference 198
8.70 ServerB/src/main/java/com/deusto/WebSecurityConfigs.java File Reference 198
8.71 ServerB/src/main/resources/db/changes/firstChangeSet.js File Reference 198
8.72 ServerB/target/classes/db/changes/firstChangeSet.js File Reference 198
8.73 ServerB/src/test/java/com/deusto/integration/test/BookControllerITest.java File Reference 198
8.74 ServerB/src/test/java/com/deusto/integration/test/IndexControllerITest.java File Reference 198

8.75 ServerB/src/test/java/com/deusto/integration/test/LoginControllerITest.java File Reference 199

8.76 ServerB/src/test/java/com/deusto/integration/test/RegistrControllerITest.java File Reference 199

8.77 ServerB/src/test/java/com/deusto/integration/test/ReserveControllerITest.java File Reference 199

8.78 ServerB/src/test/java/com/deusto/integration/test/UserControllerITest.java File Reference 199

8.79 ServerB/src/test/java/com/deusto/unit/test/builders/AddressBuilderUTest.java File Reference 200

8.80 ServerB/src/test/java/com/deusto/unit/test/builders/BookBuilderUTest.java File Reference 200

8.81 ServerB/src/test/java/com/deusto/unit/test/builders/RegistrBuilderUTest.java File Reference 200

8.82 ServerB/src/test/java/com/deusto/unit/test/builders/UserBuilderUTest.java File Reference 200

8.83 ServerB/src/test/java/com/deusto/unit/test/common/AbstractUT.java File Reference 201

8.84 ServerB/src/test/java/com/deusto/unit/test/dtos/AddressDTOUTest.java File Reference 201

8.85 ServerB/src/test/java/com/deusto/unit/test/dtos/BookDTOUTest.java File Reference 201

8.86 ServerB/src/test/java/com/deusto/unit/test/dtos/LoginDTOUTest.java File Reference 201

8.87 ServerB/src/test/java/com/deusto/unit/test/dtos/PersonDTOUTest.java File Reference 202

8.88 ServerB/src/test/java/com/deusto/unit/test/dtos/RegistrDTOUTest.java File Reference 202

8.89 ServerB/src/test/java/com/deusto/unit/test/forms/RegistrFormUTest.java File Reference 202

8.90 ServerB/src/test/java/com/deusto/unit/test/repositories/BookRepositoryUTest.java File Reference . 202

8.91 ServerB/src/test/java/com/deusto/unit/test/repositories/RegistrRepostoryUTest.java File Reference . 203

8.92 ServerB/src/test/java/com/deusto/unit/test/repositories/UserRepositoryUTest.java File Reference . . 203

8.93 ServerB/src/test/java/com/deusto/unit/test/services/AuthenticationServiceUTest.java File Reference 203

8.94 ServerB/src/test/java/com/deusto/unit/test/services/BookServiceUTest.java File Reference 203

8.95 ServerB/src/test/java/com/deusto/unit/test/services/RegistrServiceUTest.java File Reference 204

8.96 ServerB/src/test/java/com/deusto/unit/test/services/UserServiceUTest.java File Reference 204

Index **205**

Chapter 1

README

Our amazing team decided to create a booking aplication for reserving books in a library. In order to achieve succes and to reach our goal, we have used the following technologies:

Prerequisites:

- Intellij IDEA or Eclipse developement environments
- mongo db

If you want to run the application in Intellij IDEA make sure you configure it as a SpringBoot application.

In order to run the Jenkins CI, you will be interested to pull the docker container from the docker hub, and then to run the jenkins-spq container.
For this you need to have, as well, docker installed.

Make sure you have doxygen installed, for generating the documentation.

For this, you will need the following:

- GNU tools:
    1. flex
    2. bison
    3. libiconv
    4. make
    5. strip
        (a)
    6. </ul?

For the server side

SPRING Boot framework

Spring boot is a suite, pre-configured, pre-sugared set of frameworks/technologies to reduce boiler plate configuration providing you the shortest way to have a Spring web application up and running with smallest line of code/configuration out-of-the-box.

Swagger

Swagger is a powerful open source framework backed by a large ecosystem of tools that helps you design, build, document, and consume your RESTful APIs.
In order to view the web swagger view, run the server and access the following route: "localhost↩ :8080/swagger-ui.html". You will be redirected to a view with all the controllers and their implemented methods, like in the image below:

The usage of swagger is very simple. In order to try the functionality of your controllers, the only thing you have to do is to input the body value if needed, and the to press on "Try it out!" button. Let's follow an example:

Go to book-controller and let's create a book, by opening the createBook dropdown menu and complete the body of the request:

Warning! Don't forget to input data for the body request. It's format should be similar to Example Value, in the rightmost part of the image.
Well done till now! Be courageous enough now to press on "Try it out!" button to receive an output like this!

JUnit

To assure the system works correctly we have used the JUnit framework, which helps us to rapidly and efficiently write tests for our code.

Chapter 2

Namespace Index

2.1 Packages

Here are the packages with brief descriptions (if available):

com . . . 15
com.deusto . . . 15
com.deusto.builders . . . 15
com.deusto.builders.mail . . . 16
com.deusto.controllers . . . 16
com.deusto.dtos . . . 16
com.deusto.forms . . . 16
com.deusto.forms.email . . . 17
com.deusto.integration . . . 17
com.deusto.integration.test . . . 17
com.deusto.integration.test.common . . . 17
com.deusto.models . . . 17
com.deusto.repositories . . . 18
com.deusto.security . . . 18
com.deusto.services . . . 18
com.deusto.services.mail . . . 18
com.deusto.services.template . . . 18
com.deusto.unit . . . 19
com.deusto.unit.test . . . 19
com.deusto.unit.test.builders . . . 19
com.deusto.unit.test.common . . . 19
com.deusto.unit.test.dtos . . . 19
com.deusto.unit.test.forms . . . 20
com.deusto.unit.test.repositories . . . 20
com.deusto.unit.test.services . . . 20
org . . . 20
org.ClientP . . . 20
org.dtos . . . 21
org.GUI . . . 21
org.models . . . 21
org.security . . . 21
org.test . . . 21
org.test.common . . . 22

Chapter 3

Hierarchical Index

3.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

org.test.common.AbstractIt . . . 23
com.deusto.integration.test.common.AbstractIT . . . 24
com.deusto.integration.test.BookControllerITest . . . 72
com.deusto.integration.test.IndexControllerITest . . . 101
com.deusto.integration.test.LoginControllerITest . . . 104
com.deusto.integration.test.RegistrControllerITest . . . 125
com.deusto.integration.test.ReserveControllerITest . . . 142
com.deusto.integration.test.UserControllerITest . . . 174
com.deusto.unit.test.common.AbstractUT . . . 25
com.deusto.unit.test.builders.AddressBuilderUTest . . . 39
com.deusto.unit.test.builders.BookBuilderUTest . . . 69
com.deusto.unit.test.builders.RegistrBuilderUTest . . . 123
com.deusto.unit.test.builders.UserBuilderUTest . . . 173
com.deusto.unit.test.dtos.AddressDTOUTest . . . 45
com.deusto.unit.test.dtos.BookDTOUTest . . . 83
com.deusto.unit.test.dtos.LoginDTOUTest . . . 107
com.deusto.unit.test.dtos.PersonDTOUTest . . . 114
com.deusto.unit.test.dtos.RegistrDTOUTest . . . 129
com.deusto.unit.test.forms.RegistrFormUTest . . . 132
com.deusto.unit.test.repositories.BookRepositoryUTest . . . 87
com.deusto.unit.test.repositories.RegistrRepostoryUTest . . . 133
com.deusto.unit.test.repositories.UserRepositoryUTest . . . 177
com.deusto.unit.test.services.AuthenticationServiceUTest . . . 49
com.deusto.unit.test.services.BookServiceUTest . . . 90
com.deusto.unit.test.services.RegistrServiceUTest . . . 135
com.deusto.unit.test.services.UserServiceUTest . . . 179
com.deusto.models.Address . . . 28
org.models.Address . . . 32
com.deusto.builders.AddressBuilder . . . 35
com.deusto.dtos.AddressDTO . . . 40
org.dtos.AddressDTO . . . 43
org.ClientP.Application . . . 46
org.test.AppTest . . . 48
com.deusto.security.AuthenticationService . . . 49
com.deusto.models.Book . . . 51

org.models.Book . . . 59
com.deusto.builders.BookBuilder . . . 62
com.deusto.controllers.BookController . . . 70
com.deusto.dtos.BookDTO . . . 73
org.dtos.BookDTO . . . 79
com.deusto.BookitApplication . . . 85
com.deusto.services.BookService . . . 89
com.deusto.builders.mail.Email . . . 91
com.deusto.forms.email.EmailField . . . 92
  com.deusto.forms.email.RegistrForm . . . 130
com.deusto.services.mail.EmailService . . . 93
org.dtos.FilterDTO . . . 95
com.deusto.dtos.FilterDTO . . . 97
com.deusto.services.template.FreeMarkerService . . . 99
com.deusto.controllers.IndexController . . . 100
com.deusto.controllers.LoginController . . . 103
org.dtos.LoginDTO . . . 105
com.deusto.dtos.LoginDTO . . . 106
com.deusto.dtos.PersonDTO . . . 109
org.dtos.PersonDTO . . . 112
org.models.Registr . . . 117
com.deusto.models.Registr . . . 119
com.deusto.builders.RegistrBuilder . . . 122
com.deusto.controllers.RegistrController . . . 123
com.deusto.dtos.RegistrDTO . . . 125
org.dtos.RegistrDTO . . . 127
com.deusto.services.RegistrService . . . 134
org.models.Reserve . . . 135
com.deusto.models.Reserve . . . 137
com.deusto.builders.ReserveBuilder . . . 141
com.deusto.controllers.ReserveController . . . 141
org.dtos.ReserveDTO . . . 143
com.deusto.dtos.ReserveDTO . . . 143
com.deusto.services.ReserveService . . . 146
com.deusto.SwaggerConfigs . . . 156
org.models.Token . . . 156
com.deusto.security.TokenUtils . . . 157
org.security.TokenUtils . . . 159
com.deusto.models.User . . . 160
org.models.User . . . 166
com.deusto.builders.UserBuilder . . . 169
com.deusto.services.UserService . . . 177
ActionListener
  org.GUI.Booking . . . 83
  org.GUI.Login . . . 102
  org.GUI.Register . . . 116
AuthenticationEntryPoint
  com.deusto.security.EntryPointUnauthorizedHandler . . . 94
  org.security.EntryPointUnauthorizedHandler . . . 93
JFrame
  org.GUI.Booking . . . 83
  org.GUI.Login . . . 102
  org.GUI.Register . . . 116
MongoRepository
  com.deusto.repositories.AddressRepository . . . 46
  com.deusto.repositories.BookRepository . . . 85
  com.deusto.repositories.RegistrRepository . . . 133
  com.deusto.repositories.ReserveRepository . . . 144

com.deusto.repositories.UserRepository 175
UserDetails
com.deusto.security.SecurityUser 152
org.security.SecurityUser 147
UserDetailsService
com.deusto.security.UserDetailsServiceImpl 174
UsernamePasswordAuthenticationFilter
com.deusto.security.AuthenticationTokenFilter 51
org.security.AuthenticationTokenFilter 50
WebSecurityConfigurerAdapter
com.deusto.WebSecurityConfigs 179

Chapter 4

Class Index

4.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

org.test.common.AbstractIt . . . 23
com.deusto.integration.test.common.AbstractIT . . . 24
com.deusto.unit.test.common.AbstractUT . . . 25
com.deusto.models.Address . . . 28
org.models.Address . . . 32
com.deusto.builders.AddressBuilder . . . 35
com.deusto.unit.test.builders.AddressBuilderUTest . . . 39
com.deusto.dtos.AddressDTO . . . 40
org.dtos.AddressDTO . . . 43
com.deusto.unit.test.dtos.AddressDTOUTest . . . 45
com.deusto.repositories.AddressRepository . . . 46
org.ClientP.Application . . . 46
org.test.AppTest . . . 48
com.deusto.security.AuthenticationService . . . 49
com.deusto.unit.test.services.AuthenticationServiceUTest . . . 49
org.security.AuthenticationTokenFilter . . . 50
com.deusto.security.AuthenticationTokenFilter . . . 51
com.deusto.models.Book . . . 51
org.models.Book . . . 59
com.deusto.builders.BookBuilder . . . 62
com.deusto.unit.test.builders.BookBuilderUTest . . . 69
com.deusto.controllers.BookController . . . 70
com.deusto.integration.test.BookControllerITest . . . 72
com.deusto.dtos.BookDTO . . . 73
org.dtos.BookDTO . . . 79
com.deusto.unit.test.dtos.BookDTOUTest . . . 83
org.GUI.Booking . . . 83
com.deusto.BookitApplication . . . 85
com.deusto.repositories.BookRepository . . . 85
com.deusto.unit.test.repositories.BookRepositoryUTest . . . 87
com.deusto.services.BookService . . . 89
com.deusto.unit.test.services.BookServiceUTest . . . 90
com.deusto.builders.mail.Email . . . 91
com.deusto.forms.email.EmailField . . . 92
com.deusto.services.mail.EmailService . . . 93

org.security.EntryPointUnauthorizedHandler . . . 93
com.deusto.security.EntryPointUnauthorizedHandler . . . 94
org.dtos.FilterDTO . . . 95
com.deusto.dtos.FilterDTO . . . 97
com.deusto.services.template.FreeMarkerService . . . 99
com.deusto.controllers.IndexController . . . 100
com.deusto.integration.test.IndexControllerITest . . . 101
org.GUI.Login . . . 102
com.deusto.controllers.LoginController . . . 103
com.deusto.integration.test.LoginControllerITest . . . 104
org.dtos.LoginDTO . . . 105
com.deusto.dtos.LoginDTO . . . 106
com.deusto.unit.test.dtos.LoginDTOUTest . . . 107
com.deusto.dtos.PersonDTO . . . 109
org.dtos.PersonDTO . . . 112
com.deusto.unit.test.dtos.PersonDTOUTest . . . 114
org.GUI.Register . . . 116
org.models.Registr . . . 117
com.deusto.models.Registr . . . 119
com.deusto.builders.RegistrBuilder . . . 122
com.deusto.unit.test.builders.RegistrBuilderUTest . . . 123
com.deusto.controllers.RegistrController . . . 123
com.deusto.integration.test.RegistrControllerITest . . . 125
com.deusto.dtos.RegistrDTO . . . 125
org.dtos.RegistrDTO . . . 127
com.deusto.unit.test.dtos.RegistrDTOUTest . . . 129
com.deusto.forms.email.RegistrForm . . . 130
com.deusto.unit.test.forms.RegistrFormUTest . . . 132
com.deusto.repositories.RegistrRepository . . . 133
com.deusto.unit.test.repositories.RegistrRepostoryUTest . . . 133
com.deusto.services.RegistrService . . . 134
com.deusto.unit.test.services.RegistrServiceUTest . . . 135
org.models.Reserve . . . 135
com.deusto.models.Reserve . . . 137
com.deusto.builders.ReserveBuilder . . . 141
com.deusto.controllers.ReserveController . . . 141
com.deusto.integration.test.ReserveControllerITest . . . 142
org.dtos.ReserveDTO . . . 143
com.deusto.dtos.ReserveDTO . . . 143
com.deusto.repositories.ReserveRepository . . . 144
com.deusto.services.ReserveService . . . 146
org.security.SecurityUser . . . 147
com.deusto.security.SecurityUser . . . 152
com.deusto.SwaggerConfigs . . . 156
org.models.Token . . . 156
com.deusto.security.TokenUtils . . . 157
org.security.TokenUtils . . . 159
com.deusto.models.User . . . 160
org.models.User . . . 166
com.deusto.builders.UserBuilder . . . 169
com.deusto.unit.test.builders.UserBuilderUTest . . . 173
com.deusto.integration.test.UserControllerITest . . . 174
com.deusto.security.UserDetailsServiceImpl . . . 174
com.deusto.repositories.UserRepository . . . 175
com.deusto.unit.test.repositories.UserRepositoryUTest . . . 177
com.deusto.services.UserService . . . 177
com.deusto.unit.test.services.UserServiceUTest . . . 179
com.deusto.WebSecurityConfigs . . . 179

Chapter 5

File Index

5.1 File List

Here is a list of all files with brief descriptions:

ClientB/src/main/java/org/ClientP/Application.java . . . 181
ClientB/src/main/java/org/dtos/AddressDTO.java . . . 181
ClientB/src/main/java/org/dtos/BookDTO.java . . . 182
ClientB/src/main/java/org/dtos/FilterDTO.java . . . 182
ClientB/src/main/java/org/dtos/LoginDTO.java . . . 183
ClientB/src/main/java/org/dtos/PersonDTO.java . . . 183
ClientB/src/main/java/org/dtos/RegistrDTO.java . . . 184
ClientB/src/main/java/org/dtos/ReserveDTO.java . . . 184
ClientB/src/main/java/org/GUI/Booking.java . . . 185
ClientB/src/main/java/org/GUI/Login.java . . . 185
ClientB/src/main/java/org/GUI/Register.java . . . 185
ClientB/src/main/java/org/models/Address.java . . . 185
ClientB/src/main/java/org/models/Book.java . . . 186
ClientB/src/main/java/org/models/Registr.java . . . 186
ClientB/src/main/java/org/models/Reserve.java . . . 187
ClientB/src/main/java/org/models/Token.java . . . 187
ClientB/src/main/java/org/models/User.java . . . 188
ClientB/src/main/java/org/security/AuthenticationTokenFilter.java . . . 188
ClientB/src/main/java/org/security/EntryPointUnauthorizedHandler.java . . . 189
ClientB/src/main/java/org/security/SecurityUser.java . . . 189
ClientB/src/main/java/org/security/TokenUtils.java . . . 190
ClientB/src/test/java/org/test/AppTest.java . . . 190
ClientB/src/test/java/org/test/common/AbstractIt.java . . . 190
ServerB/src/main/java/com/deusto/BookitApplication.java . . . 191
ServerB/src/main/java/com/deusto/SwaggerConfigs.java . . . 198
ServerB/src/main/java/com/deusto/WebSecurityConfigs.java . . . 198
ServerB/src/main/java/com/deusto/builders/AddressBuilder.java . . . 191
ServerB/src/main/java/com/deusto/builders/BookBuilder.java . . . 191
ServerB/src/main/java/com/deusto/builders/RegistrBuilder.java . . . 192
ServerB/src/main/java/com/deusto/builders/ReserveBuilder.java . . . 192
ServerB/src/main/java/com/deusto/builders/UserBuilder.java . . . 192
ServerB/src/main/java/com/deusto/builders/mail/Email.java . . . 192
ServerB/src/main/java/com/deusto/controllers/BookController.java . . . 193
ServerB/src/main/java/com/deusto/controllers/IndexController.java . . . 193
ServerB/src/main/java/com/deusto/controllers/LoginController.java . . . 193

ServerB/src/main/java/com/deusto/controllers/RegistrController.java . . . 193
ServerB/src/main/java/com/deusto/controllers/ReserveController.java . . . 194
ServerB/src/main/java/com/deusto/dtos/AddressDTO.java . . . 181
ServerB/src/main/java/com/deusto/dtos/BookDTO.java . . . 182
ServerB/src/main/java/com/deusto/dtos/FilterDTO.java . . . 182
ServerB/src/main/java/com/deusto/dtos/LoginDTO.java . . . 183
ServerB/src/main/java/com/deusto/dtos/PersonDTO.java . . . 183
ServerB/src/main/java/com/deusto/dtos/RegistrDTO.java . . . 184
ServerB/src/main/java/com/deusto/dtos/ReserveDTO.java . . . 184
ServerB/src/main/java/com/deusto/forms/email/EmailField.java . . . 194
ServerB/src/main/java/com/deusto/forms/email/RegistrForm.java . . . 194
ServerB/src/main/java/com/deusto/models/Address.java . . . 186
ServerB/src/main/java/com/deusto/models/Book.java . . . 186
ServerB/src/main/java/com/deusto/models/Registr.java . . . 187
ServerB/src/main/java/com/deusto/models/Reserve.java . . . 187
ServerB/src/main/java/com/deusto/models/User.java . . . 188
ServerB/src/main/java/com/deusto/repositories/AddressRepository.java . . . 194
ServerB/src/main/java/com/deusto/repositories/BookRepository.java . . . 195
ServerB/src/main/java/com/deusto/repositories/RegistrRepository.java . . . 195
ServerB/src/main/java/com/deusto/repositories/ReserveRepository.java . . . 195
ServerB/src/main/java/com/deusto/repositories/UserRepository.java . . . 195
ServerB/src/main/java/com/deusto/security/AuthenticationService.java . . . 196
ServerB/src/main/java/com/deusto/security/AuthenticationTokenFilter.java . . . 188
ServerB/src/main/java/com/deusto/security/EntryPointUnauthorizedHandler.java . . . 189
ServerB/src/main/java/com/deusto/security/SecurityUser.java . . . 189
ServerB/src/main/java/com/deusto/security/TokenUtils.java . . . 190
ServerB/src/main/java/com/deusto/security/UserDetailsServiceImpl.java . . . 196
ServerB/src/main/java/com/deusto/services/BookService.java . . . 196
ServerB/src/main/java/com/deusto/services/RegistrService.java . . . 197
ServerB/src/main/java/com/deusto/services/ReserveService.java . . . 197
ServerB/src/main/java/com/deusto/services/UserService.java . . . 197
ServerB/src/main/java/com/deusto/services/mail/EmailService.java . . . 196
ServerB/src/main/java/com/deusto/services/template/FreeMarkerService.java . . . 197
ServerB/src/main/resources/db/changes/firstChangeSet.js . . . 198
ServerB/src/test/java/com/deusto/integration/test/BookControllerITest.java . . . 198
ServerB/src/test/java/com/deusto/integration/test/IndexControllerITest.java . . . 198
ServerB/src/test/java/com/deusto/integration/test/LoginControllerITest.java . . . 199
ServerB/src/test/java/com/deusto/integration/test/RegistrControllerITest.java . . . 199
ServerB/src/test/java/com/deusto/integration/test/ReserveControllerITest.java . . . 199
ServerB/src/test/java/com/deusto/integration/test/UserControllerITest.java . . . 199
ServerB/src/test/java/com/deusto/integration/test/common/AbstractIT.java . . . 191
ServerB/src/test/java/com/deusto/unit/test/builders/AddressBuilderUTest.java . . . 200
ServerB/src/test/java/com/deusto/unit/test/builders/BookBuilderUTest.java . . . 200
ServerB/src/test/java/com/deusto/unit/test/builders/RegistrBuilderUTest.java . . . 200
ServerB/src/test/java/com/deusto/unit/test/builders/UserBuilderUTest.java . . . 200
ServerB/src/test/java/com/deusto/unit/test/common/AbstractUT.java . . . 201
ServerB/src/test/java/com/deusto/unit/test/dtos/AddressDTOUTest.java . . . 201
ServerB/src/test/java/com/deusto/unit/test/dtos/BookDTOUTest.java . . . 201
ServerB/src/test/java/com/deusto/unit/test/dtos/LoginDTOUTest.java . . . 201
ServerB/src/test/java/com/deusto/unit/test/dtos/PersonDTOUTest.java . . . 202
ServerB/src/test/java/com/deusto/unit/test/dtos/RegistrDTOUTest.java . . . 202
ServerB/src/test/java/com/deusto/unit/test/forms/RegistrFormUTest.java . . . 202
ServerB/src/test/java/com/deusto/unit/test/repositories/BookRepositoryUTest.java . . . 202
ServerB/src/test/java/com/deusto/unit/test/repositories/RegistrRepostoryUTest.java . . . 203
ServerB/src/test/java/com/deusto/unit/test/repositories/UserRepositoryUTest.java . . . 203
ServerB/src/test/java/com/deusto/unit/test/services/AuthenticationServiceUTest.java . . . 203
ServerB/src/test/java/com/deusto/unit/test/services/BookServiceUTest.java . . . 203
ServerB/src/test/java/com/deusto/unit/test/services/RegistrServiceUTest.java . . . 204

ServerB/src/test/java/com/deusto/unit/test/services/UserServiceUTest.java 204
ServerB/target/classes/db/changes/firstChangeSet.js 198

Chapter 6

Namespace Documentation

6.1 Package com

Packages

- package deusto

6.2 Package com.deusto

Packages

- package builders
- package controllers
- package dtos
- package forms
- package integration
- package models
- package repositories
- package security
- package services
- package unit

Classes

- class BookitApplication
- class SwaggerConfigs
- class WebSecurityConfigs

6.3 Package com.deusto.builders

Packages

- package mail

Classes

- class AddressBuilder
- class BookBuilder
- class RegistrBuilder
- class ReserveBuilder
- class UserBuilder

6.4 Package com.deusto.builders.mail

Classes

- class Email

6.5 Package com.deusto.controllers

Classes

- class BookController
- class IndexController
- class LoginController
- class RegistrController
- class ReserveController

6.6 Package com.deusto.dtos

Classes

- class AddressDTO
- class BookDTO
- class FilterDTO
- class LoginDTO
- class PersonDTO
- class RegistrDTO
- class ReserveDTO

6.7 Package com.deusto.forms

Packages

- package email

6.8 Package com.deusto.forms.email

Classes

- interface EmailField
- class RegistrForm

6.9 Package com.deusto.integration

Packages

- package test

6.10 Package com.deusto.integration.test

Packages

- package common

Classes

- class BookControllerITest
- class IndexControllerITest
- class LoginControllerITest
- class RegistrControllerITest
- class ReserveControllerITest
- class UserControllerITest

6.11 Package com.deusto.integration.test.common

Classes

- class AbstractIT

6.12 Package com.deusto.models

Classes

- class Address
- class Book
- class Registr
- class Reserve
- class User

6.13 Package com.deusto.repositories

Classes

- interface AddressRepository
- interface BookRepository
- interface RegistrRepository
- interface ReserveRepository
- interface UserRepository

6.14 Package com.deusto.security

Classes

- class AuthenticationService
- class AuthenticationTokenFilter
- class EntryPointUnauthorizedHandler
- class SecurityUser
- class TokenUtils
- class UserDetailsServiceImpl

6.15 Package com.deusto.services

Packages

- package mail
- package template

Classes

- class BookService
- class RegistrService
- class ReserveService
- class UserService

6.16 Package com.deusto.services.mail

Classes

- class EmailService

6.17 Package com.deusto.services.template

Classes

- class FreeMarkerService

6.18 Package com.deusto.unit

Packages

- package test

6.19 Package com.deusto.unit.test

Packages

- package builders
- package common
- package dtos
- package forms
- package repositories
- package services

6.20 Package com.deusto.unit.test.builders

Classes

- class AddressBuilderUTest
- class BookBuilderUTest
- class RegistrBuilderUTest
- class UserBuilderUTest

6.21 Package com.deusto.unit.test.common

Classes

- class AbstractUT

6.22 Package com.deusto.unit.test.dtos

Classes

- class AddressDTOUTest
- class BookDTOUTest
- class LoginDTOUTest
- class PersonDTOUTest
- class RegistrDTOUTest

6.23 Package com.deusto.unit.test.forms

Classes

- class RegistrFormUTest

6.24 Package com.deusto.unit.test.repositories

Classes

- class BookRepositoryUTest
- class RegistrRepostoryUTest
- class UserRepositoryUTest

6.25 Package com.deusto.unit.test.services

Classes

- class AuthenticationServiceUTest
- class BookServiceUTest
- class RegistrServiceUTest
- class UserServiceUTest

6.26 Package org

Packages

- package ClientP
- package dtos
- package GUI
- package models
- package security
- package test

6.27 Package org.ClientP

Classes

- class Application

6.28 Package org.dtos

Classes

- class AddressDTO
- class BookDTO
- class FilterDTO
- class LoginDTO
- class PersonDTO
- class RegistrDTO
- class ReserveDTO

6.29 Package org.GUI

Classes

- class **BackgroundBooking**
- class **BackgroundLogin**
- class Booking
- class Login
- class Register

6.30 Package org.models

Classes

- class Address
- class Book
- class Registr
- class Reserve
- class Token
- class User

6.31 Package org.security

Classes

- class AuthenticationTokenFilter
- class EntryPointUnauthorizedHandler
- class SecurityUser
- class TokenUtils

6.32 Package org.test

Packages

- package common

Classes

- class AppTest

6.33 Package org.test.common

Classes

- class AbstractIt

Chapter 7

Class Documentation

7.1 org.test.common.AbstractIt Class Reference

Public Attributes

- MongoDbRule remoteMongoDbRule

Protected Attributes

- MockMvc mvc
- Environment env

7.1.1 Member Data Documentation

7.1.1.1 env

```
Environment org.test.common.AbstractIt.env  [protected]
```

7.1.1.2 mvc

```
MockMvc org.test.common.AbstractIt.mvc  [protected]
```

7.1.1.3 remoteMongoDbRule

```
MongoDbRule org.test.common.AbstractIt.remoteMongoDbRule
```

Initial value:

```
= new MongoDbRule(
            mongoDb().databaseName("bookit_testdb").build()
    )
```

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

- ClientB/src/test/java/org/test/common/AbstractIt.java

7.2 com.deusto.integration.test.common.AbstractIT Class Reference

Inheritance diagram for com.deusto.integration.test.common.AbstractIT:

Public Attributes

- MongoDbRule remoteMongoDbRule

Protected Attributes

- MockMvc mvc
- Environment env

7.2.1 Member Data Documentation

7.2.1.1 env

```
Environment com.deusto.integration.test.common.AbstractIT.env  [protected]
```

7.2.1.2 mvc

```
MockMvc com.deusto.integration.test.common.AbstractIT.mvc  [protected]
```

7.2.1.3 remoteMongoDbRule

`MongoDbRule com.deusto.integration.test.common.AbstractIT.remoteMongoDbRule`

Initial value:

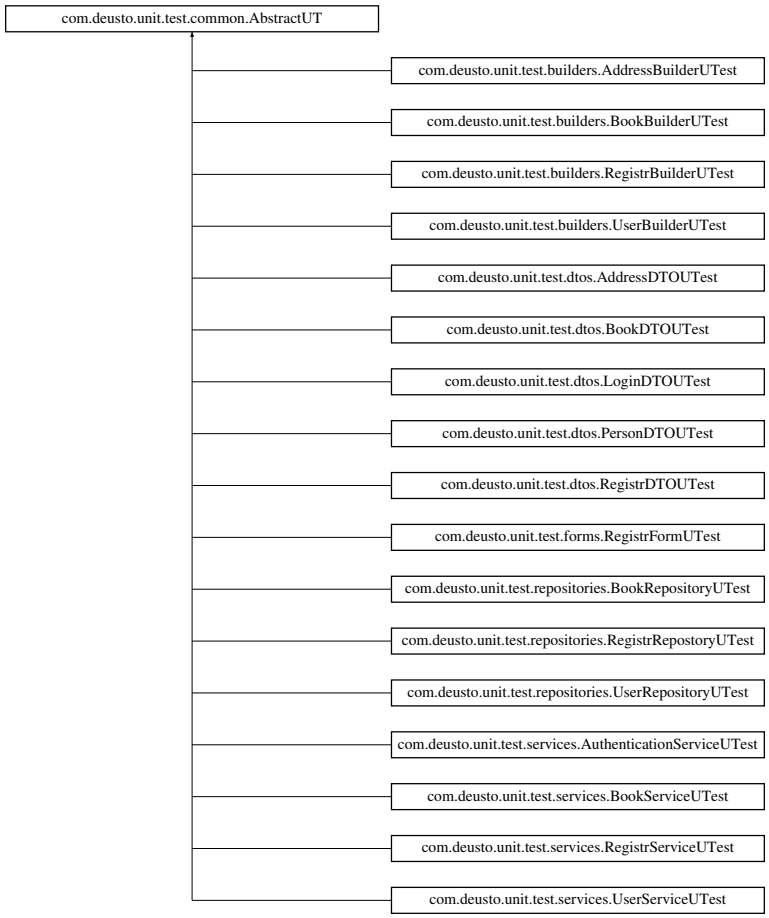
```
= new MongoDbRule(
            mongoDb().databaseName("bookit_testdb").build()
    )
```

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

- ServerB/src/test/java/com/deusto/integration/test/common/AbstractIT.java

7.3 com.deusto.unit.test.common.AbstractUT Class Reference

Inheritance diagram for com.deusto.unit.test.common.AbstractUT:



Public Member Functions

- void setup ()

Static Public Member Functions

- static< T > Set< ConstraintViolation< T > > validate (T obj)

Public Attributes

- MongoDbRule remoteMongoDbRule

Protected Attributes

- Environment env
- AuthenticationService authenticationService
- BookService bookService
- RegistrService registrService
- UserService userService
- BookRepository bookRepository
- RegistrRepository registrRepository
- UserRepository userRepository

Static Protected Attributes

- static Validator validator

7.3.1 Member Function Documentation

7.3.1.1 setup()

```
void com.deusto.unit.test.common.AbstractUT.setup ( )
```

7.3.1.2 validate()

```
static <T> Set<ConstraintViolation<T> > com.deusto.unit.test.common.AbstractUT.validate (
            T obj )  [static]
```

7.3.2 Member Data Documentation

7.3.2.1 authenticationService

```
AuthenticationService com.deusto.unit.test.common.AbstractUT.authenticationService  [protected]
```

7.3.2.2 bookRepository

```
BookRepository com.deusto.unit.test.common.AbstractUT.bookRepository  [protected]
```

7.3.2.3 bookService

```
BookService com.deusto.unit.test.common.AbstractUT.bookService  [protected]
```

7.3.2.4 env

```
Environment com.deusto.unit.test.common.AbstractUT.env  [protected]
```

7.3.2.5 registrRepository

```
RegistrRepository com.deusto.unit.test.common.AbstractUT.registrRepository  [protected]
```

7.3.2.6 registrService

```
RegistrService com.deusto.unit.test.common.AbstractUT.registrService  [protected]
```

7.3.2.7 remoteMongoDbRule

```
MongoDbRule com.deusto.unit.test.common.AbstractUT.remoteMongoDbRule
```

Initial value:

```
= new MongoDbRule(
            mongoDb().databaseName("bookit_testdb").build()
    )
```

7.3.2.8 userRepository

```
UserRepository com.deusto.unit.test.common.AbstractUT.userRepository  [protected]
```

7.3.2.9 userService

```
UserService com.deusto.unit.test.common.AbstractUT.userService  [protected]
```

7.3.2.10 validator

```
Validator com.deusto.unit.test.common.AbstractUT.validator  [static], [protected]
```

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

- ServerB/src/test/java/com/deusto/unit/test/common/AbstractUT.java

7.4 com.deusto.models.Address Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getStreet ()
- void setStreet (String street)
- Integer getHouseNumber ()
- void setHouseNumber (Integer houseNumber)
- Integer getApartamentNumber ()
- void setApartamentNumber (Integer apartamentNumber)
- String getPostalCode ()
- void setPostalCode (String postalCode)
- String getCity ()
- void setCity (String city)
- String getCountry ()
- void setCountry (String country)

7.4.1 Detailed Description

This class is a model of the database document, used to store an address.

7.4.2 Member Function Documentation

7.4.2.1 getApartamentNumber()

```
Integer com.deusto.models.Address.getApartamentNumber ( )
```

Gets the apartment number

Returns

apartmentNumber Integer

7.4.2.2 getCity()

```
String com.deusto.models.Address.getCity ( )
```

Gets the city in address

Returns

city String

7.4.2.3 getCountry()

```
String com.deusto.models.Address.getCountry ( )
```

Gets the country from address

Returns

value

7.4.2.4 getHouseNumber()

```
Integer com.deusto.models.Address.getHouseNumber ( )
```

Gets the house number

Returns

houseNumber Integer

7.4.2.5 getId()

```
String com.deusto.models.Address.getId ( )
```

Gets the ID of the addres

Returns

String id of the address

7.4.2.6 getPostalCode()

```
String com.deusto.models.Address.getPostalCode ( )
```

Gets the postal code in address

Returns

postalCode String

7.4.2.7 getStreet()

```
String com.deusto.models.Address.getStreet ( )
```

Gets the street in address

Returns

String street address

7.4.2.8 setApartamentNumber()

```
void com.deusto.models.Address.setApartamentNumber (
            Integer apartamentNumber )
```

Sets the apartment number in address

Parameters

apartamentNumber	Integer

7.4.2.9 setCity()

```
void com.deusto.models.Address.setCity (
            String city )
```

Sets the city in address

Parameters

city	String

7.4.2.10 setCountry()

```
void com.deusto.models.Address.setCountry (
            String country )
```

Sets the country in address

Parameters

country	String

7.4.2.11 setHouseNumber()

```
void com.deusto.models.Address.setHouseNumber (
            Integer houseNumber )
```

Sets the house number in address

Parameters

houseNumber	Integer

7.4.2.12 setId()

```
void com.deusto.models.Address.setId (
            String id )
```

Sets the id of the address

Parameters

id	String

7.4.2.13 setPostalCode()

```
void com.deusto.models.Address.setPostalCode (
            String postalCode )
```

Sets the postal code in address

Parameters

postalCode	String

7.4.2.14 setStreet()

```
void com.deusto.models.Address.setStreet (
            String street )
```

Sets the street in address

Parameters

street	String

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

- ServerB/src/main/java/com/deusto/models/Address.java

7.5 org.models.Address Class Reference

Public Member Functions

- Address ()
- Address (String street, int houseNumber, int apartamentNumber, String postalCode, String city, String country)
- String getId ()
- void setId (String id)
- String getStreet ()
- void setStreet (String street)
- int getHouseNumber ()

- void setHouseNumber (int houseNumber)
- int getApartamentNumber ()
- void setApartamentNumber (int apartamentNumber)
- String getPostalCode ()
- void setPostalCode (String postalCode)
- String getCity ()
- void setCity (String city)
- String getCountry ()
- void setCountry (String country)

7.5.1 Constructor & Destructor Documentation

7.5.1.1 Address() [1/2]

```
org.models.Address.Address ( )
```

7.5.1.2 Address() [2/2]

```
org.models.Address.Address (
            String street,
            int houseNumber,
            int apartamentNumber,
            String postalCode,
            String city,
            String country )
```

7.5.2 Member Function Documentation

7.5.2.1 getApartamentNumber()

```
int org.models.Address.getApartamentNumber ( )
```

7.5.2.2 getCity()

```
String org.models.Address.getCity ( )
```

7.5.2.3 getCountry()

```
String org.models.Address.getCountry ( )
```

7.5.2.4 getHouseNumber()

```
int org.models.Address.getHouseNumber ( )
```

7.5.2.5 getId()

```
String org.models.Address.getId ( )
```

7.5.2.6 getPostalCode()

```
String org.models.Address.getPostalCode ( )
```

7.5.2.7 getStreet()

```
String org.models.Address.getStreet ( )
```

7.5.2.8 setApartamentNumber()

```
void org.models.Address.setApartamentNumber (
            int apartamentNumber )
```

7.5.2.9 setCity()

```
void org.models.Address.setCity (
            String city )
```

7.5.2.10 setCountry()

```
void org.models.Address.setCountry (
            String country )
```

7.5.2.11 setHouseNumber()

```
void org.models.Address.setHouseNumber (
            int houseNumber )
```

7.5.2.12 setId()

```
void org.models.Address.setId (
            String id )
```

7.5.2.13 setPostalCode()

```
void org.models.Address.setPostalCode (
            String postalCode )
```

7.5.2.14 setStreet()

```
void org.models.Address.setStreet (
            String street )
```

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

- ClientB/src/main/java/org/models/Address.java

7.6 com.deusto.builders.AddressBuilder Class Reference

Public Member Functions

- AddressBuilder country (String country)
- AddressBuilder city (String city)
- AddressBuilder street (String street)
- AddressBuilder postalCode (String postalCode)
- AddressBuilder houseNumber (Integer houseNumeber)
- AddressBuilder apartamentNumber (Integer apartmentNumber)
- Address build ()

Static Public Member Functions

- static AddressBuilder builder ()
- static Address get (AddressDTO addressDTO)

7.6.1 Detailed Description

AddressBuilder class is used for building an Address object

7.6.2 Member Function Documentation

7.6.2.1 apartamentNumber()

```
AddressBuilder com.deusto.builders.AddressBuilder.apartamentNumber (
            Integer apartmentNumber )
```

Builds the apartment number in address

Parameters

apartmentNumber	String

Returns

itself

7.6.2.2 build()

```
Address com.deusto.builders.AddressBuilder.build ( )
```

Returns the build address

Returns

an address object

7.6.2.3 builder()

```
static AddressBuilder com.deusto.builders.AddressBuilder.builder ( )  [static]
```

Creates a builder object

Returns

new builder object

7.6.2.4 city()

```
AddressBuilder com.deusto.builders.AddressBuilder.city (
            String city )
```

Builds the city in address

Parameters

city	String

Returns

itself

7.6.2.5 country()

```
AddressBuilder com.deusto.builders.AddressBuilder.country (
            String country )
```

Builds the country in address

Parameters

country	String

Returns

itself

7.6.2.6 get()

```
static Address com.deusto.builders.AddressBuilder.get (
            AddressDTO addressDTO )  [static]
```

Gets an Address object from a DTO object

Parameters

addressDTO	AddressDTO

Returns

an address object

7.6.2.7 houseNumber()

```
AddressBuilder com.deusto.builders.AddressBuilder.houseNumber (
            Integer houseNumeber )
```

Builds the house number in address

Parameters

houseNumeber	String

Returns

itself

7.6.2.8 postalCode()

```
AddressBuilder com.deusto.builders.AddressBuilder.postalCode (
            String postalCode )
```

Builds the postal code in address

Parameters

postalCode	String

Returns

itself

7.6.2.9 street()

```
AddressBuilder com.deusto.builders.AddressBuilder.street (
            String street )
```

Builds the street in address

Parameters

street	String

Returns

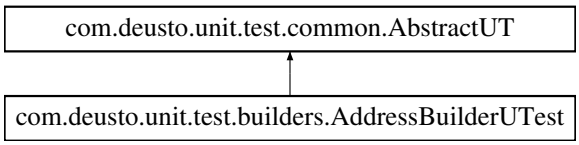
itself

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

- ServerB/src/main/java/com/deusto/builders/AddressBuilder.java

7.7 com.deusto.unit.test.builders.AddressBuilderUTest Class Reference

Inheritance diagram for com.deusto.unit.test.builders.AddressBuilderUTest:



Public Member Functions

- void validAdderessBuilder ()
- void validAdderessBuilderMethodStyle ()

Additional Inherited Members

7.7.1 Member Function Documentation

7.7.1.1 validAdderessBuilder()

```
void com.deusto.unit.test.builders.AddressBuilderUTest.validAdderessBuilder ( )
```

7.7.1.2 validAdderessBuilderMethodStyle()

```
void com.deusto.unit.test.builders.AddressBuilderUTest.validAdderessBuilderMethodStyle ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/builders/AddressBuilderUTest.java

7.8 com.deusto.dtos.AddressDTO Class Reference

Public Member Functions

- Integer getHouseNumber ()
- void setHouseNumber (Integer houseNumber)
- Integer getApartamentNumber ()
- void setApartamentNumber (Integer apartamentNumber)
- String getCountry ()
- void setCountry (String country)
- String getCity ()
- void setCity (String city)
- String getStreet ()
- void setStreet (String street)
- String getPostalCode ()
- void setPostalCode (String postalCode)

7.8.1 Detailed Description

AddressDTO class is used for creating Adress Objects. It is intended to provide it's data to build an Address object.

7.8.2 Member Function Documentation

7.8.2.1 getApartamentNumber()

```
Integer com.deusto.dtos.AddressDTO.getApartamentNumber ( )
```

Gets the apartment number

Returns

apartmentNumber Integer

7.8.2.2 getCity()

```
String com.deusto.dtos.AddressDTO.getCity ( )
```

Gets the city in address

Returns

city String

7.8.2.3 getCountry()

```
String com.deusto.dtos.AddressDTO.getCountry ( )
```

Gets the country from address

Returns

value

7.8.2.4 getHouseNumber()

```
Integer com.deusto.dtos.AddressDTO.getHouseNumber ( )
```

Gets the house number

Returns

houseNumber Integer

7.8.2.5 getPostalCode()

```
String com.deusto.dtos.AddressDTO.getPostalCode ( )
```

Gets the postal code in address

Returns

postalCode String

7.8.2.6 getStreet()

```
String com.deusto.dtos.AddressDTO.getStreet ( )
```

Gets the street in address

Returns

String street address

7.8.2.7 setApartamentNumber()

```
void com.deusto.dtos.AddressDTO.setApartamentNumber (
            Integer apartamentNumber )
```

Sets the apartment number in address

Parameters

apartamentNumber	Integer

7.8.2.8 setCity()

```
void com.deusto.dtos.AddressDTO.setCity (
            String city )
```

Sets the city in address

Parameters

city	String

7.8.2.9 setCountry()

```
void com.deusto.dtos.AddressDTO.setCountry (
            String country )
```

Sets the country in address

Parameters

country	String

7.8.2.10 setHouseNumber()

```
void com.deusto.dtos.AddressDTO.setHouseNumber (
            Integer houseNumber )
```

Sets the house number in address

Parameters

houseNumber	Integer

7.8.2.11 setPostalCode()

```
void com.deusto.dtos.AddressDTO.setPostalCode (
            String postalCode )
```

Sets the postal code in address

Parameters

postalCode	String

7.8.2.12 setStreet()

```
void com.deusto.dtos.AddressDTO.setStreet (
            String street )
```

Sets the street in address

Parameters

street	String

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

- ServerB/src/main/java/com/deusto/dtos/AddressDTO.java

7.9 org.dtos.AddressDTO Class Reference

Public Member Functions

- Integer getHouseNumber ()
- void setHouseNumber (Integer houseNumber)
- Integer getApartamentNumber ()
- void setApartamentNumber (Integer apartamentNumber)
- String getCountry ()
- void setCountry (String country)
- String getCity ()
- void setCity (String city)
- String getStreet ()
- void setStreet (String street)
- String getPostalCode ()
- void setPostalCode (String postalCode)

7.9.1 Member Function Documentation

7.9.1.1 getApartamentNumber()

```
Integer org.dtos.AddressDTO.getApartamentNumber ( )
```

7.9.1.2 getCity()

```
String org.dtos.AddressDTO.getCity ( )
```

7.9.1.3 getCountry()

```
String org.dtos.AddressDTO.getCountry ( )
```

7.9.1.4 getHouseNumber()

```
Integer org.dtos.AddressDTO.getHouseNumber ( )
```

7.9.1.5 getPostalCode()

```
String org.dtos.AddressDTO.getPostalCode ( )
```

7.9.1.6 getStreet()

```
String org.dtos.AddressDTO.getStreet ( )
```

7.9.1.7 setApartamentNumber()

```
void org.dtos.AddressDTO.setApartamentNumber (
            Integer apartamentNumber )
```

7.9.1.8 setCity()

```
void org.dtos.AddressDTO.setCity (
            String city )
```

7.9.1.9 setCountry()

```
void org.dtos.AddressDTO.setCountry (
            String country )
```

7.9.1.10 setHouseNumber()

```
void org.dtos.AddressDTO.setHouseNumber (
            Integer houseNumber )
```

7.9.1.11 setPostalCode()

```
void org.dtos.AddressDTO.setPostalCode (
            String postalCode )
```

7.9.1.12 setStreet()

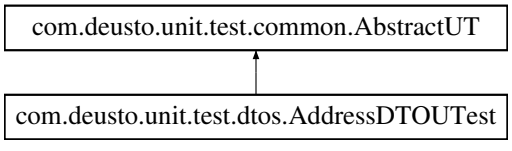
```
void org.dtos.AddressDTO.setStreet (
            String street )
```

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

- ClientB/src/main/java/org/dtos/AddressDTO.java

7.10 com.deusto.unit.test.dtos.AddressDTOUTest Class Reference

Inheritance diagram for com.deusto.unit.test.dtos.AddressDTOUTest:



Public Member Functions

- void validBookDTO ()

Additional Inherited Members

7.10.1 Member Function Documentation

7.10.1.1 validBookDTO()

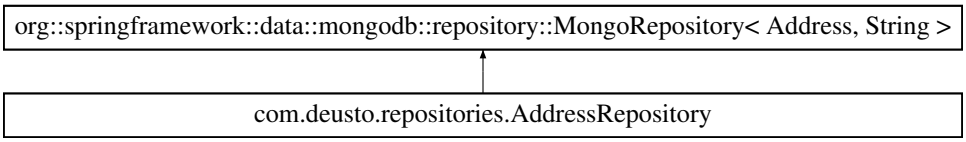
```
void com.deusto.unit.test.dtos.AddressDTOUTest.validBookDTO ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/dtos/AddressDTOUTest.java

7.11 com.deusto.repositories.AddressRepository Interface Reference

Inheritance diagram for com.deusto.repositories.AddressRepository:



7.11.1 Detailed Description

AddressRepository class saves the created Address objects in a mongo repository. It exposes basic CRUD operations.

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

- ServerB/src/main/java/com/deusto/repositories/AddressRepository.java

7.12 org.ClientP.Application Class Reference

Public Member Functions

- HttpEntity startConnectionGet (String url) throws ClientProtocolException, IOException
- HttpEntity getBooksFilter (FilterDTO filter) throws ClientProtocolException, IOException
- void registr1 (RegistrDTO registr) throws ClientProtocolException, IOException
- void registr2 (User user) throws ClientProtocolException, IOException
- HttpEntity login (LoginDTO login) throws ClientProtocolException, IOException
- Token getToken (HttpEntity entity) throws IOException
- void reserve (ReserveDTO reserv) throws JsonGenerationException, JsonMappingException, IOException
- ArrayList< Book > getBooks (HttpEntity entity) throws JsonParseException, JsonMappingException, IO↩ Exception

Static Public Member Functions

- static final void main (String[] args) throws ClientProtocolException, IOException

7.12.1 Member Function Documentation

7.12.1.1 getBooks()

```
ArrayList<Book> org.ClientP.Application.getBooks (
            HttpEntity entity ) throws JsonParseException, JsonMappingException, IOException
```

7.12.1.2 getBooksFilter()

```
HttpEntity org.ClientP.Application.getBooksFilter (
            FilterDTO filter ) throws ClientProtocolException, IOException
```

7.12.1.3 getToken()

```
Token org.ClientP.Application.getToken (
            HttpEntity entity ) throws IOException
```

7.12.1.4 login()

```
HttpEntity org.ClientP.Application.login (
            LoginDTO login ) throws ClientProtocolException, IOException
```

7.12.1.5 main()

```
static final void org.ClientP.Application.main (
            String [] args ) throws ClientProtocolException, IOException  [static]
```

7.12.1.6 registr1()

```
void org.ClientP.Application.registr1 (
            RegistrDTO registr ) throws ClientProtocolException, IOException
```

7.12.1.7 registr2()

```
void org.ClientP.Application.registr2 (
            User user ) throws ClientProtocolException, IOException
```

7.12.1.8 reserve()

```
void org.ClientP.Application.reserve (
            ReserveDTO reserv ) throws JsonGenerationException, JsonMappingException, IO↩
Exception
```

7.12.1.9 startConnectionGet()

```
HttpEntity org.ClientP.Application.startConnectionGet (
            String url ) throws ClientProtocolException, IOException
```

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

- ClientB/src/main/java/org/ClientP/Application.java

7.13 org.test.AppTest Class Reference

Public Member Functions

- void getAllBooksFilter () throws Exception
- void findAll () throws Exception

7.13.1 Member Function Documentation

7.13.1.1 findAll()

```
void org.test.AppTest.findAll ( ) throws Exception
```

7.13.1.2 getAllBooksFilter()

```
void org.test.AppTest.getAllBooksFilter ( ) throws Exception
```

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

- ClientB/src/test/java/org/test/AppTest.java

7.14 com.deusto.security.AuthenticationService Class Reference

Public Member Functions

- ResponseEntity authentication (LoginDTO loginDTO)
- SecurityUser getUserFromRequest ()

7.14.1 Member Function Documentation

7.14.1.1 authentication()

```
ResponseEntity com.deusto.security.AuthenticationService.authentication (
            LoginDTO loginDTO )
```

7.14.1.2 getUserFromRequest()

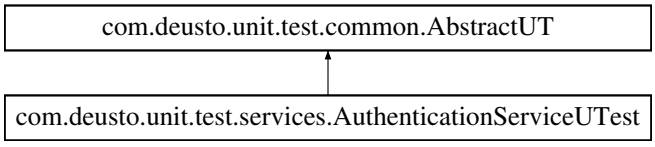
```
SecurityUser com.deusto.security.AuthenticationService.getUserFromRequest ( )
```

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

- ServerB/src/main/java/com/deusto/security/AuthenticationService.java

7.15 com.deusto.unit.test.services.AuthenticationServiceUTest Class Reference

Inheritance diagram for com.deusto.unit.test.services.AuthenticationServiceUTest:



Public Member Functions

- void authenticate ()

Additional Inherited Members

7.15.1 Member Function Documentation

7.15.1.1 authenticate()

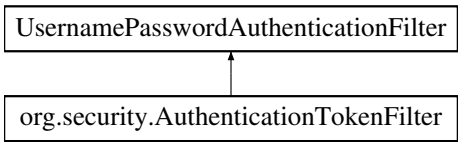
```
void com.deusto.unit.test.services.AuthenticationServiceUTest.authenticate ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/services/AuthenticationServiceUTest.java

7.16 org.security.AuthenticationTokenFilter Class Reference

Inheritance diagram for org.security.AuthenticationTokenFilter:



Public Member Functions

- void doFilter (ServletRequest request, ServletResponse response, FilterChain chain) throws IOException, ServletException

7.16.1 Member Function Documentation

7.16.1.1 doFilter()

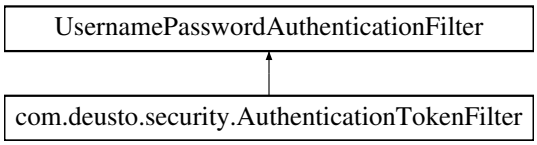
```
void org.security.AuthenticationTokenFilter.doFilter (
            ServletRequest request,
            ServletResponse response,
            FilterChain chain ) throws IOException, ServletException
```

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

- ClientB/src/main/java/org/security/AuthenticationTokenFilter.java

7.17 com.deusto.security.AuthenticationTokenFilter Class Reference

Inheritance diagram for com.deusto.security.AuthenticationTokenFilter:



Public Member Functions

- void doFilter (ServletRequest request, ServletResponse response, FilterChain chain) throws IOException, ServletException

7.17.1 Member Function Documentation

7.17.1.1 doFilter()

```
void com.deusto.security.AuthenticationTokenFilter.doFilter (
            ServletRequest request,
            ServletResponse response,
            FilterChain chain ) throws IOException, ServletException
```

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

- ServerB/src/main/java/com/deusto/security/AuthenticationTokenFilter.java

7.18 com.deusto.models.Book Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getTitle ()
- void setTitle (String title)
- String getAuthorFirstName ()
- void setAuthorFirstName (String authorFirstName)
- String getAuthorLastName ()
- void setAuthorLastName (String authorLastName)
- String getGenre ()
- void setGenre (String genre)
- String getDescription ()
- void setDescription (String description)
- Long getPublishDate ()

- void setPublishDate (Long publishDate)
- Integer getPages ()
- void setPages (Integer pages)
- Integer getAgeLimit ()
- void setAgeLimit (Integer ageLimit)
- Integer getCount ()
- void setCount (Integer count)
- List< String > getTags ()
- void setTags (List< String > tags)
- Book decrementCount ()

7.18.1 Detailed Description

This class is a model of the database document, used to store a book.

7.18.2 Member Function Documentation

7.18.2.1 decrementCount()

```
Book com.deusto.models.Book.decrementCount ( )
```

7.18.2.2 getAgeLimit()

```
Integer com.deusto.models.Book.getAgeLimit ( )
```

Gets the age limit of the book

Returns

ageLimit Integr

7.18.2.3 getAuthorFirstName()

```
String com.deusto.models.Book.getAuthorFirstName ( )
```

Gets the author of the book

Returns

author String

7.18.2.4 getAuthorLastName()

```
String com.deusto.models.Book.getAuthorLastName ( )
```

Gets the author last name of the book

Returns

authorLastName String

7.18.2.5 getCount()

```
Integer com.deusto.models.Book.getCount ( )
```

Gets the number of copies available of the book

Returns

count Integer

7.18.2.6 getDescription()

```
String com.deusto.models.Book.getDescription ( )
```

Gets the description of the book

Returns

description String

7.18.2.7 getGenre()

```
String com.deusto.models.Book.getGenre ( )
```

Gets the genre of the book

Returns

genre String

7.18.2.8 getId()

```
String com.deusto.models.Book.getId ( )
```

Gets the id of the book

Returns

id String

7.18.2.9 getPages()

```
Integer com.deusto.models.Book.getPages ( )
```

Gets the number of pages of the book

Returns

pages String

7.18.2.10 getPublishDate()

```
Long com.deusto.models.Book.getPublishDate ( )
```

Gets the publish date of the book

Returns

publishDate String

7.18.2.11 getTags()

```
List<String> com.deusto.models.Book.getTags ( )
```

Gets the tags of the book

Returns

tags List(String)

7.18.2.12 getTitle()

```
String com.deusto.models.Book.getTitle ( )
```

Gets the title of the book

Returns

title String

7.18.2.13 setAgeLimit()

```
void com.deusto.models.Book.setAgeLimit (
            Integer ageLimit )
```

Sets the ageLimit of the book

Parameters

ageLimit	Integer

7.18.2.14 setAuthorFirstName()

```
void com.deusto.models.Book.setAuthorFirstName (
            String authorFirstName )
```

Sets the authorFirstName of the book

Parameters

authorFirstName	String

7.18.2.15 setAuthorLastName()

```
void com.deusto.models.Book.setAuthorLastName (
            String authorLastName )
```

Sets the authorLastName of the book

Parameters

authorLastName	String

7.18.2.16 setCount()

```
void com.deusto.models.Book.setCount (
            Integer count )
```

Sets the count of the book

Parameters

count	Integer

7.18.2.17 setDescription()

```
void com.deusto.models.Book.setDescription (
            String description )
```

Sets the description of the book

Parameters

description	String

7.18.2.18 setGenre()

```
void com.deusto.models.Book.setGenre (
            String genre )
```

Sets the genre of the book

Parameters

genre	String

7.18.2.19 setId()

```
void com.deusto.models.Book.setId (
            String id )
```

Sets the id of the book

Parameters

id	String

7.18.2.20 setPages()

```
void com.deusto.models.Book.setPages (
            Integer pages )
```

Sets the pages of the book

Parameters

pages	Integer

7.18.2.21 setPublishDate()

```
void com.deusto.models.Book.setPublishDate (
            Long publishDate )
```

Sets the publishDate of the book

Parameters

publishDate	Long

7.18.2.22 setTags()

```
void com.deusto.models.Book.setTags (
            List< String > tags )
```

Sets the tags of the book

Parameters

tags	List(String)

7.18.2.23 setTitle()

```
void com.deusto.models.Book.setTitle (
            String title )
```

Sets the title of the book

Parameters

title	String

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

- ServerB/src/main/java/com/deusto/models/Book.java

7.19 org.models.Book Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getTitle ()
- void setTitle (String title)
- String getAuthorFirstName ()
- void setAuthorFirstName (String authorFirstName)
- String getAuthorLastName ()
- void setAuthorLastName (String authorLastName)
- String getGenre ()
- void setGenre (String genre)
- String getDescription ()
- void setDescription (String description)
- Long getPublishDate ()
- void setPublishDate (Long publishDate)
- int getPages ()
- void setPages (int pages)
- int getAgeLimit ()
- void setAgeLimit (int ageLimit)
- int getCount ()
- void setCount (int count)
- List< String > getTags ()
- void setTags (List< String > tags)
- Book decrementCount ()

7.19.1 Member Function Documentation

7.19.1.1 decrementCount()

```
Book org.models.Book.decrementCount ( )
```

7.19.1.2 getAgeLimit()

```
int org.models.Book.getAgeLimit ( )
```

7.19.1.3 getAuthorFirstName()

```
String org.models.Book.getAuthorFirstName ( )
```

7.19.1.4 getAuthorLastName()

```
String org.models.Book.getAuthorLastName ( )
```

7.19.1.5 getCount()

```
int org.models.Book.getCount ( )
```

7.19.1.6 getDescription()

```
String org.models.Book.getDescription ( )
```

7.19.1.7 getGenre()

```
String org.models.Book.getGenre ( )
```

7.19.1.8 getId()

```
String org.models.Book.getId ( )
```

7.19.1.9 getPages()

```
int org.models.Book.getPages ( )
```

7.19.1.10 getPublishDate()

```
Long org.models.Book.getPublishDate ( )
```

7.19.1.11 getTags()

```
List<String> org.models.Book.getTags ( )
```

7.19.1.12 getTitle()

```
String org.models.Book.getTitle ( )
```

7.19.1.13 setAgeLimit()

```
void org.models.Book.setAgeLimit (
            int ageLimit )
```

7.19.1.14 setAuthorFirstName()

```
void org.models.Book.setAuthorFirstName (
            String authorFirstName )
```

7.19.1.15 setAuthorLastName()

```
void org.models.Book.setAuthorLastName (
            String authorLastName )
```

7.19.1.16 setCount()

```
void org.models.Book.setCount (
            int count )
```

7.19.1.17 setDescription()

```
void org.models.Book.setDescription (
            String description )
```

7.19.1.18 setGenre()

```
void org.models.Book.setGenre (
            String genre )
```

7.19.1.19 setId()

```
void org.models.Book.setId (
            String id )
```

7.19.1.20 setPages()

```
void org.models.Book.setPages (
            int pages )
```

7.19.1.21 setPublishDate()

```
void org.models.Book.setPublishDate (
            Long publishDate )
```

7.19.1.22 setTags()

```
void org.models.Book.setTags (
            List< String > tags )
```

7.19.1.23 setTitle()

```
void org.models.Book.setTitle (
            String title )
```

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

- ClientB/src/main/java/org/models/Book.java

7.20 com.deusto.builders.BookBuilder Class Reference

Public Member Functions

- BookBuilder title (String title)
- BookBuilder authorFirstName (String authorFirstName)
- BookBuilder authorLastName (String authorLastName)
- BookBuilder genre (String genre)
- BookBuilder description (String description)
- BookBuilder publishDate (Long publishDate)
- BookBuilder pages (Integer pages)
- BookBuilder ageLimit (Integer ageLimit)
- BookBuilder count (Integer count)
- BookBuilder tags (List< String > tags)
- Book build ()

Static Public Member Functions

- static BookBuilder builder ()
- static Book get (BookDTO bookDTO)

7.20.1 Detailed Description

BookBuilder class is used for building a Book object

7.20.2 Member Function Documentation

7.20.2.1 ageLimit()

```
BookBuilder com.deusto.builders.BookBuilder.ageLimit (
            Integer ageLimit )
```

Builds the publish date in book

Parameters

ageLimit	Integer

Returns

itself

7.20.2.2 authorFirstName()

```
BookBuilder com.deusto.builders.BookBuilder.authorFirstName (
            String authorFirstName )
```

Builds the atuthor first name in book

Parameters

authorFirstName	String

Returns

itself

7.20.2.3 authorLastName()

```
BookBuilder com.deusto.builders.BookBuilder.authorLastName (
            String authorLastName )
```

Builds the author last name in book

Parameters

authorLastName	String

Returns

itself

7.20.2.4 build()

```
Book com.deusto.builders.BookBuilder.build ( )
```

Returns the build address

Returns

a book object

7.20.2.5 builder()

```
static BookBuilder com.deusto.builders.BookBuilder.builder ( )  [static]
```

Creates a builder object

Returns

new builder object

7.20.2.6 count()

```
BookBuilder com.deusto.builders.BookBuilder.count (
            Integer count )
```

Builds the number of copies of the book

Parameters

count	Integer

Returns

itself

7.20.2.7 description()

```
BookBuilder com.deusto.builders.BookBuilder.description (
            String description )
```

Builds the description in book

Parameters

description	String

Returns

itself

7.20.2.8 genre()

```
BookBuilder com.deusto.builders.BookBuilder.genre (
            String genre )
```

Builds the genre in book

Parameters

genre	String

Returns

itself

7.20.2.9 get()

```
static Book com.deusto.builders.BookBuilder.get (
            BookDTO bookDTO )  [static]
```

Gets a Book object from a DTO object

Parameters

bookDTO	BookDTO

Returns

an book object

7.20.2.10 pages()

```
BookBuilder com.deusto.builders.BookBuilder.pages (
            Integer pages )
```

Builds the number of pages in book

Parameters

pages	Integer

Returns

itself

7.20.2.11 publishDate()

```
BookBuilder com.deusto.builders.BookBuilder.publishDate (
            Long publishDate )
```

Builds the publish date in book

Parameters

publishDate	Long

Returns

itself

7.20.2.12 tags()

```
BookBuilder com.deusto.builders.BookBuilder.tags (
            List< String > tags )
```

Builds the tages associated to this book

Parameters

tags	List(String)

Returns

itself

7.20.2.13 title()

```
BookBuilder com.deusto.builders.BookBuilder.title (
            String title )
```

Builds the title in book

Parameters

title	String

Returns

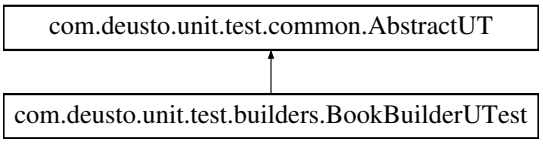
itself

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

- ServerB/src/main/java/com/deusto/builders/BookBuilder.java

7.21 com.deusto.unit.test.builders.BookBuilderUTest Class Reference

Inheritance diagram for com.deusto.unit.test.builders.BookBuilderUTest:



Public Member Functions

- void validBookBuilderUTest ()
- void validBookBuilderMethodStyle ()

Additional Inherited Members

7.21.1 Member Function Documentation

7.21.1.1 validBookBuilderMethodStyle()

```
void com.deusto.unit.test.builders.BookBuilderUTest.validBookBuilderMethodStyle ( )
```

7.21.1.2 validBookBuilderUTest()

```
void com.deusto.unit.test.builders.BookBuilderUTest.validBookBuilderUTest ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/builders/BookBuilderUTest.java

7.22 com.deusto.controllers.BookController Class Reference

Public Member Functions

- HttpEntity<?> getAllBooks ()
- HttpEntity<?> createBook (@RequestBody BookDTO bookDTO)
- HttpEntity<?> getBookById (@PathVariable String id)
- HttpEntity<?> getAllBooksFilter1 (@RequestBody FilterDTO filterDTO)

7.22.1 Detailed Description

Controller for mapping routes related to book. It is implements logic for returning all the books via GET method, create a book via POST, retrieve by ID using GET mapping as well as filtering by specific parameter using POST method.

7.22.2 Member Function Documentation

7.22.2.1 createBook()

```
HttpEntity<?> com.deusto.controllers.BookController.createBook (
            @RequestBody BookDTO bookDTO )
```

Creates a new book

Parameters

bookDTO	BookDTO

7.22.2.2 getAllBooks()

```
HttpEntity<?> com.deusto.controllers.BookController.getAllBooks ( )
```

Retreives all the books.

Returns

ResponseEntity

7.22.2.3 getAllBooksFilter1()

```
HttpEntity<?> com.deusto.controllers.BookController.getAllBooksFilter1 (
            @RequestBody FilterDTO filterDTO )
```

Get books depending on the sent parameter

Parameters

filterDTO	

Returns

7.22.2.4 getBookById()

```
HttpEntity<?> com.deusto.controllers.BookController.getBookById (
            @PathVariable String id )
```

Get book by id

Parameters

id	

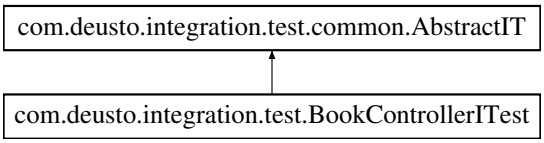
Returns

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

- ServerB/src/main/java/com/deusto/controllers/BookController.java

7.23 com.deusto.integration.test.BookControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.BookControllerITest:



Public Member Functions

- void getAllBooksFilter () throws Exception
- void findAll () throws Exception

Additional Inherited Members

7.23.1 Member Function Documentation

7.23.1.1 findAll()

```
void com.deusto.integration.test.BookControllerITest.findAll ( ) throws Exception
```

7.23.1.2 getAllBooksFilter()

```
void com.deusto.integration.test.BookControllerITest.getAllBooksFilter ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/integration/test/BookControllerITest.java

7.24 com.deusto.dtos.BookDTO Class Reference

Public Member Functions

- String getTitle ()
- void setTitle (String title)
- String getAuthorFirstName ()
- void setAuthorFirstName (String authorFirstName)
- String getAuthorLastName ()
- void setAuthorLastName (String authorLastName)
- String getGenre ()
- void setGenre (String genre)
- String getDescription ()
- void setDescription (String description)
- Long getPublishDate ()
- void setPublishDate (Long publishDate)
- Integer getPages ()
- void setPages (Integer pages)
- Integer getAgeLimit ()
- void setAgeLimit (Integer ageLimit)
- Integer getCount ()
- void setCount (Integer count)
- List< String > getTags ()
- void setTags (List< String > tags)

7.24.1 Detailed Description

BookDTO class is used for creating Book objects. It is intended to provide it's data to build an Book object.

7.24.2 Member Function Documentation

7.24.2.1 getAgeLimit()

```
Integer com.deusto.dtos.BookDTO.getAgeLimit ( )
```

Gets the age limit of the book

Returns

ageLimit Integr

7.24.2.2 getAuthorFirstName()

```
String com.deusto.dtos.BookDTO.getAuthorFirstName ( )
```

Gets the author of the book

Returns

author String

7.24.2.3 getAuthorLastName()

```
String com.deusto.dtos.BookDTO.getAuthorLastName ( )
```

Gets the author last name of the book

Returns

authorLastName String

7.24.2.4 getCount()

```
Integer com.deusto.dtos.BookDTO.getCount ( )
```

Gets the number of copies available of the book

Returns

count Integer

7.24.2.5 getDescription()

```
String com.deusto.dtos.BookDTO.getDescription ( )
```

Gets the description of the book

Returns

description String

7.24.2.6 getGenre()

```
String com.deusto.dtos.BookDTO.getGenre ( )
```

Gets the genre of the book

Returns

genre String

7.24.2.7 getPages()

```
Integer com.deusto.dtos.BookDTO.getPages ( )
```

Gets the number of pages of the book

Returns

pages String

7.24.2.8 getPublishDate()

```
Long com.deusto.dtos.BookDTO.getPublishDate ( )
```

Gets the publish date of the book

Returns

publishDate String

7.24.2.9 getTags()

```
List<String> com.deusto.dtos.BookDTO.getTags ( )
```

Gets the tags of the book

Returns

tags List(String)

7.24.2.10 getTitle()

```
String com.deusto.dtos.BookDTO.getTitle ( )
```

Gets the title of the book

Returns

title String

7.24.2.11 setAgeLimit()

```
void com.deusto.dtos.BookDTO.setAgeLimit (
            Integer ageLimit )
```

Sets the ageLimit of the book

Parameters

ageLimit	Integer

7.24.2.12 setAuthorFirstName()

```
void com.deusto.dtos.BookDTO.setAuthorFirstName (
            String authorFirstName )
```

Sets the authorFirstName of the book

Parameters

authorFirstName	String

7.24.2.13 setAuthorLastName()

```
void com.deusto.dtos.BookDTO.setAuthorLastName (
            String authorLastName )
```

Sets the authorLastName of the book

Parameters

authorLastName	String

7.24.2.14 setCount()

```
void com.deusto.dtos.BookDTO.setCount (
            Integer count )
```

Sets the count of the book

Parameters

count	Integer

7.24.2.15 setDescription()

```
void com.deusto.dtos.BookDTO.setDescription (
            String description )
```

Sets the description of the book

Parameters

description	String

7.24.2.16 setGenre()

```
void com.deusto.dtos.BookDTO.setGenre (
            String genre )
```

Sets the genre of the book

Parameters

genre	String

7.24.2.17 setPages()

```
void com.deusto.dtos.BookDTO.setPages (
            Integer pages )
```

Sets the pages of the book

Parameters

pages	Integer

7.24.2.18 setPublishDate()

```
void com.deusto.dtos.BookDTO.setPublishDate (
            Long publishDate )
```

Sets the publishDate of the book

Parameters

publishDate	Long

7.24.2.19 setTags()

```
void com.deusto.dtos.BookDTO.setTags (
            List< String > tags )
```

Sets the tags of the book

Parameters

tags	List(String)

7.24.2.20 setTitle()

```
void com.deusto.dtos.BookDTO.setTitle (
            String title )
```

Sets the title of the book

Parameters

title	String

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

- ServerB/src/main/java/com/deusto/dtos/BookDTO.java

7.25 org.dtos.BookDTO Class Reference

Public Member Functions

- String getTitle ()
- void setTitle (String title)
- String getAuthorFirstName ()
- void setAuthorFirstName (String authorFirstName)
- String getAuthorLastName ()
- void setAuthorLastName (String authorLastName)
- String getGenre ()
- void setGenre (String genre)

- String getDescription ()
- void setDescription (String description)
- Long getPublishDate ()
- void setPublishDate (Long publishDate)
- Integer getPages ()
- void setPages (Integer pages)
- Integer getAgeLimit ()
- void setAgeLimit (Integer ageLimit)
- Integer getCount ()
- void setCount (Integer count)
- List< String > getTags ()
- void setTags (List< String > tags)

7.25.1 Member Function Documentation

7.25.1.1 getAgeLimit()

```
Integer org.dtos.BookDTO.getAgeLimit ( )
```

7.25.1.2 getAuthorFirstName()

```
String org.dtos.BookDTO.getAuthorFirstName ( )
```

7.25.1.3 getAuthorLastName()

```
String org.dtos.BookDTO.getAuthorLastName ( )
```

7.25.1.4 getCount()

```
Integer org.dtos.BookDTO.getCount ( )
```

7.25.1.5 getDescription()

```
String org.dtos.BookDTO.getDescription ( )
```

7.25.1.6 getGenre()

```
String org.dtos.BookDTO.getGenre ( )
```

7.25.1.7 getPages()

```
Integer org.dtos.BookDTO.getPages ( )
```

7.25.1.8 getPublishDate()

```
Long org.dtos.BookDTO.getPublishDate ( )
```

7.25.1.9 getTags()

```
List<String> org.dtos.BookDTO.getTags ( )
```

7.25.1.10 getTitle()

```
String org.dtos.BookDTO.getTitle ( )
```

7.25.1.11 setAgeLimit()

```
void org.dtos.BookDTO.setAgeLimit (
            Integer ageLimit )
```

7.25.1.12 setAuthorFirstName()

```
void org.dtos.BookDTO.setAuthorFirstName (
            String authorFirstName )
```

7.25.1.13 setAuthorLastName()

```
void org.dtos.BookDTO.setAuthorLastName (
            String authorLastName )
```

7.25.1.14 setCount()

```
void org.dtos.BookDTO.setCount (
            Integer count )
```

7.25.1.15 setDescription()

```
void org.dtos.BookDTO.setDescription (
            String description )
```

7.25.1.16 setGenre()

```
void org.dtos.BookDTO.setGenre (
            String genre )
```

7.25.1.17 setPages()

```
void org.dtos.BookDTO.setPages (
            Integer pages )
```

7.25.1.18 setPublishDate()

```
void org.dtos.BookDTO.setPublishDate (
            Long publishDate )
```

7.25.1.19 setTags()

```
void org.dtos.BookDTO.setTags (
            List< String > tags )
```

7.25.1.20 setTitle()

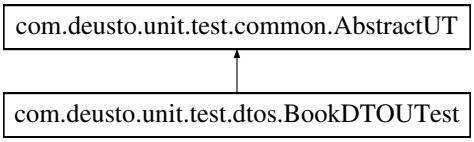
```
void org.dtos.BookDTO.setTitle (
            String title )
```

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

- ClientB/src/main/java/org/dtos/BookDTO.java

7.26 com.deusto.unit.test.dtos.BookDTOUTest Class Reference

Inheritance diagram for com.deusto.unit.test.dtos.BookDTOUTest:



Public Member Functions

- void validBookDTO ()

Additional Inherited Members

7.26.1 Member Function Documentation

7.26.1.1 validBookDTO()

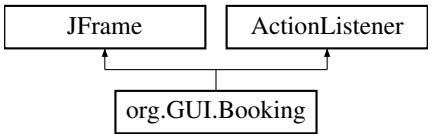
```
void com.deusto.unit.test.dtos.BookDTOUTest.validBookDTO ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/dtos/BookDTOUTest.java

7.27 org.GUI.Booking Class Reference

Inheritance diagram for org.GUI.Booking:



Public Member Functions

- Booking () throws ClientProtocolException, IOException
- void actionPerformed (ActionEvent e)

Static Public Member Functions

- static void main (String[ ] args) throws ClientProtocolException, IOException

Static Public Attributes

- static User newUser
- static User j = null

7.27.1 Constructor & Destructor Documentation

7.27.1.1 Booking()

```
org.GUI.Booking.Booking ( ) throws ClientProtocolException, IOException
```

7.27.2 Member Function Documentation

7.27.2.1 actionPerformed()

```
void org.GUI.Booking.actionPerformed (
            ActionEvent e )
```

7.27.2.2 main()

```
static void org.GUI.Booking.main (
            String [] args ) throws ClientProtocolException, IOException  [static]
```

7.27.3 Member Data Documentation

7.27.3.1 j

```
User org.GUI.Booking.j = null  [static]
```

7.27.3.2 newUser

```
User org.GUI.Booking.newUser  [static]
```

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

- ClientB/src/main/java/org/GUI/Booking.java

7.28 com.deusto.BookitApplication Class Reference

Static Public Member Functions

- static void main (String[ ] args)

7.28.1 Detailed Description

Running class of the server application.

7.28.2 Member Function Documentation

7.28.2.1 main()

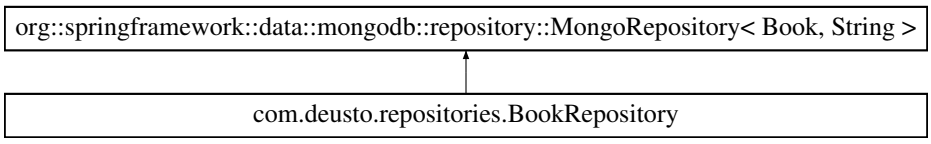
```
static void com.deusto.BookitApplication.main (
            String [ ] args )  [static]
```

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

- ServerB/src/main/java/com/deusto/BookitApplication.java

7.29 com.deusto.repositories.BookRepository Interface Reference

Inheritance diagram for com.deusto.repositories.BookRepository:



Public Member Functions

- List< Book > findAll ()
- List< Book > findByTitle (String title)
- Book findBookById (String id)
- List< Book > findAllByAuthorFirstName (String authorFirstName)
- List< Book > findAllByAuthorLastName (String authorLastName)
- List< Book > findAllByGenre (String genre)
- Book findAllById (String id)

7.29.1 Detailed Description

BookRepository class saves the created Book objects in a mongo repository. It exposes basic CRUD operations.

7.29.2 Member Function Documentation

7.29.2.1 findAll()

```
List<Book> com.deusto.repositories.BookRepository.findAll ( )
```

7.29.2.2 findAllByAuthorFirstName()

```
List<Book> com.deusto.repositories.BookRepository.findAllByAuthorFirstName (
            String authorFirstName )
```

7.29.2.3 findAllByAuthorLastName()

```
List<Book> com.deusto.repositories.BookRepository.findAllByAuthorLastName (
            String authorLastName )
```

7.29.2.4 findAllByGenre()

```
List<Book> com.deusto.repositories.BookRepository.findAllByGenre (
            String genre )
```

7.29.2.5 findAllById()

```
Book com.deusto.repositories.BookRepository.findAllById (
            String id )
```

7.29.2.6 findBookById()

```
Book com.deusto.repositories.BookRepository.findBookById (
            String id )
```

7.29.2.7 findByTitle()

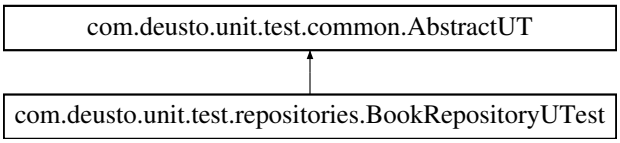
```
List<Book> com.deusto.repositories.BookRepository.findByTitle (
            String title )
```

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

- ServerB/src/main/java/com/deusto/repositories/BookRepository.java

7.30 com.deusto.unit.test.repositories.BookRepositoryUTest Class Reference

Inheritance diagram for com.deusto.unit.test.repositories.BookRepositoryUTest:



Public Member Functions

- void findAllBooksTest () throws Exception
- void findByTitleTest () throws Exception
- void findAllByGenreTest () throws Exception
- void findAllByAuthorLastNameTest () throws Exception
- void findAllByAuthorFirstNameTest () throws Exception
- void findAllByIdTest () throws Exception

Additional Inherited Members

7.30.1 Member Function Documentation

7.30.1.1 findAllBooksTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findAllBooksTest ( ) throws Exception
```

7.30.1.2 findAllByAuthorFirstNameTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findAllByAuthorFirstNameTest ( )
throws Exception
```

7.30.1.3 findAllByAuthorLastNameTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findAllByAuthorLastNameTest ( )
throws Exception
```

7.30.1.4 findAllByGenreTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findAllByGenreTest ( ) throws Exception
```

7.30.1.5 findAllByIdTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findAllByIdTest ( ) throws Exception
```

7.30.1.6 findByTitleTest()

```
void com.deusto.unit.test.repositories.BookRepositoryUTest.findByTitleTest ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/unit/test/repositories/BookRepositoryUTest.java

7.31 com.deusto.services.BookService Class Reference

Public Member Functions

- Book insert (Book book)
- List< Book > findAll ()
- Book findById (String id)
- List< Book > findAllByAuthorFirstName (String firstName)
- List< Book > findByGenre (String genre)
- List< Book > findByTitle (String title)
- List< Book > findByAuthorLastName (String lastName)
- void update (Book registr)

7.31.1 Detailed Description

BookService class exposes bussines logic over BookRepository.

7.31.2 Member Function Documentation

7.31.2.1 findAll()

```
List<Book> com.deusto.services.BookService.findAll ( )
```

7.31.2.2 findAllByAuthorFirstName()

```
List<Book> com.deusto.services.BookService.findAllByAuthorFirstName (
            String firstName )
```

7.31.2.3 findByAuthorLastName()

```
List<Book> com.deusto.services.BookService.findByAuthorLastName (
            String lastName )
```

7.31.2.4 findByGenre()

```
List<Book> com.deusto.services.BookService.findByGenre (
            String genre )
```

7.31.2.5 findById()

```
Book com.deusto.services.BookService.findById (
            String id )
```

7.31.2.6 findByTitle()

```
List<Book> com.deusto.services.BookService.findByTitle (
            String title )
```

7.31.2.7 insert()

```
Book com.deusto.services.BookService.insert (
            Book book )
```

7.31.2.8 update()

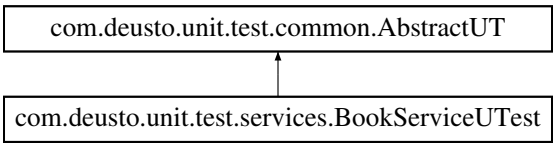
```
void com.deusto.services.BookService.update (
            Book registr )
```

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

- ServerB/src/main/java/com/deusto/services/BookService.java

7.32 com.deusto.unit.test.services.BookServiceUTest Class Reference

Inheritance diagram for com.deusto.unit.test.services.BookServiceUTest:



Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/services/BookServiceUTest.java

7.33 com.deusto.builders.mail.Email Class Reference

Public Member Functions

- MimeMessagePreparator messagePreparator ()
- Email from (String nestfrom)
- Email to (String nestto)
- Email subject (String nestsubject)
- Email text (String nesttext)
- Email build ()

Static Public Member Functions

- static Email builder ()

7.33.1 Member Function Documentation

7.33.1.1 build()

```
Email com.deusto.builders.mail.Email.build ( )
```

7.33.1.2 builder()

```
static Email com.deusto.builders.mail.Email.builder ( )  [static]
```

7.33.1.3 from()

```
Email com.deusto.builders.mail.Email.from (
            String nestfrom )
```

7.33.1.4 messagePreparator()

```
MimeMessagePreparator com.deusto.builders.mail.Email.messagePreparator ( )
```

7.33.1.5 subject()

```
Email com.deusto.builders.mail.Email.subject (
            String nestsubject )
```

7.33.1.6 text()

```
Email com.deusto.builders.mail.Email.text (
            String nesttext )
```

7.33.1.7 to()

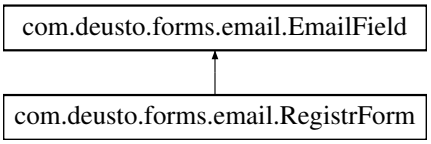
```
Email com.deusto.builders.mail.Email.to (
            String nestto )
```

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

- ServerB/src/main/java/com/deusto/builders/mail/Email.java

7.34 com.deusto.forms.email.EmailField Interface Reference

Inheritance diagram for com.deusto.forms.email.EmailField:



Public Member Functions

- String getEmail ()

7.34.1 Member Function Documentation

7.34.1.1 getEmail()

```
String com.deusto.forms.email.EmailField.getEmail ( )
```

Implemented in com.deusto.forms.email.RegistrForm.

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

- ServerB/src/main/java/com/deusto/forms/email/EmailField.java

7.35 com.deusto.services.mail.EmailService Class Reference

7.35.1 Detailed Description

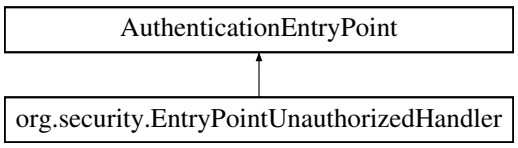
EmailService class exposes bussines logic over email sending feature. It uses JavaMailSender, FreeMakerService and Environmet.

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

- ServerB/src/main/java/com/deusto/services/mail/EmailService.java

7.36 org.security.EntryPointUnauthorizedHandler Class Reference

Inheritance diagram for org.security.EntryPointUnauthorizedHandler:



Public Member Functions

- void commence (HttpServletRequest httpServletRequest, HttpServletResponse httpServletResponse, AuthenticationException e) throws IOException, ServletException

7.36.1 Member Function Documentation

7.36.1.1 commence()

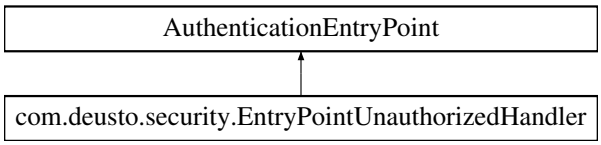
```
void org.security.EntryPointUnauthorizedHandler.commence (
            HttpServletRequest httpServletRequest,
            HttpServletResponse httpServletResponse,
            AuthenticationException e ) throws IOException, ServletException
```

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

- ClientB/src/main/java/org/security/EntryPointUnauthorizedHandler.java

7.37 com.deusto.security.EntryPointUnauthorizedHandler Class Reference

Inheritance diagram for com.deusto.security.EntryPointUnauthorizedHandler:



Public Member Functions

- void commence (HttpServletRequest httpServletRequest, HttpServletResponse httpServletResponse, AuthenticationException e) throws IOException, ServletException

7.37.1 Member Function Documentation

7.37.1.1 commence()

```
void com.deusto.security.EntryPointUnauthorizedHandler.commence (
            HttpServletRequest httpServletRequest,
            HttpServletResponse httpServletResponse,
            AuthenticationException e ) throws IOException, ServletException
```

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

- ServerB/src/main/java/com/deusto/security/EntryPointUnauthorizedHandler.java

7.38 org.dtos.FilterDTO Class Reference

Public Member Functions

- Long getReserveDate ()
- void setReserveDate (Long reserveDate)
- Long getReserveExpire ()
- void setReserveExpire (Long reserveExpire)
- String getTitle ()
- void setTitle (String title)
- String getGenre ()
- void setGenre (String genre)

Protected Attributes

- String genre

7.38.1 Detailed Description

Created by diana on 5/3/17.

7.38.2 Member Function Documentation

7.38.2.1 getGenre()

```
String org.dtos.FilterDTO.getGenre ( )
```

7.38.2.2 getReserveDate()

```
Long org.dtos.FilterDTO.getReserveDate ( )
```

7.38.2.3 getReserveExpire()

```
Long org.dtos.FilterDTO.getReserveExpire ( )
```

7.38.2.4 getTitle()

```
String org.dtos.FilterDTO.getTitle ( )
```

7.38.2.5 setGenre()

```
void org.dtos.FilterDTO.setGenre (
            String genre )
```

7.38.2.6 setReserveDate()

```
void org.dtos.FilterDTO.setReserveDate (
            Long reserveDate )
```

7.38.2.7 setReserveExpire()

```
void org.dtos.FilterDTO.setReserveExpire (
            Long reserveExpire )
```

7.38.2.8 setTitle()

```
void org.dtos.FilterDTO.setTitle (
            String title )
```

7.38.3 Member Data Documentation

7.38.3.1 genre

```
String org.dtos.FilterDTO.genre  [protected]
```

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

- ClientB/src/main/java/org/dtos/FilterDTO.java

7.39 com.deusto.dtos.FilterDTO Class Reference

Public Member Functions

- Long getReserveDate ()
- void setReserveDate (Long reserveDate)
- Long getReserveExpire ()
- void setReserveExpire (Long reserveExpire)
- String getTitle ()
- void setTitle (String title)
- String getGenre ()
- void setGenre (String genre)

Protected Attributes

- String genre

7.39.1 Detailed Description

FilterDTO class is used for filtering books It is used in the request as a RequestBody

7.39.2 Member Function Documentation

7.39.2.1 getGenre()

```
String com.deusto.dtos.FilterDTO.getGenre ( )
```

Gets the gentre date

Returns

genre String

7.39.2.2 getReserveDate()

```
Long com.deusto.dtos.FilterDTO.getReserveDate ( )
```

Gets the reservation date

Returns

reserveDate Long

7.39.2.3 getReserveExpire()

```
Long com.deusto.dtos.FilterDTO.getReserveExpire ( )
```

Gets the reservation expiration date

Returns

reserveExpire Long

7.39.2.4 getTitle()

```
String com.deusto.dtos.FilterDTO.getTitle ( )
```

Gets the title

Returns

title String

7.39.2.5 setGenre()

```
void com.deusto.dtos.FilterDTO.setGenre (
            String genre )
```

Sets the genre in FilterDTO

Parameters

genre	String

7.39.2.6 setReserveDate()

```
void com.deusto.dtos.FilterDTO.setReserveDate (
            Long reserveDate )
```

Sets the reservation date in FilterDTO

Parameters

reserveDate	String

7.39.2.7 setReserveExpire()

```
void com.deusto.dtos.FilterDTO.setReserveExpire (
            Long reserveExpire )
```

Sets the reservation Expiration Date

Parameters

reserveExpire	String

7.39.2.8 setTitle()

```
void com.deusto.dtos.FilterDTO.setTitle (
            String title )
```

Sets the title in FilterDTO

Parameters

title	String

7.39.3 Member Data Documentation

7.39.3.1 genre

```
String com.deusto.dtos.FilterDTO.genre  [protected]
```

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

- ServerB/src/main/java/com/deusto/dtos/FilterDTO.java

7.40 com.deusto.services.template.FreeMarkerService Class Reference

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

- ServerB/src/main/java/com/deusto/services/template/FreeMarkerService.java

7.41 com.deusto.controllers.IndexController Class Reference

Public Member Functions

- HttpEntity<?> post (@RequestBody @Valid Book book)
- HttpEntity<?> auth ()
- HttpEntity<?> authUser ()
- HttpEntity<?> unAuth ()
- HttpEntity<?> index ()

7.41.1 Member Function Documentation

7.41.1.1 auth()

```
HttpEntity<?> com.deusto.controllers.IndexController.auth ( )
```

7.41.1.2 authUser()

```
HttpEntity<?> com.deusto.controllers.IndexController.authUser ( )
```

7.41.1.3 index()

```
HttpEntity<?> com.deusto.controllers.IndexController.index ( )
```

7.41.1.4 post()

```
HttpEntity<?> com.deusto.controllers.IndexController.post (
            @RequestBody @Valid Book book )
```

7.41.1.5 unAuth()

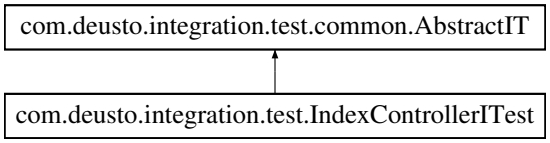
```
HttpEntity<?> com.deusto.controllers.IndexController.unAuth ( )
```

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

- ServerB/src/main/java/com/deusto/controllers/IndexController.java

7.42 com.deusto.integration.test.IndexControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.IndexControllerITest:



Public Member Functions

- void unauth () throws Exception
- void auth () throws Exception
- void authUser () throws Exception
- void authCrash () throws Exception

Additional Inherited Members

7.42.1 Member Function Documentation

7.42.1.1 auth()

```
void com.deusto.integration.test.IndexControllerITest.auth ( ) throws Exception
```

7.42.1.2 authCrash()

```
void com.deusto.integration.test.IndexControllerITest.authCrash ( ) throws Exception
```

7.42.1.3 authUser()

```
void com.deusto.integration.test.IndexControllerITest.authUser ( ) throws Exception
```

7.42.1.4 unauth()

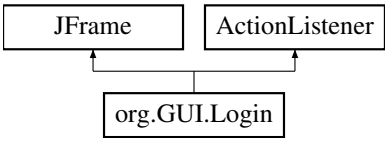
```
void com.deusto.integration.test.IndexControllerITest.unauth ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/integration/test/IndexControllerITest.java

7.43 org.GUI.Login Class Reference

Inheritance diagram for org.GUI.Login:



Public Member Functions

- Login ()
- void actionPerformed (ActionEvent e)

Static Public Member Functions

- static void main (String[ ] args)

Static Public Attributes

- static User newUser

7.43.1 Constructor & Destructor Documentation

7.43.1.1 Login()

```
org.GUI.Login.Login ( )
```

7.43.2 Member Function Documentation

7.43.2.1 actionPerformed()

```
void org.GUI.Login.actionPerformed (
            ActionEvent e )
```

7.43.2.2 main()

```
static void org.GUI.Login.main (
            String [] args )  [static]
```

7.43.3 Member Data Documentation

7.43.3.1 newUser

```
User org.GUI.Login.newUser  [static]
```

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

- ClientB/src/main/java/org/GUI/Login.java

7.44 com.deusto.controllers.LoginController Class Reference

Public Member Functions

- HttpEntity<?> login (@RequestBody @Valid LoginDTO loginDTO)

7.44.1 Detailed Description

Controller for mapping routes related to login. It is implements logic for loggin in using POST method.

7.44.2 Member Function Documentation

7.44.2.1 login()

```
HttpEntity<?> com.deusto.controllers.LoginController.login (
            @RequestBody @Valid LoginDTO loginDTO )
```

Logs an user into the system.

Parameters

loginDTO	

Returns

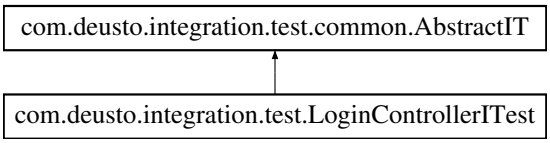
token

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

- ServerB/src/main/java/com/deusto/controllers/LoginController.java

7.45 com.deusto.integration.test.LoginControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.LoginControllerITest:



Public Member Functions

- void login () throws Exception
- void loginWrongCredentials () throws Exception

Additional Inherited Members

7.45.1 Member Function Documentation

7.45.1.1 login()

```
void com.deusto.integration.test.LoginControllerITest.login ( ) throws Exception
```

7.45.1.2 loginWrongCredentials()

```
void com.deusto.integration.test.LoginControllerITest.loginWrongCredentials ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/integration/test/LoginControllerITest.java

7.46 org.dtos.LoginDTO Class Reference

Public Member Functions

- LoginDTO ()
- LoginDTO (String email, String encryptedPassword)
- String getEmail ()
- void setEmail (String email)
- String getEncryptedPassword ()
- void setEncryptedPassword (String encryptedPassword)

7.46.1 Constructor & Destructor Documentation

7.46.1.1 LoginDTO() [1/2]

```
org.dtos.LoginDTO.LoginDTO ( )
```

7.46.1.2 LoginDTO() [2/2]

```
org.dtos.LoginDTO.LoginDTO (
            String email,
            String encryptedPassword )
```

7.46.2 Member Function Documentation

7.46.2.1 getEmail()

```
String org.dtos.LoginDTO.getEmail ( )
```

7.46.2.2 getEncryptedPassword()

```
String org.dtos.LoginDTO.getEncryptedPassword ( )
```

7.46.2.3 setEmail()

```
void org.dtos.LoginDTO.setEmail (
            String email )
```

7.46.2.4 setEncryptedPassword()

```
void org.dtos.LoginDTO.setEncryptedPassword (
            String encryptedPassword )
```

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

- ClientB/src/main/java/org/dtos/LoginDTO.java

7.47 com.deusto.dtos.LoginDTO Class Reference

Public Member Functions

- String getEmail ()
- void setEmail (String email)
- String getEncryptedPassword ()
- void setEncryptedPassword (String encryptedPassword)

7.47.1 Detailed Description

LoginDTO class is used for loging functionality It is used in the request in LoginController as a RequestBody

7.47.2 Member Function Documentation

7.47.2.1 getEmail()

```
String com.deusto.dtos.LoginDTO.getEmail ( )
```

Gets the email of the user

Returns

email String

7.47.2.2 getEncryptedPassword()

```
String com.deusto.dtos.LoginDTO.getEncryptedPassword ( )
```

Gets the encrypted password of the user

Returns

encrypted password String

7.47.2.3 setEmail()

```
void com.deusto.dtos.LoginDTO.setEmail (
            String email )
```

Sets the email of the loginDTO

Parameters

email	String

7.47.2.4 setEncryptedPassword()

```
void com.deusto.dtos.LoginDTO.setEncryptedPassword (
            String encryptedPassword )
```

Sets the encrypted password of the user

Parameters

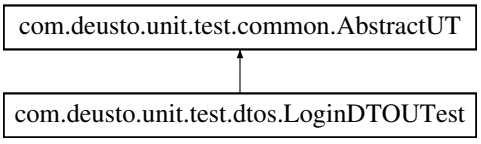
encryptedPassword	String

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

- ServerB/src/main/java/com/deusto/dtos/LoginDTO.java

7.48 com.deusto.unit.test.dtos.LoginDTOUTest Class Reference

Inheritance diagram for com.deusto.unit.test.dtos.LoginDTOUTest:



Public Member Functions

- void validLoginDTO ()
- void inValidLoginDTO ()
- void inValidEmailLoginDTO ()
- void inValidEmailEmptyLoginDTO ()
- void inValidPasswordEmptyLoginDTO ()

Additional Inherited Members

7.48.1 Member Function Documentation

7.48.1.1 inValidEmailEmptyLoginDTO()

```
void com.deusto.unit.test.dtos.LoginDTOUTest.inValidEmailEmptyLoginDTO ( )
```

7.48.1.2 inValidEmailLoginDTO()

```
void com.deusto.unit.test.dtos.LoginDTOUTest.inValidEmailLoginDTO ( )
```

7.48.1.3 inValidLoginDTO()

```
void com.deusto.unit.test.dtos.LoginDTOUTest.inValidLoginDTO ( )
```

7.48.1.4 inValidPasswordEmptyLoginDTO()

```
void com.deusto.unit.test.dtos.LoginDTOUTest.inValidPasswordEmptyLoginDTO ( )
```

7.48.1.5 validLoginDTO()

```
void com.deusto.unit.test.dtos.LoginDTOUTest.validLoginDTO ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/dtos/LoginDTOUTest.java

7.49 com.deusto.dtos.PersonDTO Class Reference

Public Member Functions

- String getEmail ()
- void setEmail (String email)
- Long getBirthDate ()
- void setBirthDate (Long birthDate)
- String getCountryCode ()
- void setCountryCode (String countryCode)
- Integer getPhone ()
- void setPhone (Integer phone)
- String getPassword ()
- void setPassword (String password)
- AddressDTO getAddress ()
- void setAddress (AddressDTO address)

7.49.1 Detailed Description

PersonDTO class is used for creating Usr Objects. It is intended to provide it's data in the last step of registation

7.49.2 Member Function Documentation

7.49.2.1 getAddress()

```
AddressDTO com.deusto.dtos.PersonDTO.getAddress ( )
```

Gets the Address of the person

Returns

address Address

7.49.2.2 getBirthDate()

```
Long com.deusto.dtos.PersonDTO.getBirthDate ( )
```

Gets the birth date of the person

Returns

birthDate Long

7.49.2.3 getCountryCode()

```
String com.deusto.dtos.PersonDTO.getCountryCode ( )
```

Gets the country code of the person

Returns

countryCode String

7.49.2.4 getEmail()

```
String com.deusto.dtos.PersonDTO.getEmail ( )
```

Gets the email of the person

Returns

email String

7.49.2.5 getPassword()

```
String com.deusto.dtos.PersonDTO.getPassword ( )
```

Gets the password of the person

Returns

password

7.49.2.6 getPhone()

```
Integer com.deusto.dtos.PersonDTO.getPhone ( )
```

Gets the phone number of the person

Returns

phone Integer

7.49.2.7 setAddress()

```
void com.deusto.dtos.PersonDTO.setAddress (
            AddressDTO address )
```

Sets the address of the person

Parameters

address	Address

7.49.2.8 setBirthDate()

```
void com.deusto.dtos.PersonDTO.setBirthDate (
            Long birthDate )
```

Sets the birth date of the person

Parameters

birthDate	Long

7.49.2.9 setCountryCode()

```
void com.deusto.dtos.PersonDTO.setCountryCode (
            String countryCode )
```

Sets the country code of the person

Parameters

countryCode	String

7.49.2.10 setEmail()

```
void com.deusto.dtos.PersonDTO.setEmail (
            String email )
```

Sets the email of the person

Parameters

email	String

7.49.2.11 setPassword()

```
void com.deusto.dtos.PersonDTO.setPassword (
            String password )
```

Sets the password of the person

Parameters

password	String

7.49.2.12 setPhone()

```
void com.deusto.dtos.PersonDTO.setPhone (
            Integer phone )
```

Sets the phone of the person

Parameters

phone	Integer

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

- ServerB/src/main/java/com/deusto/dtos/PersonDTO.java

7.50 org.dtos.PersonDTO Class Reference

Public Member Functions

- String getEmail ()
- void setEmail (String email)
- Long getBirthDate ()
- void setBirthDate (Long birthDate)
- String getCountryCode ()
- void setCountryCode (String countryCode)
- Integer getPhone ()
- void setPhone (Integer phone)
- String getPassword ()
- void setPassword (String password)
- AddressDTO getAddress ()
- void setAddress (AddressDTO address)

7.50.1 Member Function Documentation

7.50.1.1 getAddress()

```
AddressDTO org.dtos.PersonDTO.getAddress ( )
```

7.50.1.2 getBirthDate()

```
Long org.dtos.PersonDTO.getBirthDate ( )
```

7.50.1.3 getCountryCode()

```
String org.dtos.PersonDTO.getCountryCode ( )
```

7.50.1.4 getEmail()

```
String org.dtos.PersonDTO.getEmail ( )
```

7.50.1.5 getPassword()

```
String org.dtos.PersonDTO.getPassword ( )
```

7.50.1.6 getPhone()

```
Integer org.dtos.PersonDTO.getPhone ( )
```

7.50.1.7 setAddress()

```
void org.dtos.PersonDTO.setAddress (
            AddressDTO address )
```

7.50.1.8 setBirthDate()

```
void org.dtos.PersonDTO.setBirthDate (
            Long birthDate )
```

7.50.1.9 setCountryCode()

```
void org.dtos.PersonDTO.setCountryCode (
            String countryCode )
```

7.50.1.10 setEmail()

```
void org.dtos.PersonDTO.setEmail (
            String email )
```

7.50.1.11 setPassword()

```
void org.dtos.PersonDTO.setPassword (
            String password )
```

7.50.1.12 setPhone()

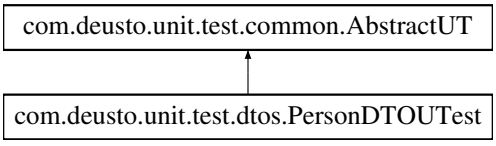
```
void org.dtos.PersonDTO.setPhone (
            Integer phone )
```

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

- ClientB/src/main/java/org/dtos/PersonDTO.java

7.51 com.deusto.unit.test.dtos.PersonDTOUTest Class Reference

Inheritance diagram for com.deusto.unit.test.dtos.PersonDTOUTest:



Public Member Functions

- void validPersonDTO ()
- void invalidEmailPeronDTO ()
- void invalidEmptyEmailPersontDTO ()
- void invalidEmptyCountryCodePersonDTO ()
- void invalidEmptyPasswordPersonDTO ()

Additional Inherited Members

7.51.1 Member Function Documentation

7.51.1.1 invalidEmailPeronDTO()

```
void com.deusto.unit.test.dtos.PersonDTOUTest.invalidEmailPeronDTO ( )
```

7.51.1.2 invalidEmptyCountryCodePersonDTO()

```
void com.deusto.unit.test.dtos.PersonDTOUTest.invalidEmptyCountryCodePersonDTO ( )
```

7.51.1.3 invalidEmptyEmailPersontDTO()

```
void com.deusto.unit.test.dtos.PersonDTOUTest.invalidEmptyEmailPersontDTO ( )
```

7.51.1.4 invalidEmptyPasswordPersonDTO()

```
void com.deusto.unit.test.dtos.PersonDTOUTest.invalidEmptyPasswordPersonDTO ( )
```

7.51.1.5 validPersonDTO()

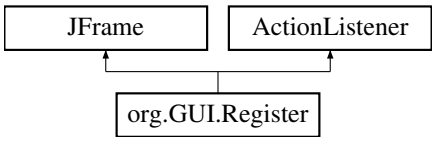
```
void com.deusto.unit.test.dtos.PersonDTOUTest.validPersonDTO ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/dtos/PersonDTOUTest.java

7.52 org.GUI.Register Class Reference

Inheritance diagram for org.GUI.Register:



Public Member Functions

- Register ()
- void actionPerformed (ActionEvent e)

Static Public Member Functions

- static void main (String[ ] args)

Static Public Attributes

- static User newUser
- static User j = null

7.52.1 Constructor & Destructor Documentation

7.52.1.1 Register()

```
org.GUI.Register.Register ( )
```

7.52.2 Member Function Documentation

7.52.2.1 actionPerformed()

```
void org.GUI.Register.actionPerformed (
            ActionEvent e )
```

7.52.2.2 main()

```
static void org.GUI.Register.main (
            String [] args )  [static]
```

7.52.3 Member Data Documentation

7.52.3.1 j

```
User org.GUI.Register.j = null  [static]
```

7.52.3.2 newUser

```
User org.GUI.Register.newUser  [static]
```

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

- ClientB/src/main/java/org/GUI/Register.java

7.53 org.models.Registr Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)
- boolean isActiv ()
- void setActiv (boolean activ)

7.53.1 Member Function Documentation

7.53.1.1 getEmail()

```
String org.models.Registr.getEmail ( )
```

7.53.1.2 getFirstname()

```
String org.models.Registr.getFirstname ( )
```

7.53.1.3 getId()

```
String org.models.Registr.getId ( )
```

7.53.1.4 getLastname()

```
String org.models.Registr.getLastname ( )
```

7.53.1.5 isActiv()

```
boolean org.models.Registr.isActiv ( )
```

7.53.1.6 setActiv()

```
void org.models.Registr.setActiv (
            boolean activ )
```

7.53.1.7 setEmail()

```
void org.models.Registr.setEmail (
            String email )
```

7.53.1.8 setFirstname()

```
void org.models.Registr.setFirstname (
            String firstname )
```

7.53.1.9 setId()

```
void org.models.Registr.setId (
            String id )
```

7.53.1.10 setLastname()

```
void org.models.Registr.setLastname (
            String lastname )
```

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

- ClientB/src/main/java/org/models/Registr.java

7.54 com.deusto.models.Registr Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)
- Boolean isActiv ()
- void setActiv (Boolean activ)

7.54.1 Detailed Description

This class is a model of the database document, used to store a registering users. The objects of this type will used in the second step of the registration

7.54.2 Member Function Documentation

7.54.2.1 getEmail()

```
String com.deusto.models.Registr.getEmail ( )
```

Gets the email of the registering user

Returns

email String

7.54.2.2 getFirstname()

```
String com.deusto.models.Registr.getFirstname ( )
```

Gets the firstName of the registering user

Returns

firstName String

7.54.2.3 getId()

```
String com.deusto.models.Registr.getId ( )
```

Gets the id of the registering user

Returns

id String

7.54.2.4 getLastname()

```
String com.deusto.models.Registr.getLastname ( )
```

Gets the lastName of the registering user

Returns

lastName String

7.54.2.5 isActiv()

```
Boolean com.deusto.models.Registr.isActiv ( )
```

Gets the isActiv boolean var of the registering user It will be true after the user will check the email

Returns

isActiv Boolean

7.54.2.6 setActiv()

```
void com.deusto.models.Registr.setActiv (
            Boolean activ )
```

Sets the isActiv paramerter of the registering user

Parameters

activ	Boolean

7.54.2.7 setEmail()

```
void com.deusto.models.Registr.setEmail (
            String email )
```

Sets the email of the registering user

Parameters

email	String

7.54.2.8 setFirstname()

```
void com.deusto.models.Registr.setFirstname (
            String firstname )
```

Sets the firstName of the registering user

Parameters

firstname	String

7.54.2.9 setId()

```
void com.deusto.models.Registr.setId (
            String id )
```

Sets the id of the registering user

Parameters

id	String

7.54.2.10 setLastname()

```
void com.deusto.models.Registr.setLastname (
            String lastname )
```

Sets the lastName of the registering user

Parameters

lastname	String

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

- ServerB/src/main/java/com/deusto/models/Registr.java

7.55 com.deusto.builders.RegistrBuilder Class Reference

Static Public Member Functions

- static Registr get (RegistrDTO registrDTO)

7.55.1 Detailed Description

Registr class is used for building a Registr object

7.55.2 Member Function Documentation

7.55.2.1 get()

```
static Registr com.deusto.builders.RegistrBuilder.get (
            RegistrDTO registrDTO )  [static]
```

Gets a Registr object from a DTO object

Parameters

registrDTO	RegistrDTO

Returns

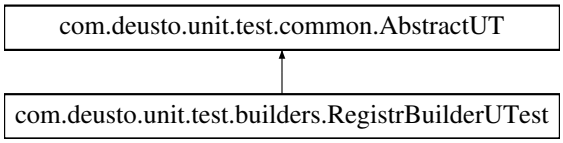
an registr object

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

- ServerB/src/main/java/com/deusto/builders/RegistrBuilder.java

7.56 com.deusto.unit.test.builders.RegistrBuilderUTest Class Reference

Inheritance diagram for com.deusto.unit.test.builders.RegistrBuilderUTest:



Public Member Functions

- void validRegistrBuilder ()

Additional Inherited Members

7.56.1 Member Function Documentation

7.56.1.1 validRegistrBuilder()

```
void com.deusto.unit.test.builders.RegistrBuilderUTest.validRegistrBuilder ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/builders/RegistrBuilderUTest.java

7.57 com.deusto.controllers.RegistrController Class Reference

Public Member Functions

- HttpEntity<?> firstStep (@RequestBody @Valid RegistrDTO registrDTO)
- HttpEntity<?> secondStep (@PathVariable String id)
- HttpEntity<?> lastStep (@RequestBody @Valid PersonDTO person)

7.57.1 Detailed Description

Controller for mapping routes related to registration. It is implements logic usign three steps: Step ONE: send email Step TWO: activate regirst user Step THREE: finish the registration process and create the actual user

7.57.2 Member Function Documentation

7.57.2.1 firstStep()

```
HttpEntity<?> com.deusto.controllers.RegistrController.firstStep (
            @RequestBody @Valid RegistrDTO registrDTO )
```

Sends an email to user

Parameters

registrDTO	

Returns

7.57.2.2 lastStep()

```
HttpEntity<?> com.deusto.controllers.RegistrController.lastStep (
            @RequestBody @Valid PersonDTO person )
```

Checks if registr user is active and creates a new user

Parameters

person	

Returns

7.57.2.3 secondStep()

```
HttpEntity<?> com.deusto.controllers.RegistrController.secondStep (
            @PathVariable String id )
```

Whhen user accesses the link, the registr.isActiv is set to true

Parameters

id	

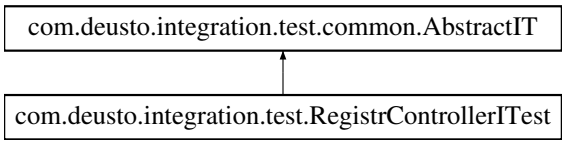
Returns

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

- ServerB/src/main/java/com/deusto/controllers/RegistrController.java

7.58 com.deusto.integration.test.RegistrControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.RegistrControllerITest:



Public Member Functions

- void validPostRegistr () throws Exception

Additional Inherited Members

7.58.1 Member Function Documentation

7.58.1.1 validPostRegistr()

```
void com.deusto.integration.test.RegistrControllerITest.validPostRegistr ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/integration/test/RegistrControllerITest.java

7.59 com.deusto.dtos.RegistrDTO Class Reference

Public Member Functions

- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)

7.59.1 Detailed Description

RegistrDTO class is used for creating Registr objects. It is intended to provide it's data to build an Registr object.

7.59.2 Member Function Documentation

7.59.2.1 getEmail()

```
String com.deusto.dtos.RegistrDTO.getEmail ( )
```

Gets the email of the registering user

Returns

email String

7.59.2.2 getFirstname()

```
String com.deusto.dtos.RegistrDTO.getFirstname ( )
```

Gets the firstName of the registering user

Returns

firstName String

7.59.2.3 getLastname()

```
String com.deusto.dtos.RegistrDTO.getLastname ( )
```

Gets the lastName of the registering user

Returns

lastName String

7.59.2.4 setEmail()

```
void com.deusto.dtos.RegistrDTO.setEmail (
            String email )
```

Sets the email of the registering user

Parameters

email	String

7.59.2.5 setFirstname()

```
void com.deusto.dtos.RegistrDTO.setFirstname (
            String firstname )
```

Sets the firstName of the registering user

Parameters

firstname	String

7.59.2.6 setLastname()

```
void com.deusto.dtos.RegistrDTO.setLastname (
            String lastname )
```

Sets the lastName of the registering user

Parameters

lastname	String

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

- ServerB/src/main/java/com/deusto/dtos/RegistrDTO.java

7.60 org.dtos.RegistrDTO Class Reference

Public Member Functions

- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)

7.60.1 Member Function Documentation

7.60.1.1 getEmail()

```
String org.dtos.RegistrDTO.getEmail ( )
```

7.60.1.2 getFirstname()

```
String org.dtos.RegistrDTO.getFirstname ( )
```

7.60.1.3 getLastname()

```
String org.dtos.RegistrDTO.getLastname ( )
```

7.60.1.4 setEmail()

```
void org.dtos.RegistrDTO.setEmail (
            String email )
```

7.60.1.5 setFirstname()

```
void org.dtos.RegistrDTO.setFirstname (
            String firstname )
```

7.60.1.6 setLastname()

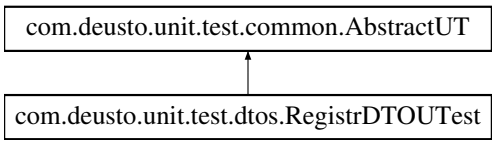
```
void org.dtos.RegistrDTO.setLastname (
            String lastname )
```

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

- ClientB/src/main/java/org/dtos/RegistrDTO.java

7.61 com.deusto.unit.test.dtos.RegistrDTOUTest Class Reference

Inheritance diagram for com.deusto.unit.test.dtos.RegistrDTOUTest:



Public Member Functions

- void validRegistrDTO ()
- void inValidRegistrDTO ()
- void inValidFirstnameEmptyRegistrDTO ()
- void inValidLastnameEmptyRegistrDTO ()
- void inValidFirstnameAndLastnameEmptyRegistrDTO ()
- void inValidEmailWrongRegistrDTO ()
- void inValidEmailEmptyRegistrDTO ()

Additional Inherited Members

7.61.1 Member Function Documentation

7.61.1.1 inValidEmailEmptyRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidEmailEmptyRegistrDTO ( )
```

7.61.1.2 inValidEmailWrongRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidEmailWrongRegistrDTO ( )
```

7.61.1.3 inValidFirstnameAndLastnameEmptyRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidFirstnameAndLastnameEmptyRegistrDTO ( )
```

7.61.1.4 inValidFirstnameEmptyRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidFirstnameEmptyRegistrDTO ( )
```

7.61.1.5 inValidLastnameEmptyRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidLastnameEmptyRegistrDTO ( )
```

7.61.1.6 inValidRegistrDTO()

```
void com.deusto.unit.test.dtos.RegistrDTOUTest.inValidRegistrDTO ( )
```

7.61.1.7 validRegistrDTO()

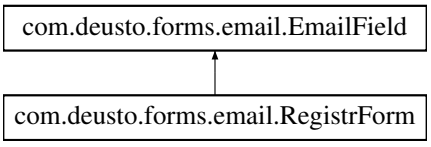
```
void com.deusto.unit.test.dtos.RegistrDTOUTest.validRegistrDTO ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/dtos/RegistrDTOUTest.java

7.62 com.deusto.forms.email.RegistrForm Class Reference

Inheritance diagram for com.deusto.forms.email.RegistrForm:



Public Member Functions

- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getUrl ()
- void setUrl (String url)
- String getEmail ()
- void setEmail (String email)

Static Public Member Functions

- static RegistrForm get (Registr registr, String appUrl)

7.62.1 Detailed Description

Registre Form is used to for the first step of registration.

7.62.2 Member Function Documentation

7.62.2.1 get()

```
static RegistrForm com.deusto.forms.email.RegistrForm.get (
            Registr registr,
            String appUrl )  [static]
```

7.62.2.2 getEmail()

```
String com.deusto.forms.email.RegistrForm.getEmail ( )
```

Implements com.deusto.forms.email.EmailField.

7.62.2.3 getFirstname()

```
String com.deusto.forms.email.RegistrForm.getFirstname ( )
```

7.62.2.4 getLastname()

```
String com.deusto.forms.email.RegistrForm.getLastname ( )
```

7.62.2.5 getUrl()

```
String com.deusto.forms.email.RegistrForm.getUrl ( )
```

7.62.2.6 setEmail()

```
void com.deusto.forms.email.RegistrForm.setEmail (
            String email )
```

7.62.2.7 setFirstname()

```
void com.deusto.forms.email.RegistrForm.setFirstname (
            String firstname )
```

7.62.2.8 setLastname()

```
void com.deusto.forms.email.RegistrForm.setLastname (
            String lastname )
```

7.62.2.9 setUrl()

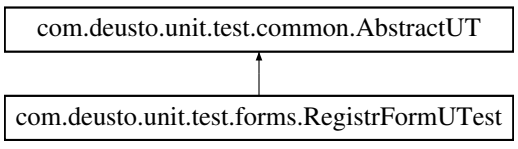
```
void com.deusto.forms.email.RegistrForm.setUrl (
            String url )
```

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

- ServerB/src/main/java/com/deusto/forms/email/RegistrForm.java

7.63 com.deusto.unit.test.forms.RegistrFormUTest Class Reference

Inheritance diagram for com.deusto.unit.test.forms.RegistrFormUTest:



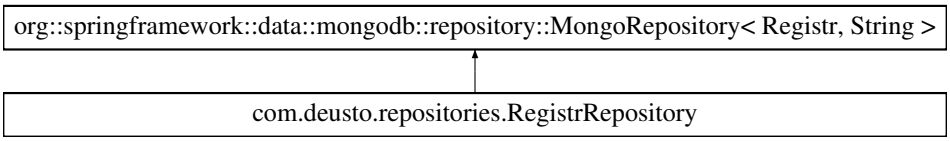
Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/forms/RegistrFormUTest.java

7.64 com.deusto.repositories.RegistrRepository Interface Reference

Inheritance diagram for com.deusto.repositories.RegistrRepository:



Public Member Functions

- Registr findRegistrById (String id)
- Registr findByEmail (String email)

7.64.1 Detailed Description

RegistrRepository class saves the created Registr objects in a mongo repository. The objects saved in this repository are used forthe first step in registration process. It exposes basic CRUD operations.

7.64.2 Member Function Documentation

7.64.2.1 findByEmail()

```
Registr com.deusto.repositories.RegistrRepository.findByEmail (
            String email )
```

7.64.2.2 findRegistrById()

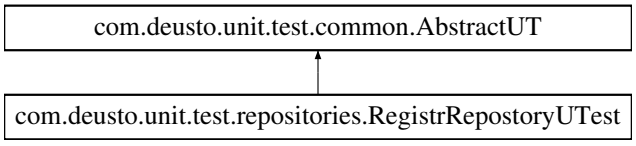
```
Registr com.deusto.repositories.RegistrRepository.findRegistrById (
            String id )
```

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

- ServerB/src/main/java/com/deusto/repositories/RegistrRepository.java

7.65 com.deusto.unit.test.repositories.RegistrRepostoryUTest Class Reference

Inheritance diagram for com.deusto.unit.test.repositories.RegistrRepostoryUTest:



Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/repositories/RegistrRepostoryUTest.java

7.66 com.deusto.services.RegistrService Class Reference

Public Member Functions

- Registr insert (Registr reg)
- Registr findById (String id)
- void update (Registr registr)
- Registr findByEmail (String email)
- void delete (Registr registr)

7.66.1 Detailed Description

RegistrService class exposes bussines logic over RegistrRepository.

7.66.2 Member Function Documentation

7.66.2.1 delete()

```
void com.deusto.services.RegistrService.delete (
            Registr registr )
```

7.66.2.2 findByEmail()

```
Registr com.deusto.services.RegistrService.findByEmail (
            String email )
```

7.66.2.3 findById()

```
Registr com.deusto.services.RegistrService.findById (
            String id )
```

7.66.2.4 insert()

```
Registr com.deusto.services.RegistrService.insert (
            Registr reg )
```

7.66.2.5 update()

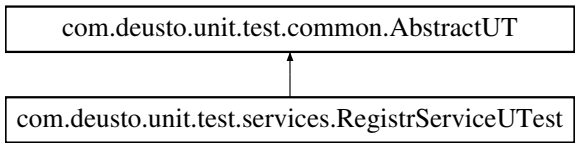
```
void com.deusto.services.RegistrService.update (
            Registr registr )
```

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

- ServerB/src/main/java/com/deusto/services/RegistrService.java

7.67 com.deusto.unit.test.services.RegistrServiceUTest Class Reference

Inheritance diagram for com.deusto.unit.test.services.RegistrServiceUTest:



Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/services/RegistrServiceUTest.java

7.68 org.models.Reserve Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- User getUser ()
- void setUser (User user)
- Book getBook ()
- void setBook (Book book)
- long getReserveDate ()
- void setReserveDate (long reserveDate)
- long getReserveExpire ()
- void setReserveExpire (long reserveExpire)

7.68.1 Member Function Documentation

7.68.1.1 getBook()

```
Book org.models.Reserve.getBook ( )
```

7.68.1.2 getId()

```
String org.models.Reserve.getId ( )
```

7.68.1.3 getReserveDate()

```
long org.models.Reserve.getReserveDate ( )
```

7.68.1.4 getReserveExpire()

```
long org.models.Reserve.getReserveExpire ( )
```

7.68.1.5 getUser()

```
User org.models.Reserve.getUser ( )
```

7.68.1.6 setBook()

```
void org.models.Reserve.setBook (
            Book book )
```

7.68.1.7 setId()

```
void org.models.Reserve.setId (
            String id )
```

7.68.1.8 setReserveDate()

```
void org.models.Reserve.setReserveDate (
            long reserveDate )
```

7.68.1.9 setReserveExpire()

```
void org.models.Reserve.setReserveExpire (
            long reserveExpire )
```

7.68.1.10 setUser()

```
void org.models.Reserve.setUser (
            User user )
```

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

- ClientB/src/main/java/org/models/Reserve.java

7.69 com.deusto.models.Reserve Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- User getUser ()
- void setUser (User user)
- Book getBook ()
- void setBook (Book book)
- Long getReserveDate ()
- void setReserveDate (Long reserveDate)
- Long getReserveExpire ()
- void setReserveExpire (Long reserveExpire)

7.69.1 Detailed Description

This class is a model of the database document, used to store a reservation.

7.69.2 Member Function Documentation

7.69.2.1 getBook()

```
Book com.deusto.models.Reserve.getBook ( )
```

Gets the book of the reservation

Returns

book Book

7.69.2.2 getId()

```
String com.deusto.models.Reserve.getId ( )
```

Gets the id of the reservation

Returns

id String

7.69.2.3 getReserveDate()

```
Long com.deusto.models.Reserve.getReserveDate ( )
```

Gets the reservation date

Returns

reserveDate Long

7.69.2.4 getReserveExpire()

```
Long com.deusto.models.Reserve.getReserveExpire ( )
```

Gets the reservation expiration date

Returns

reserveExpire Long

7.69.2.5 getUser()

```
User com.deusto.models.Reserve.getUser ( )
```

Gets the user of the reservation

Returns

user User

7.69.2.6 setBook()

```
void com.deusto.models.Reserve.setBook (
            Book book )
```

Sets the book of the reservation

Parameters

book	Book

7.69.2.7 setId()

```
void com.deusto.models.Reserve.setId (
            String id )
```

Sets the id of the reservation

Parameters

id	String

7.69.2.8 setReserveDate()

```
void com.deusto.models.Reserve.setReserveDate (
            Long reserveDate )
```

Sets the reservation date

Parameters

reserveDate	Long

7.69.2.9 setReserveExpire()

```
void com.deusto.models.Reserve.setReserveExpire (
            Long reserveExpire )
```

Sets the reservation expiration date

Parameters

reserveExpire	Long

7.69.2.10 setUser()

```
void com.deusto.models.Reserve.setUser (
            User user )
```

Sets the user of the reservation

Parameters

user	User

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

- ServerB/src/main/java/com/deusto/models/Reserve.java

7.70 com.deusto.builders.ReserveBuilder Class Reference

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

- ServerB/src/main/java/com/deusto/builders/ReserveBuilder.java

7.71 com.deusto.controllers.ReserveController Class Reference

Public Member Functions

- HttpEntity<?> getAll ()
- HttpEntity<?> newReserve (@RequestBody ReserveDTO reserveDTO)

7.71.1 Detailed Description

Controller used to manage routes related to reservation process.

7.71.2 Member Function Documentation

7.71.2.1 getAll()

```
HttpEntity<?> com.deusto.controllers.ReserveController.getAll ( )
```

Gets all the reservations made.

Returns

ResponseEntity

7.71.2.2 newReserve()

```
HttpEntity<?> com.deusto.controllers.ReserveController.newReserve (
            @RequestBody ReserveDTO reserveDTO )
```

Creates a new reservation.

Parameters

reserveDTO	

Returns

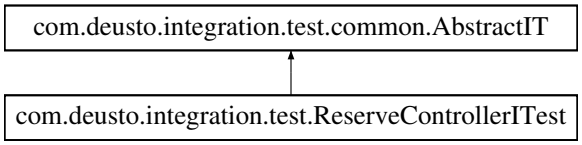
ResponseEntity - whether it succeeded or not

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

- ServerB/src/main/java/com/deusto/controllers/ReserveController.java

7.72 com.deusto.integration.test.ReserveControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.ReserveControllerITest:



Public Member Functions

- void newReserve () throws Exception
- void reserveWithZeroBooks () throws Exception
- void getAll () throws Exception

Additional Inherited Members

7.72.1 Member Function Documentation

7.72.1.1 getAll()

```
void com.deusto.integration.test.ReserveControllerITest.getAll ( ) throws Exception
```

7.72.1.2 newReserve()

```
void com.deusto.integration.test.ReserveControllerITest.newReserve ( ) throws Exception
```

7.72.1.3 reserveWithZeroBooks()

```
void com.deusto.integration.test.ReserveControllerITest.reserveWithZeroBooks ( ) throws Exception
```

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

- ServerB/src/test/java/com/deusto/integration/test/ReserveControllerITest.java

7.73 org.dtos.ReserveDTO Class Reference

Public Member Functions

- String getBookId ()
- void setBookId (String bookId)

7.73.1 Member Function Documentation

7.73.1.1 getBookId()

```
String org.dtos.ReserveDTO.getBookId ( )
```

7.73.1.2 setBookId()

```
void org.dtos.ReserveDTO.setBookId (
            String bookId )
```

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

- ClientB/src/main/java/org/dtos/ReserveDTO.java

7.74 com.deusto.dtos.ReserveDTO Class Reference

Public Member Functions

- String getBookId ()
- void setBookId (String bookId)

7.74.1 Detailed Description

ReserveDTO class is used for creating a reservation It is intended to provide id of the reserved book

7.74.2 Member Function Documentation

7.74.2.1 getBookId()

```
String com.deusto.dtos.ReserveDTO.getBookId ( )
```

Gets the id of the book field

Returns

id String

7.74.2.2 setBookId()

```
void com.deusto.dtos.ReserveDTO.setBookId (
            String bookId )
```

Sets the id of the book field

Parameters

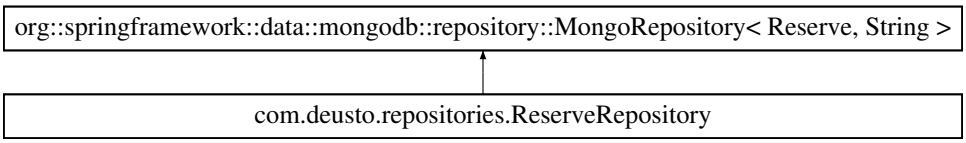
bookId	String

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

- ServerB/src/main/java/com/deusto/dtos/ReserveDTO.java

7.75 com.deusto.repositories.ReserveRepository Interface Reference

Inheritance diagram for com.deusto.repositories.ReserveRepository:



Public Member Functions

- Reserve insert (Reserve reserve)
- List< Reserve > findAllByBook (Book book)
- List< Reserve > findAllByUser (User user)
- List< Reserve > findAllByReserveDateBeforeAndReserveExpireAfter (Long before, Long after)
- List< Reserve > findDistinctByReserveDateAndReserveExpire (Long before, Long after)
- void delete (Reserve reserve)

7.75.1 Detailed Description

ReserveRepository class saves the created Reserve objects in a mongo repository. It exposes basic CRUD operations.

7.75.2 Member Function Documentation

7.75.2.1 delete()

```
void com.deusto.repositories.ReserveRepository.delete (
            Reserve reserve )
```

7.75.2.2 findAllByBook()

```
List<Reserve> com.deusto.repositories.ReserveRepository.findAllByBook (
            Book book )
```

7.75.2.3 findAllByReserveDateBeforeAndReserveExpireAfter()

```
List<Reserve> com.deusto.repositories.ReserveRepository.findAllByReserveDateBeforeAndReserve↩
ExpireAfter (
            Long before,
            Long after )
```

7.75.2.4 findAllByUser()

```
List<Reserve> com.deusto.repositories.ReserveRepository.findAllByUser (
            User user )
```

7.75.2.5 findDistinctByReserveDateAndReserveExpire()

```
List<Reserve> com.deusto.repositories.ReserveRepository.findDistinctByReserveDateAndReserve↩
Expire (
            Long before,
            Long after )
```

7.75.2.6 insert()

```
Reserve com.deusto.repositories.ReserveRepository.insert (
            Reserve reserve )
```

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

- ServerB/src/main/java/com/deusto/repositories/ReserveRepository.java

7.76 com.deusto.services.ReserveService Class Reference

Public Member Functions

- Reserve insert (ReserveDTO reserveDTO, SecurityUser securityUser)
- List< Reserve > findAll ()
- List< Reserve > findAllByBook (Book book)
- List< Reserve > findAllByUser (User user)
- List< Reserve > findAvailableBetweenDates (Long startingDate, Long endindingDate)
- Reserve update (Reserve reserve)

7.76.1 Detailed Description

ReserveService class exposes busines logic over ReeserveRepository.

7.76.2 Member Function Documentation

7.76.2.1 findAll()

```
List<Reserve> com.deusto.services.ReserveService.findAll ( )
```

7.76.2.2 findAllByBook()

```
List<Reserve> com.deusto.services.ReserveService.findAllByBook (
            Book book )
```

7.76.2.3 findAllByUser()

```
List<Reserve> com.deusto.services.ReserveService.findAllByUser (
            User user )
```

7.76.2.4 findAvailableBetweenDates()

```
List<Reserve> com.deusto.services.ReserveService.findAvailableBetweenDates (
            Long startingDate,
            Long endindingDate )
```

7.76.2.5 insert()

```
Reserve com.deusto.services.ReserveService.insert (
            ReserveDTO reserveDTO,
            SecurityUser securityUser )
```

7.76.2.6 update()

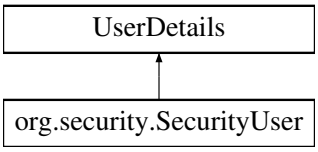
```
Reserve com.deusto.services.ReserveService.update (
            Reserve reserve )
```

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

- ServerB/src/main/java/com/deusto/services/ReserveService.java

7.77 org.security.SecurityUser Class Reference

Inheritance diagram for org.security.SecurityUser:



Public Member Functions

- SecurityUser (String id, String password, String email, Date lastPasswordReset, Collection<? extends GrantedAuthority > authorities)
- String getId ()
- void setId (String id)
- String getPassword ()
- String getUsername ()
- boolean isAccountNonExpired ()
- boolean isAccountNonLocked ()
- boolean isCredentialsNonExpired ()
- boolean isEnabled ()
- String getName ()

- void setPassword (String password)
- String getEmail ()
- void setEmail (String email)
- Date getLastPasswordReset ()
- void setLastPasswordReset (Date lastPasswordReset)
- Collection<? extends GrantedAuthority > getAuthorities ()
- void setAuthorities (Collection<? extends GrantedAuthority > authorities)
- Boolean getAccountNonExpired ()
- void setAccountNonExpired (Boolean accountNonExpired)
- Boolean getAccountNonLocked ()
- void setAccountNonLocked (Boolean accountNonLocked)
- Boolean getCredentialsNonExpired ()
- void setCredentialsNonExpired (Boolean credentialsNonExpired)
- Boolean getEnabled ()
- void setEnabled (Boolean enabled)

7.77.1 Constructor & Destructor Documentation

7.77.1.1 SecurityUser()

```
org.security.SecurityUser.SecurityUser (
            String id,
            String password,
            String email,
            Date lastPasswordReset,
            Collection<?  extends GrantedAuthority > authorities )
```

7.77.2 Member Function Documentation

7.77.2.1 getAccountNonExpired()

```
Boolean org.security.SecurityUser.getAccountNonExpired ( )
```

7.77.2.2 getAccountNonLocked()

```
Boolean org.security.SecurityUser.getAccountNonLocked ( )
```

7.77.2.3 getAuthorities()

```
Collection<?  extends GrantedAuthority> org.security.SecurityUser.getAuthorities ( )
```

7.77.2.4 getCredentialsNonExpired()

```
Boolean org.security.SecurityUser.getCredentialsNonExpired ( )
```

7.77.2.5 getEmail()

```
String org.security.SecurityUser.getEmail ( )
```

7.77.2.6 getEnabled()

```
Boolean org.security.SecurityUser.getEnabled ( )
```

7.77.2.7 getId()

```
String org.security.SecurityUser.getId ( )
```

7.77.2.8 getLastPasswordReset()

```
Date org.security.SecurityUser.getLastPasswordReset ( )
```

7.77.2.9 getName()

```
String org.security.SecurityUser.getName ( )
```

7.77.2.10 getPassword()

```
String org.security.SecurityUser.getPassword ( )
```

7.77.2.11 getUsername()

```
String org.security.SecurityUser.getUsername ( )
```

7.77.2.12 isAccountNonExpired()

```
boolean org.security.SecurityUser.isAccountNonExpired ( )
```

7.77.2.13 isAccountNonLocked()

```
boolean org.security.SecurityUser.isAccountNonLocked ( )
```

7.77.2.14 isCredentialsNonExpired()

```
boolean org.security.SecurityUser.isCredentialsNonExpired ( )
```

7.77.2.15 isEnabled()

```
boolean org.security.SecurityUser.isEnabled ( )
```

7.77.2.16 setAccountNonExpired()

```
void org.security.SecurityUser.setAccountNonExpired (
            Boolean accountNonExpired )
```

7.77.2.17 setAccountNonLocked()

```
void org.security.SecurityUser.setAccountNonLocked (
            Boolean accountNonLocked )
```

7.77.2.18 setAuthorities()

```
void org.security.SecurityUser.setAuthorities (
            Collection<?  extends GrantedAuthority > authorities )
```

7.77.2.19 setCredentialsNonExpired()

```
void org.security.SecurityUser.setCredentialsNonExpired (
            Boolean credentialsNonExpired )
```

7.77.2.20 setEmail()

```
void org.security.SecurityUser.setEmail (
            String email )
```

7.77.2.21 setEnabled()

```
void org.security.SecurityUser.setEnabled (
            Boolean enabled )
```

7.77.2.22 setId()

```
void org.security.SecurityUser.setId (
            String id )
```

7.77.2.23 setLastPasswordReset()

```
void org.security.SecurityUser.setLastPasswordReset (
            Date lastPasswordReset )
```

7.77.2.24 setPassword()

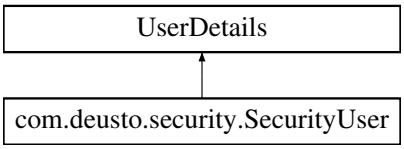
```
void org.security.SecurityUser.setPassword (
            String password )
```

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

- ClientB/src/main/java/org/security/SecurityUser.java

7.78 com.deusto.security.SecurityUser Class Reference

Inheritance diagram for com.deusto.security.SecurityUser:



Public Member Functions

- SecurityUser (String id, String password, String email, Date lastPasswordReset, Collection<? extends GrantedAuthority > authorities)
- String getId ()
- void setId (String id)
- String getPassword ()
- String getUsername ()
- boolean isAccountNonExpired ()
- boolean isAccountNonLocked ()
- boolean isCredentialsNonExpired ()
- boolean isEnabled ()
- String getName ()
- void setPassword (String password)
- String getEmail ()
- void setEmail (String email)
- Date getLastPasswordReset ()
- void setLastPasswordReset (Date lastPasswordReset)
- Collection<? extends GrantedAuthority > getAuthorities ()
- void setAuthorities (Collection<? extends GrantedAuthority > authorities)
- Boolean getAccountNonExpired ()
- void setAccountNonExpired (Boolean accountNonExpired)
- Boolean getAccountNonLocked ()
- void setAccountNonLocked (Boolean accountNonLocked)
- Boolean getCredentialsNonExpired ()
- void setCredentialsNonExpired (Boolean credentialsNonExpired)
- Boolean getEnabled ()
- void setEnabled (Boolean enabled)

7.78.1 Constructor & Destructor Documentation

7.78.1.1 SecurityUser()

```
com.deusto.security.SecurityUser.SecurityUser (
            String id,
            String password,
            String email,
            Date lastPasswordReset,
            Collection<?  extends GrantedAuthority > authorities )
```

7.78.2 Member Function Documentation

7.78.2.1 getAccountNonExpired()

```
Boolean com.deusto.security.SecurityUser.getAccountNonExpired ( )
```

7.78.2.2 getAccountNonLocked()

```
Boolean com.deusto.security.SecurityUser.getAccountNonLocked ( )
```

7.78.2.3 getAuthorities()

```
Collection<?  extends GrantedAuthority> com.deusto.security.SecurityUser.getAuthorities ( )
```

7.78.2.4 getCredentialsNonExpired()

```
Boolean com.deusto.security.SecurityUser.getCredentialsNonExpired ( )
```

7.78.2.5 getEmail()

```
String com.deusto.security.SecurityUser.getEmail ( )
```

7.78.2.6 getEnabled()

```
Boolean com.deusto.security.SecurityUser.getEnabled ( )
```

7.78.2.7 getId()

```
String com.deusto.security.SecurityUser.getId ( )
```

7.78.2.8 getLastPasswordReset()

```
Date com.deusto.security.SecurityUser.getLastPasswordReset ( )
```

7.78.2.9 getName()

```
String com.deusto.security.SecurityUser.getName ( )
```

7.78.2.10 getPassword()

```
String com.deusto.security.SecurityUser.getPassword ( )
```

7.78.2.11 getUsername()

```
String com.deusto.security.SecurityUser.getUsername ( )
```

7.78.2.12 isAccountNonExpired()

```
boolean com.deusto.security.SecurityUser.isAccountNonExpired ( )
```

7.78.2.13 isAccountNonLocked()

```
boolean com.deusto.security.SecurityUser.isAccountNonLocked ( )
```

7.78.2.14 isCredentialsNonExpired()

```
boolean com.deusto.security.SecurityUser.isCredentialsNonExpired ( )
```

7.78.2.15 isEnabled()

```
boolean com.deusto.security.SecurityUser.isEnabled ( )
```

7.78.2.16 setAccountNonExpired()

```
void com.deusto.security.SecurityUser.setAccountNonExpired (
            Boolean accountNonExpired )
```

7.78.2.17 setAccountNonLocked()

```
void com.deusto.security.SecurityUser.setAccountNonLocked (
            Boolean accountNonLocked )
```

7.78.2.18 setAuthorities()

```
void com.deusto.security.SecurityUser.setAuthorities (
            Collection<? extends GrantedAuthority > authorities )
```

7.78.2.19 setCredentialsNonExpired()

```
void com.deusto.security.SecurityUser.setCredentialsNonExpired (
            Boolean credentialsNonExpired )
```

7.78.2.20 setEmail()

```
void com.deusto.security.SecurityUser.setEmail (
            String email )
```

7.78.2.21 setEnabled()

```
void com.deusto.security.SecurityUser.setEnabled (
            Boolean enabled )
```

7.78.2.22 setId()

```
void com.deusto.security.SecurityUser.setId (
            String id )
```

7.78.2.23 setLastPasswordReset()

```
void com.deusto.security.SecurityUser.setLastPasswordReset (
            Date lastPasswordReset )
```

7.78.2.24 setPassword()

```
void com.deusto.security.SecurityUser.setPassword (
            String password )
```

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

- ServerB/src/main/java/com/deusto/security/SecurityUser.java

7.79 com.deusto.SwaggerConfigs Class Reference

Public Member Functions

- Docket api ()

7.79.1 Detailed Description

Configures usage of swagger on server application.

7.79.2 Member Function Documentation

7.79.2.1 api()

```
Docket com.deusto.SwaggerConfigs.api ( )
```

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

- ServerB/src/main/java/com/deusto/SwaggerConfigs.java

7.80 org.models.Token Class Reference

Public Member Functions

- String getToken ()
- void setToken (String token)

7.80.1 Member Function Documentation

7.80.1.1 getToken()

```
String org.models.Token.getToken ( )
```

7.80.1.2 setToken()

```
void org.models.Token.setToken (
            String token )
```

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

- ClientB/src/main/java/org/models/Token.java

7.81 com.deusto.security.TokenUtils Class Reference

Public Member Functions

- String getUsernameFromToken (String token)
- Date getCreatedDateFromToken (String token)
- Date getExpirationDateFromToken (String token)
- String getAudienceFromToken (String token)
- String generateToken (UserDetails userDetails)
- Boolean canTokenBeRefreshed (String token, Date lastPasswordReset)
- String refreshToken (String token)
- Boolean validateToken (String token, UserDetails userDetails)

7.81.1 Member Function Documentation

7.81.1.1 canTokenBeRefreshed()

```
Boolean com.deusto.security.TokenUtils.canTokenBeRefreshed (
            String token,
            Date lastPasswordReset )
```

7.81.1.2 generateToken()

```
String com.deusto.security.TokenUtils.generateToken (
            UserDetails userDetails )
```

7.81.1.3 getAudienceFromToken()

```
String com.deusto.security.TokenUtils.getAudienceFromToken (
            String token )
```

7.81.1.4 getCreatedDateFromToken()

```
Date com.deusto.security.TokenUtils.getCreatedDateFromToken (
            String token )
```

7.81.1.5 getExpirationDateFromToken()

```
Date com.deusto.security.TokenUtils.getExpirationDateFromToken (
            String token )
```

7.81.1.6 getUsernameFromToken()

```
String com.deusto.security.TokenUtils.getUsernameFromToken (
            String token )
```

7.81.1.7 refreshToken()

```
String com.deusto.security.TokenUtils.refreshToken (
            String token )
```

7.81.1.8 validateToken()

```
Boolean com.deusto.security.TokenUtils.validateToken (
            String token,
            UserDetails userDetails )
```

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

- ServerB/src/main/java/com/deusto/security/TokenUtils.java

7.82 org.security.TokenUtils Class Reference

Public Member Functions

- String getUsernameFromToken (String token)
- Date getCreatedDateFromToken (String token)
- Date getExpirationDateFromToken (String token)
- String getAudienceFromToken (String token)
- String generateToken (UserDetails userDetails)
- Boolean canTokenBeRefreshed (String token, Date lastPasswordReset)
- String refreshToken (String token)
- Boolean validateToken (String token, UserDetails userDetails)

7.82.1 Member Function Documentation

7.82.1.1 canTokenBeRefreshed()

```
Boolean org.security.TokenUtils.canTokenBeRefreshed (
            String token,
            Date lastPasswordReset )
```

7.82.1.2 generateToken()

```
String org.security.TokenUtils.generateToken (
            UserDetails userDetails )
```

7.82.1.3 getAudienceFromToken()

```
String org.security.TokenUtils.getAudienceFromToken (
            String token )
```

7.82.1.4 getCreatedDateFromToken()

```
Date org.security.TokenUtils.getCreatedDateFromToken (
            String token )
```

7.82.1.5 getExpirationDateFromToken()

```
Date org.security.TokenUtils.getExpirationDateFromToken (
            String token )
```

7.82.1.6 getUsernameFromToken()

```
String org.security.TokenUtils.getUsernameFromToken (
            String token )
```

7.82.1.7 refreshToken()

```
String org.security.TokenUtils.refreshToken (
            String token )
```

7.82.1.8 validateToken()

```
Boolean org.security.TokenUtils.validateToken (
            String token,
            UserDetails userDetails )
```

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

- ClientB/src/main/java/org/security/TokenUtils.java

7.83 com.deusto.models.User Class Reference

Public Member Functions

- String getId ()
- void setId (String id)
- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)
- Long getBirthDate ()
- void setBirthDate (Long birthDate)
- String getCountryCode ()
- void setCountryCode (String countryCode)
- Integer getPhone ()
- void setPhone (Integer phone)
- Address getAddress ()
- void setAddress (Address address)
- void setPassword (String password)
- String getPassword ()

7.83.1 Detailed Description

This class is a model of the database document, used to store a user. It is involved in the last step of installation

7.83.2 Member Function Documentation

7.83.2.1 getAddress()

```
Address com.deusto.models.User.getAddress ( )
```

Gets the Address of the user

Returns

address Address

7.83.2.2 getBirthDate()

```
Long com.deusto.models.User.getBirthDate ( )
```

Gets the birth date of the user

Returns

birthDate Long

7.83.2.3 getCountryCode()

```
String com.deusto.models.User.getCountryCode ( )
```

Gets the country code of the user

Returns

countryCode String

7.83.2.4 getEmail()

```
String com.deusto.models.User.getEmail ( )
```

Gets the email of the user

Returns

email String

7.83.2.5 getFirstname()

```
String com.deusto.models.User.getFirstname ( )
```

Gets the firstName of the user

Returns

firstName String

7.83.2.6 getId()

```
String com.deusto.models.User.getId ( )
```

Gets the id of the user

Returns

id String

7.83.2.7 getLastname()

```
String com.deusto.models.User.getLastname ( )
```

Gets the last name of the user

Returns

lastName String

7.83.2.8 getPassword()

```
String com.deusto.models.User.getPassword ( )
```

Gets the password of the user

Returns

password String

7.83.2.9 getPhone()

```
Integer com.deusto.models.User.getPhone ( )
```

Gets the phone number of the user

Returns

phone Integer

7.83.2.10 setAddress()

```
void com.deusto.models.User.setAddress (
            Address address )
```

Sets the address of the user

Parameters

address	Address

7.83.2.11 setBirthDate()

```
void com.deusto.models.User.setBirthDate (
            Long birthDate )
```

Sets the birth date of the user

Parameters

birthDate	Long

7.83.2.12 setCountryCode()

```
void com.deusto.models.User.setCountryCode (
            String countryCode )
```

Sets the country code of the user

Parameters

countryCode	String

7.83.2.13 setEmail()

```
void com.deusto.models.User.setEmail (
            String email )
```

Sets the email of the user

Parameters

email	String

7.83.2.14 setFirstname()

```
void com.deusto.models.User.setFirstname (
            String firstname )
```

Sets the first name of the user

Parameters

firstname	String

7.83.2.15 setId()

```
void com.deusto.models.User.setId (
            String id )
```

Sets the id of the user

Parameters

id	String

7.83.2.16 setLastname()

```
void com.deusto.models.User.setLastname (
            String lastname )
```

Sets the lastName of the user

Parameters

lastname	String

7.83.2.17 setPassword()

```
void com.deusto.models.User.setPassword (
            String password )
```

Sets the password of the user

Parameters

password	String

7.83.2.18 setPhone()

```
void com.deusto.models.User.setPhone (
            Integer phone )
```

Sets the phone of the user

Parameters

phone	Integer

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

- ServerB/src/main/java/com/deusto/models/User.java

7.84 org.models.User Class Reference

Public Member Functions

- User ()
- User (String email, long birthDate, String countryCode, int phone, String password, Address address)
- String getId ()
- void setId (String id)
- String getFirstname ()
- void setFirstname (String firstname)
- String getLastname ()
- void setLastname (String lastname)
- String getEmail ()
- void setEmail (String email)
- long getBirthDate ()
- void setBirthDate (long birthDate)
- String getCountryCode ()
- void setCountryCode (String countryCode)
- int getPhone ()
- void setPhone (int phone)
- Address getAddress ()
- void setAddress (Address address)
- void setPassword (String password)
- String getPassword ()

7.84.1 Constructor & Destructor Documentation

7.84.1.1 User() [1/2]

```
org.models.User.User ( )
```

7.84.1.2 User() [2/2]

```
org.models.User.User (
            String email,
            long birthDate,
            String countryCode,
            int phone,
            String password,
            Address address )
```

7.84.2 Member Function Documentation

7.84.2.1 getAddress()

```
Address org.models.User.getAddress ( )
```

7.84.2.2 getBirthDate()

```
long org.models.User.getBirthDate ( )
```

7.84.2.3 getCountryCode()

```
String org.models.User.getCountryCode ( )
```

7.84.2.4 getEmail()

```
String org.models.User.getEmail ( )
```

7.84.2.5 getFirstname()

```
String org.models.User.getFirstname ( )
```

7.84.2.6 getId()

```
String org.models.User.getId ( )
```

7.84.2.7 getLastname()

```
String org.models.User.getLastname ( )
```

7.84.2.8 getPassword()

```
String org.models.User.getPassword ( )
```

7.84.2.9 getPhone()

```
int org.models.User.getPhone ( )
```

7.84.2.10 setAddress()

```
void org.models.User.setAddress (
            Address address )
```

7.84.2.11 setBirthDate()

```
void org.models.User.setBirthDate (
            long birthDate )
```

7.84.2.12 setCountryCode()

```
void org.models.User.setCountryCode (
            String countryCode )
```

7.84.2.13 setEmail()

```
void org.models.User.setEmail (
            String email )
```

7.84.2.14 setFirstname()

```
void org.models.User.setFirstname (
            String firstname )
```

7.84.2.15 setId()

```
void org.models.User.setId (
            String id )
```

7.84.2.16 setLastname()

```
void org.models.User.setLastname (
            String lastname )
```

7.84.2.17 setPassword()

```
void org.models.User.setPassword (
            String password )
```

7.84.2.18 setPhone()

```
void org.models.User.setPhone (
            int phone )
```

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

- ClientB/src/main/java/org/models/User.java

7.85 com.deusto.builders.UserBuilder Class Reference

Public Member Functions

- UserBuilder firstname (String firstName)
- UserBuilder lastname (String lastName)
- UserBuilder email (String email)
- UserBuilder birthDate (Long birthdate)
- UserBuilder countryCode (String countryCode)
- UserBuilder phone (Integer phone)
- UserBuilder password (String password)
- User build ()

Static Public Member Functions

- static UserBuilder builder ()
- static User get (Registr registr, PersonDTO person)
- static LoginDTO get (User user)

7.85.1 Detailed Description

UserBuilder class is used for building an User object

7.85.2 Member Function Documentation

7.85.2.1 birthDate()

```
UserBuilder com.deusto.builders.UserBuilder.birthDate (
            Long birthdate )
```

Builds the birth date in user

Parameters

birthdate	Long

Returns

itself

7.85.2.2 build()

```
User com.deusto.builders.UserBuilder.build ( )
```

Returns the built user

Returns

an user object

7.85.2.3 builder()

```
static UserBuilder com.deusto.builders.UserBuilder.builder ( )  [static]
```

Creates a builder object

Returns

new builder object

7.85.2.4 countryCode()

```
UserBuilder com.deusto.builders.UserBuilder.countryCode (
            String countryCode )
```

Builds the country code in user

Parameters

countryCode	String

Returns

itself

7.85.2.5 email()

```
UserBuilder com.deusto.builders.UserBuilder.email (
            String email )
```

Builds the email in user

Parameters

email	String

Returns

itself

7.85.2.6 firstname()

```
UserBuilder com.deusto.builders.UserBuilder.firstname (
            String firstName )
```

Builds the first name in user

Parameters

firstName	String

Returns

itself

7.85.2.7 get() [1/2]

```
static User com.deusto.builders.UserBuilder.get (
            Registr registr,
            PersonDTO person )  [static]
```

Gets an User object from a DTO object

Parameters

registr	Registr
person	Person

Returns

an user object

7.85.2.8 get() [2/2]

```
static LoginDTO com.deusto.builders.UserBuilder.get (
            User user )  [static]
```

Gets an Login data from a User object

Parameters

user	User

Returns

a loginDTO object

7.85.2.9 lastname()

```
UserBuilder com.deusto.builders.UserBuilder.lastname (
            String lastName )
```

Builds the last name in user

Parameters

lastName	String

Returns

itself

7.85.2.10 password()

```
UserBuilder com.deusto.builders.UserBuilder.password (
            String password )
```

Builds the password in user

Parameters

password	String

Returns

itself

7.85.2.11 phone()

```
UserBuilder com.deusto.builders.UserBuilder.phone (
            Integer phone )
```

Builds the phone number in user

Parameters

phone	Integer

Returns

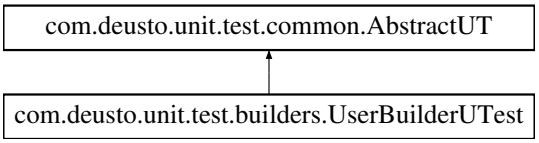
itself

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

- ServerB/src/main/java/com/deusto/builders/UserBuilder.java

7.86 com.deusto.unit.test.builders.UserBuilderUTest Class Reference

Inheritance diagram for com.deusto.unit.test.builders.UserBuilderUTest:



Public Member Functions

- void validUserBuilder ()
- void validUserBuilderMethodStyle ()

Additional Inherited Members

7.86.1 Member Function Documentation

7.86.1.1 validUserBuilder()

```
void com.deusto.unit.test.builders.UserBuilderUTest.validUserBuilder ( )
```

7.86.1.2 validUserBuilderMethodStyle()

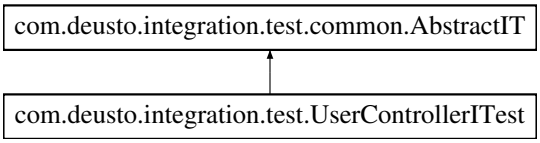
```
void com.deusto.unit.test.builders.UserBuilderUTest.validUserBuilderMethodStyle ( )
```

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

- ServerB/src/test/java/com/deusto/unit/test/builders/UserBuilderUTest.java

7.87 com.deusto.integration.test.UserControllerITest Class Reference

Inheritance diagram for com.deusto.integration.test.UserControllerITest:



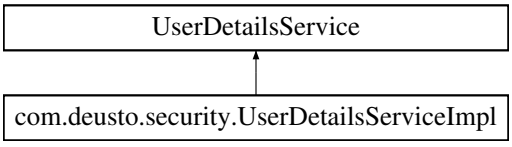
Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/integration/test/UserControllerITest.java

7.88 com.deusto.security.UserDetailsServiceImpl Class Reference

Inheritance diagram for com.deusto.security.UserDetailsServiceImpl:



Public Member Functions

- UserDetails loadUserByUsername (String email) throws UsernameNotFoundException

7.88.1 Member Function Documentation

7.88.1.1 loadUserByUsername()

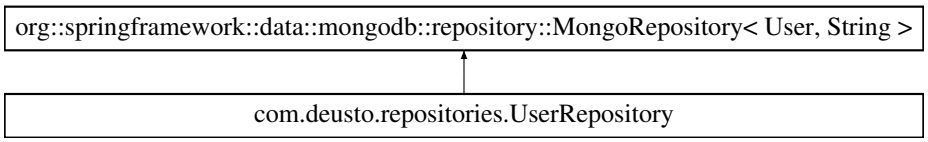
```
UserDetails com.deusto.security.UserDetailsServiceImpl.loadUserByUsername (
            String email ) throws UsernameNotFoundException
```

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

- ServerB/src/main/java/com/deusto/security/UserDetailsServiceImpl.java

7.89 com.deusto.repositories.UserRepository Interface Reference

Inheritance diagram for com.deusto.repositories.UserRepository:



Public Member Functions

- User findUserById (String id)
- User findByEmail (String email)
- List< User > findAllByFirstname (String firstName)
- List< User > findAllByLastname (String lastName)
- User findByPhone (Long phone)
- void delete (User user)

7.89.1 Detailed Description

UserRepository class saves the created User objects in a mongo repository. It exposes basic CRUD operations.

7.89.2 Member Function Documentation

7.89.2.1 delete()

```
void com.deusto.repositories.UserRepository.delete (
            User user )
```

7.89.2.2 findAllByFirstname()

```
List<User> com.deusto.repositories.UserRepository.findAllByFirstname (
            String firstName )
```

7.89.2.3 findAllByLastname()

```
List<User> com.deusto.repositories.UserRepository.findAllByLastname (
            String lastName )
```

7.89.2.4 findByEmail()

```
User com.deusto.repositories.UserRepository.findByEmail (
            String email )
```

7.89.2.5 findByPhone()

```
User com.deusto.repositories.UserRepository.findByPhone (
            Long phone )
```

7.89.2.6 findUserById()

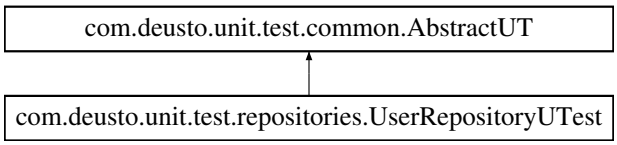
```
User com.deusto.repositories.UserRepository.findUserById (
            String id )
```

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

- ServerB/src/main/java/com/deusto/repositories/UserRepository.java

7.90 com.deusto.unit.test.repositories.UserRepositoryUTest Class Reference

Inheritance diagram for com.deusto.unit.test.repositories.UserRepositoryUTest:



Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/repositories/UserRepositoryUTest.java

7.91 com.deusto.services.UserService Class Reference

Public Member Functions

- User insert (User user)
- User findById (String id)
- List< User > findbyFirstName (String firstName)
- List< User > findByLastName (String lastName)
- User findByEmail (String email)
- User findByPhoneNumber (Long msisdn)
- void update (User user)
- void delete (User user)

7.91.1 Detailed Description

UserService class exposes busines logic over UserRepository.

7.91.2 Member Function Documentation

7.91.2.1 delete()

```
void com.deusto.services.UserService.delete (
            User user )
```

7.91.2.2 findByEmail()

```
User com.deusto.services.UserService.findByEmail (
            String email )
```

7.91.2.3 findbyFirstName()

```
List<User> com.deusto.services.UserService.findbyFirstName (
            String firstName )
```

7.91.2.4 findById()

```
User com.deusto.services.UserService.findById (
            String id )
```

7.91.2.5 findByLastName()

```
List<User> com.deusto.services.UserService.findByLastName (
            String lastName )
```

7.91.2.6 findByPhoneNumber()

```
User com.deusto.services.UserService.findByPhoneNumber (
            Long msisdn )
```

7.91.2.7 insert()

```
User com.deusto.services.UserService.insert (
            User user )
```

7.91.2.8 update()

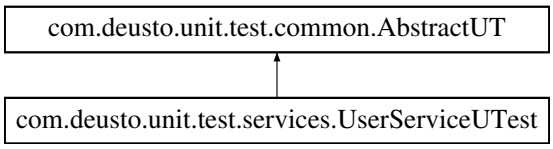
```
void com.deusto.services.UserService.update (
            User user )
```

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

- ServerB/src/main/java/com/deusto/services/UserService.java

7.92 com.deusto.unit.test.services.UserServiceUTest Class Reference

Inheritance diagram for com.deusto.unit.test.services.UserServiceUTest:



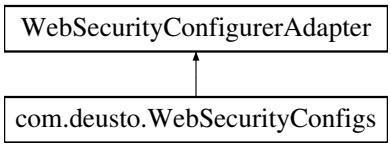
Additional Inherited Members

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

- ServerB/src/test/java/com/deusto/unit/test/services/UserServiceUTest.java

7.93 com.deusto.WebSecurityConfigs Class Reference

Inheritance diagram for com.deusto.WebSecurityConfigs:



Public Member Functions

- void configureAuthentication (AuthenticationManagerBuilder authenticationManagerBuilder) throws Exception
- AuthenticationManager authenticationManagerBean () throws Exception
- AuthenticationTokenFilter authenticationTokenFilterBean () throws Exception
- void configure (WebSecurity web) throws Exception

Protected Member Functions

- void configure (HttpSecurity httpSecurity) throws Exception

7.93.1 Detailed Description

Security configuration on the client side. Uses spring annotations , and

7.93.2 Member Function Documentation

7.93.2.1 authenticationManagerBean()

```
AuthenticationManager com.deusto.WebSecurityConfigs.authenticationManagerBean ( ) throws Exception
```

7.93.2.2 authenticationTokenFilterBean()

```
AuthenticationTokenFilter com.deusto.WebSecurityConfigs.authenticationTokenFilterBean ( )
throws Exception
```

7.93.2.3 configure() [1/2]

```
void com.deusto.WebSecurityConfigs.configure (
            HttpSecurity httpSecurity ) throws Exception  [protected]
```

7.93.2.4 configure() [2/2]

```
void com.deusto.WebSecurityConfigs.configure (
            WebSecurity web ) throws Exception
```

7.93.2.5 configureAuthentication()

```
void com.deusto.WebSecurityConfigs.configureAuthentication (
            AuthenticationManagerBuilder authenticationManagerBuilder ) throws Exception
```

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

- ServerB/src/main/java/com/deusto/WebSecurityConfigs.java

Chapter 8

File Documentation

8.1 ClientB/src/main/java/org/ClientP/Application.java File Reference

Classes

- class org.ClientP.Application

Packages

- package org.ClientP

8.2 ClientB/src/main/java/org/dtos/AddressDTO.java File Reference

Classes

- class org.dtos.AddressDTO

Packages

- package org.dtos

8.3 ServerB/src/main/java/com/deusto/dtos/AddressDTO.java File Reference

Classes

- class com.deusto.dtos.AddressDTO

Packages

- package com.deusto.dtos

8.4 ClientB/src/main/java/org/dtos/BookDTO.java File Reference

Classes

- class org.dtos.BookDTO

Packages

- package org.dtos

8.5 ServerB/src/main/java/com/deusto/dtos/BookDTO.java File Reference

Classes

- class com.deusto.dtos.BookDTO

Packages

- package com.deusto.dtos

8.6 ClientB/src/main/java/org/dtos/FilterDTO.java File Reference

Classes

- class org.dtos.FilterDTO

Packages

- package org.dtos

8.7 ServerB/src/main/java/com/deusto/dtos/FilterDTO.java File Reference

Classes

- class com.deusto.dtos.FilterDTO

Packages

- package com.deusto.dtos

8.8 ClientB/src/main/java/org/dtos/LoginDTO.java File Reference

Classes

- class org.dtos.LoginDTO

Packages

- package org.dtos

8.9 ServerB/src/main/java/com/deusto/dtos/LoginDTO.java File Reference

Classes

- class com.deusto.dtos.LoginDTO

Packages

- package com.deusto.dtos

8.10 ClientB/src/main/java/org/dtos/PersonDTO.java File Reference

Classes

- class org.dtos.PersonDTO

Packages

- package org.dtos

8.11 ServerB/src/main/java/com/deusto/dtos/PersonDTO.java File Reference

Classes

- class com.deusto.dtos.PersonDTO

Packages

- package com.deusto.dtos

8.12 ClientB/src/main/java/org/dtos/RegistrDTO.java File Reference

Classes

- class org.dtos.RegistrDTO

Packages

- package org.dtos

8.13 ServerB/src/main/java/com/deusto/dtos/RegistrDTO.java File Reference

Classes

- class com.deusto.dtos.RegistrDTO

Packages

- package com.deusto.dtos

8.14 ClientB/src/main/java/org/dtos/ReserveDTO.java File Reference

Classes

- class org.dtos.ReserveDTO

Packages

- package org.dtos

8.15 ServerB/src/main/java/com/deusto/dtos/ReserveDTO.java File Reference

Classes

- class com.deusto.dtos.ReserveDTO

Packages

- package com.deusto.dtos

8.16 ClientB/src/main/java/org/GUI/Booking.java File Reference

Classes

- class org.GUI.Booking
- class **org.GUI.BackgroundBooking**

Packages

- package org.GUI

8.17 ClientB/src/main/java/org/GUI/Login.java File Reference

Classes

- class org.GUI.Login
- class **org.GUI.BackgroundLogin**

Packages

- package org.GUI

8.18 ClientB/src/main/java/org/GUI/Register.java File Reference

Classes

- class org.GUI.Register

Packages

- package org.GUI

8.19 ClientB/src/main/java/org/models/Address.java File Reference

Classes

- class org.models.Address

Packages

- package org.models

8.20 ServerB/src/main/java/com/deusto/models/Address.java File Reference

Classes

- class com.deusto.models.Address

Packages

- package com.deusto.models

8.21 ClientB/src/main/java/org/models/Book.java File Reference

Classes

- class org.models.Book

Packages

- package org.models

8.22 ServerB/src/main/java/com/deusto/models/Book.java File Reference

Classes

- class com.deusto.models.Book

Packages

- package com.deusto.models

8.23 ClientB/src/main/java/org/models/Registr.java File Reference

Classes

- class org.models.Registr

Packages

- package org.models

8.24 ServerB/src/main/java/com/deusto/models/Registr.java File Reference

Classes

- class com.deusto.models.Registr

Packages

- package com.deusto.models

8.25 ClientB/src/main/java/org/models/Reserve.java File Reference

Classes

- class org.models.Reserve

Packages

- package org.models

8.26 ServerB/src/main/java/com/deusto/models/Reserve.java File Reference

Classes

- class com.deusto.models.Reserve

Packages

- package com.deusto.models

8.27 ClientB/src/main/java/org/models/Token.java File Reference

Classes

- class org.models.Token

Packages

- package org.models

8.28 ClientB/src/main/java/org/models/User.java File Reference

Classes

- class org.models.User

Packages

- package org.models

8.29 ServerB/src/main/java/com/deusto/models/User.java File Reference

Classes

- class com.deusto.models.User

Packages

- package com.deusto.models

8.30 ClientB/src/main/java/org/security/AuthenticationTokenFilter.java File Reference

Classes

- class org.security.AuthenticationTokenFilter

Packages

- package org.security

8.31 ServerB/src/main/java/com/deusto/security/AuthenticationTokenFilter.java File Reference

Classes

- class com.deusto.security.AuthenticationTokenFilter

Packages

- package com.deusto.security

8.32 ClientB/src/main/java/org/security/EntryPointUnauthorizedHandler.java File Reference

Classes

- class org.security.EntryPointUnauthorizedHandler

Packages

- package org.security

8.33 ServerB/src/main/java/com/deusto/security/EntryPointUnauthorizedHandler.java File Reference

Classes

- class com.deusto.security.EntryPointUnauthorizedHandler

Packages

- package com.deusto.security

8.34 ClientB/src/main/java/org/security/SecurityUser.java File Reference

Classes

- class org.security.SecurityUser

Packages

- package org.security

8.35 ServerB/src/main/java/com/deusto/security/SecurityUser.java File Reference

Classes

- class com.deusto.security.SecurityUser

Packages

- package com.deusto.security

8.36 ClientB/src/main/java/org/security/TokenUtils.java File Reference

Classes

- class org.security.TokenUtils

Packages

- package org.security

8.37 ServerB/src/main/java/com/deusto/security/TokenUtils.java File Reference

Classes

- class com.deusto.security.TokenUtils

Packages

- package com.deusto.security

8.38 ClientB/src/test/java/org/test/AppTest.java File Reference

Classes

- class org.test.AppTest

Packages

- package org.test

8.39 ClientB/src/test/java/org/test/common/AbstractIt.java File Reference

Classes

- class org.test.common.AbstractIt

Packages

- package org.test.common

8.40 ServerB/src/test/java/com/deusto/integration/test/common/AbstractIT.java File Reference

Classes

- class com.deusto.integration.test.common.AbstractIT

Packages

- package com.deusto.integration.test.common

8.41 README.md File Reference

8.42 ServerB/src/main/java/com/deusto/BookitApplication.java File Reference

Classes

- class com.deusto.BookitApplication

Packages

- package com.deusto

8.43 ServerB/src/main/java/com/deusto/builders/AddressBuilder.java File Reference

Classes

- class com.deusto.builders.AddressBuilder

Packages

- package com.deusto.builders

8.44 ServerB/src/main/java/com/deusto/builders/BookBuilder.java File Reference

Classes

- class com.deusto.builders.BookBuilder

Packages

- package com.deusto.builders

8.45 ServerB/src/main/java/com/deusto/builders/mail/Email.java File Reference

Classes

- class com.deusto.builders.mail.Email

Packages

- package com.deusto.builders.mail

8.46 ServerB/src/main/java/com/deusto/builders/RegistrBuilder.java File Reference

Classes

- class com.deusto.builders.RegistrBuilder

Packages

- package com.deusto.builders

8.47 ServerB/src/main/java/com/deusto/builders/ReserveBuilder.java File Reference

Classes

- class com.deusto.builders.ReserveBuilder

Packages

- package com.deusto.builders

8.48 ServerB/src/main/java/com/deusto/builders/UserBuilder.java File Reference

Classes

- class com.deusto.builders.UserBuilder

Packages

- package com.deusto.builders

8.49 ServerB/src/main/java/com/deusto/controllers/BookController.java File Reference

Classes

- class com.deusto.controllers.BookController

Packages

- package com.deusto.controllers

8.50 ServerB/src/main/java/com/deusto/controllers/IndexController.java File Reference

Classes

- class com.deusto.controllers.IndexController

Packages

- package com.deusto.controllers

8.51 ServerB/src/main/java/com/deusto/controllers/LoginController.java File Reference

Classes

- class com.deusto.controllers.LoginController

Packages

- package com.deusto.controllers

8.52 ServerB/src/main/java/com/deusto/controllers/RegistrController.java File Reference

Classes

- class com.deusto.controllers.RegistrController

Packages

- package com.deusto.controllers

8.53 ServerB/src/main/java/com/deusto/controllers/ReserveController.java File Reference

Classes

- class com.deusto.controllers.ReserveController

Packages

- package com.deusto.controllers

8.54 ServerB/src/main/java/com/deusto/forms/email/EmailField.java File Reference

Classes

- interface com.deusto.forms.email.EmailField

Packages

- package com.deusto.forms.email

8.55 ServerB/src/main/java/com/deusto/forms/email/RegistrForm.java File Reference

Classes

- class com.deusto.forms.email.RegistrForm

Packages

- package com.deusto.forms.email

8.56 ServerB/src/main/java/com/deusto/repositories/AddressRepository.java File Reference

Classes

- interface com.deusto.repositories.AddressRepository

Packages

- package com.deusto.repositories

8.57 ServerB/src/main/java/com/deusto/repositories/BookRepository.java File Reference

Classes

- interface com.deusto.repositories.BookRepository

Packages

- package com.deusto.repositories

8.58 ServerB/src/main/java/com/deusto/repositories/RegistrRepository.java File Reference

Classes

- interface com.deusto.repositories.RegistrRepository

Packages

- package com.deusto.repositories

8.59 ServerB/src/main/java/com/deusto/repositories/ReserveRepository.java File Reference

Classes

- interface com.deusto.repositories.ReserveRepository

Packages

- package com.deusto.repositories

8.60 ServerB/src/main/java/com/deusto/repositories/UserRepository.java File Reference

Classes

- interface com.deusto.repositories.UserRepository

Packages

- package com.deusto.repositories

8.61 ServerB/src/main/java/com/deusto/security/AuthenticationService.java File Reference

Classes

- class com.deusto.security.AuthenticationService

Packages

- package com.deusto.security

8.62 ServerB/src/main/java/com/deusto/security/UserDetailsServiceImpl.java File Reference

Classes

- class com.deusto.security.UserDetailsServiceImpl

Packages

- package com.deusto.security

8.63 ServerB/src/main/java/com/deusto/services/BookService.java File Reference

Classes

- class com.deusto.services.BookService

Packages

- package com.deusto.services

8.64 ServerB/src/main/java/com/deusto/services/mail/EmailService.java File Reference

Classes

- class com.deusto.services.mail.EmailService

Packages

- package com.deusto.services.mail

8.65 ServerB/src/main/java/com/deusto/services/RegistrService.java File Reference

Classes

- class com.deusto.services.RegistrService

Packages

- package com.deusto.services

8.66 ServerB/src/main/java/com/deusto/services/ReserveService.java File Reference

Classes

- class com.deusto.services.ReserveService

Packages

- package com.deusto.services

8.67 ServerB/src/main/java/com/deusto/services/template/FreeMarkerService.java File Reference

Classes

- class com.deusto.services.template.FreeMarkerService

Packages

- package com.deusto.services.template

8.68 ServerB/src/main/java/com/deusto/services/UserService.java File Reference

Classes

- class com.deusto.services.UserService

Packages

- package com.deusto.services

8.69 ServerB/src/main/java/com/deusto/SwaggerConfigs.java File Reference

Classes

- class com.deusto.SwaggerConfigs

Packages

- package com.deusto

8.70 ServerB/src/main/java/com/deusto/WebSecurityConfigs.java File Reference

Classes

- class com.deusto.WebSecurityConfigs

Packages

- package com.deusto

8.71 ServerB/src/main/resources/db/changes/firstChangeSet.js File Reference

8.72 ServerB/target/classes/db/changes/firstChangeSet.js File Reference

8.73 ServerB/src/test/java/com/deusto/integration/test/BookControllerITest.java File Reference

Classes

- class com.deusto.integration.test.BookControllerITest

Packages

- package com.deusto.integration.test

8.74 ServerB/src/test/java/com/deusto/integration/test/IndexControllerITest.java File Reference

Classes

- class com.deusto.integration.test.IndexControllerITest

Packages

- package com.deusto.integration.test

8.75 ServerB/src/test/java/com/deusto/integration/test/LoginControllerITest.java File Reference

Classes

- class com.deusto.integration.test.LoginControllerITest

Packages

- package com.deusto.integration.test

8.76 ServerB/src/test/java/com/deusto/integration/test/RegistrControllerITest.java File Reference

Classes

- class com.deusto.integration.test.RegistrControllerITest

Packages

- package com.deusto.integration.test

8.77 ServerB/src/test/java/com/deusto/integration/test/ReserveControllerITest.java File Reference

Classes

- class com.deusto.integration.test.ReserveControllerITest

Packages

- package com.deusto.integration.test

8.78 ServerB/src/test/java/com/deusto/integration/test/UserControllerITest.java File Reference

Classes

- class com.deusto.integration.test.UserControllerITest

Packages

- package com.deusto.integration.test

8.79 ServerB/src/test/java/com/deusto/unit/test/builders/AddressBuilderUTest.java File Reference

Classes

- class com.deusto.unit.test.builders.AddressBuilderUTest

Packages

- package com.deusto.unit.test.builders

8.80 ServerB/src/test/java/com/deusto/unit/test/builders/BookBuilderUTest.java File Reference

Classes

- class com.deusto.unit.test.builders.BookBuilderUTest

Packages

- package com.deusto.unit.test.builders

8.81 ServerB/src/test/java/com/deusto/unit/test/builders/RegistrBuilderUTest.java File Reference

Classes

- class com.deusto.unit.test.builders.RegistrBuilderUTest

Packages

- package com.deusto.unit.test.builders

8.82 ServerB/src/test/java/com/deusto/unit/test/builders/UserBuilderUTest.java File Reference

Classes

- class com.deusto.unit.test.builders.UserBuilderUTest

Packages

- package com.deusto.unit.test.builders

8.83 ServerB/src/test/java/com/deusto/unit/test/common/AbstractUT.java File Reference

Classes

- class com.deusto.unit.test.common.AbstractUT

Packages

- package com.deusto.unit.test.common

8.84 ServerB/src/test/java/com/deusto/unit/test/dtos/AddressDTOUTest.java File Reference

Classes

- class com.deusto.unit.test.dtos.AddressDTOUTest

Packages

- package com.deusto.unit.test.dtos

8.85 ServerB/src/test/java/com/deusto/unit/test/dtos/BookDTOUTest.java File Reference

Classes

- class com.deusto.unit.test.dtos.BookDTOUTest

Packages

- package com.deusto.unit.test.dtos

8.86 ServerB/src/test/java/com/deusto/unit/test/dtos/LoginDTOUTest.java File Reference

Classes

- class com.deusto.unit.test.dtos.LoginDTOUTest

Packages

- package com.deusto.unit.test.dtos

8.87 ServerB/src/test/java/com/deusto/unit/test/dtos/PersonDTOUTest.java File Reference

Classes

- class com.deusto.unit.test.dtos.PersonDTOUTest

Packages

- package com.deusto.unit.test.dtos

8.88 ServerB/src/test/java/com/deusto/unit/test/dtos/RegistrDTOUTest.java File Reference

Classes

- class com.deusto.unit.test.dtos.RegistrDTOUTest

Packages

- package com.deusto.unit.test.dtos

8.89 ServerB/src/test/java/com/deusto/unit/test/forms/RegistrFormUTest.java File Reference

Classes

- class com.deusto.unit.test.forms.RegistrFormUTest

Packages

- package com.deusto.unit.test.forms

8.90 ServerB/src/test/java/com/deusto/unit/test/repositories/BookRepositoryUTest.java File Reference

Classes

- class com.deusto.unit.test.repositories.BookRepositoryUTest

Packages

- package com.deusto.unit.test.repositories

8.91 ServerB/src/test/java/com/deusto/unit/test/repositories/RegistrRepostoryUTest.java File Reference

Classes

- class com.deusto.unit.test.repositories.RegistrRepostoryUTest

Packages

- package com.deusto.unit.test.repositories

8.92 ServerB/src/test/java/com/deusto/unit/test/repositories/UserRepositoryUTest.java File Reference

Classes

- class com.deusto.unit.test.repositories.UserRepositoryUTest

Packages

- package com.deusto.unit.test.repositories

8.93 ServerB/src/test/java/com/deusto/unit/test/services/AuthenticationServiceUTest.java File Reference

Classes

- class com.deusto.unit.test.services.AuthenticationServiceUTest

Packages

- package com.deusto.unit.test.services

8.94 ServerB/src/test/java/com/deusto/unit/test/services/BookServiceUTest.java File Reference

Classes

- class com.deusto.unit.test.services.BookServiceUTest

Packages

- package com.deusto.unit.test.services

8.95 ServerB/src/test/java/com/deusto/unit/test/services/RegistrServiceUTest.java File Reference

Classes

- class com.deusto.unit.test.services.RegistrServiceUTest

Packages

- package com.deusto.unit.test.services

8.96 ServerB/src/test/java/com/deusto/unit/test/services/UserServiceUTest.java File Reference

Classes

- class com.deusto.unit.test.services.UserServiceUTest

Packages

- package com.deusto.unit.test.services

Index

actionPerformed
    org::GUI::Booking, 84
    org::GUI::Login, 102
    org::GUI::Register, 116
Address
    org::models::Address, 33
ageLimit
    com::deusto::builders::BookBuilder, 63
apartamentNumber
    com::deusto::builders::AddressBuilder, 36
api
    com::deusto::SwaggerConfigs, 156
auth
    com::deusto::controllers::IndexController, 100
    com::deusto::integration::test::IndexControllerITest, 101
authCrash
    com::deusto::integration::test::IndexControllerITest, 101
authUser
    com::deusto::controllers::IndexController, 100
    com::deusto::integration::test::IndexControllerITest, 101
authenticate
    com::deusto::unit::test::services::AuthenticationServiceUTest, 50
authentication
    com::deusto::security::AuthenticationService, 49
authenticationManagerBean
    com::deusto::WebSecurityConfigs, 179
authenticationService
    com::deusto::unit::test::common::AbstractUT, 26
authenticationTokenFilterBean
    com::deusto::WebSecurityConfigs, 180
authorFirstName
    com::deusto::builders::BookBuilder, 63
authorLastName
    com::deusto::builders::BookBuilder, 63

birthDate
    com::deusto::builders::UserBuilder, 169
bookRepository
    com::deusto::unit::test::common::AbstractUT, 27
bookService
    com::deusto::unit::test::common::AbstractUT, 27
Booking
    org::GUI::Booking, 84
build
    com::deusto::builders::AddressBuilder, 36
    com::deusto::builders::BookBuilder, 64
    com::deusto::builders::UserBuilder, 170
    com::deusto::builders::mail::Email, 91
builder
    com::deusto::builders::AddressBuilder, 36
    com::deusto::builders::BookBuilder, 64
    com::deusto::builders::UserBuilder, 170
    com::deusto::builders::mail::Email, 91

canTokenBeRefreshed
    com::deusto::security::TokenUtils, 157
    org::security::TokenUtils, 159
city
    com::deusto::builders::AddressBuilder, 36
ClientB/src/main/java/org/ClientP/Application.java, 181
ClientB/src/main/java/org/GUI/Booking.java, 185
ClientB/src/main/java/org/GUI/Login.java, 185
ClientB/src/main/java/org/GUI/Register.java, 185
ClientB/src/main/java/org/dtos/AddressDTO.java, 181
ClientB/src/main/java/org/dtos/BookDTO.java, 182
ClientB/src/main/java/org/dtos/FilterDTO.java, 182
ClientB/src/main/java/org/dtos/LoginDTO.java, 183
ClientB/src/main/java/org/dtos/PersonDTO.java, 183
ClientB/src/main/java/org/dtos/RegistrDTO.java, 184
ClientB/src/main/java/org/dtos/ReserveDTO.java, 184
ClientB/src/main/java/org/models/Address.java, 185
ClientB/src/main/java/org/models/Book.java, 186
ClientB/src/main/java/org/models/Registr.java, 186
ClientB/src/main/java/org/models/Reserve.java, 187
ClientB/src/main/java/org/models/Token.java, 187
ClientB/src/main/java/org/models/User.java, 188
ClientB/src/main/java/org/security/AuthenticationTokenFilter.java, 188
ClientB/src/main/java/org/security/EntryPointUnauthorizedHandler.java, 189
ClientB/src/main/java/org/security/SecurityUser.java, 189
ClientB/src/main/java/org/security/TokenUtils.java, 190
ClientB/src/test/java/org/test/AppTest.java, 190
ClientB/src/test/java/org/test/common/AbstractIt.java, 190
com, 15
com.deusto, 15
com.deusto.BookitApplication, 85
com.deusto.builders, 15
com.deusto.builders.AddressBuilder, 35
com.deusto.builders.BookBuilder, 62
com.deusto.builders.mail, 16
com.deusto.builders.mail.Email, 91
com.deusto.builders.RegistrBuilder, 122
com.deusto.builders.ReserveBuilder, 141

com.deusto.builders.UserBuilder, 169
com.deusto.controllers, 16
com.deusto.controllers.BookController, 70
com.deusto.controllers.IndexController, 100
com.deusto.controllers.LoginController, 103
com.deusto.controllers.RegistrController, 123
com.deusto.controllers.ReserveController, 141
com.deusto.dtos, 16
com.deusto.dtos.AddressDTO, 40
com.deusto.dtos.BookDTO, 73
com.deusto.dtos.FilterDTO, 97
com.deusto.dtos.LoginDTO, 106
com.deusto.dtos.PersonDTO, 109
com.deusto.dtos.RegistrDTO, 125
com.deusto.dtos.ReserveDTO, 143
com.deusto.forms, 16
com.deusto.forms.email, 17
com.deusto.forms.email.EmailField, 92
com.deusto.forms.email.RegistrForm, 130
com.deusto.integration, 17
com.deusto.integration.test, 17
com.deusto.integration.test.BookControllerITest, 72
com.deusto.integration.test.common, 17
com.deusto.integration.test.common.AbstractIT, 24
com.deusto.integration.test.IndexControllerITest, 101
com.deusto.integration.test.LoginControllerITest, 104
com.deusto.integration.test.RegistrControllerITest, 125
com.deusto.integration.test.ReserveControllerITest, 142
com.deusto.integration.test.UserControllerITest, 174
com.deusto.models, 17
com.deusto.models.Address, 28
com.deusto.models.Book, 51
com.deusto.models.Registr, 119
com.deusto.models.Reserve, 137
com.deusto.models.User, 160
com.deusto.repositories, 18
com.deusto.repositories.AddressRepository, 46
com.deusto.repositories.BookRepository, 85
com.deusto.repositories.RegistrRepository, 133
com.deusto.repositories.ReserveRepository, 144
com.deusto.repositories.UserRepository, 175
com.deusto.security, 18
com.deusto.security.AuthenticationService, 49
com.deusto.security.AuthenticationTokenFilter, 51
com.deusto.security.EntryPointUnauthorizedHandler, 94
com.deusto.security.SecurityUser, 152
com.deusto.security.TokenUtils, 157
com.deusto.security.UserDetailsServiceImpl, 174
com.deusto.services, 18
com.deusto.services.BookService, 89
com.deusto.services.mail, 18
com.deusto.services.mail.EmailService, 93
com.deusto.services.RegistrService, 134
com.deusto.services.ReserveService, 146
com.deusto.services.template, 18
com.deusto.services.template.FreeMarkerService, 99
com.deusto.services.UserService, 177
com.deusto.SwaggerConfigs, 156
com.deusto.unit, 19
com.deusto.unit.test, 19
com.deusto.unit.test.builders, 19
com.deusto.unit.test.builders.AddressBuilderUTest, 39
com.deusto.unit.test.builders.BookBuilderUTest, 69
com.deusto.unit.test.builders.RegistrBuilderUTest, 123
com.deusto.unit.test.builders.UserBuilderUTest, 173
com.deusto.unit.test.common, 19
com.deusto.unit.test.common.AbstractUT, 25
com.deusto.unit.test.dtos, 19
com.deusto.unit.test.dtos.AddressDTOUTest, 45
com.deusto.unit.test.dtos.BookDTOUTest, 83
com.deusto.unit.test.dtos.LoginDTOUTest, 107
com.deusto.unit.test.dtos.PersonDTOUTest, 114
com.deusto.unit.test.dtos.RegistrDTOUTest, 129
com.deusto.unit.test.forms, 20
com.deusto.unit.test.forms.RegistrFormUTest, 132
com.deusto.unit.test.repositories, 20
com.deusto.unit.test.repositories.BookRepositoryUTest, 87
com.deusto.unit.test.repositories.RegistrRepostoryUTest, 133
com.deusto.unit.test.repositories.UserRepositoryUTest, 177
com.deusto.unit.test.services, 20
com.deusto.unit.test.services.AuthenticationServiceUTest, 49
com.deusto.unit.test.services.BookServiceUTest, 90
com.deusto.unit.test.services.RegistrServiceUTest, 135
com.deusto.unit.test.services.UserServiceUTest, 179
com.deusto.WebSecurityConfigs, 179
com::deusto::BookitApplication
    main, 85
com::deusto::SwaggerConfigs
    api, 156
com::deusto::WebSecurityConfigs
    authenticationManagerBean, 179
    authenticationTokenFilterBean, 180
    configure, 180
    configureAuthentication, 180
com::deusto::builders::AddressBuilder
    apartamentNumber, 36
    build, 36
    builder, 36
    city, 36
    country, 37
    get, 37
    houseNumber, 38
    postalCode, 38
    street, 38
com::deusto::builders::BookBuilder
    ageLimit, 63
    authorFirstName, 63
    authorLastName, 63
    build, 64
    builder, 64
    count, 64
    description, 65

genre, 65
get, 65
pages, 67
publishDate, 67
tags, 67
title, 69
com::deusto::builders::RegistrBuilder
get, 122
com::deusto::builders::UserBuilder
birthDate, 169
build, 170
builder, 170
countryCode, 170
email, 171
firstname, 171
get, 171, 172
lastname, 172
password, 172
phone, 173
com::deusto::builders::mail::Email
build, 91
builder, 91
from, 91
messagePreparator, 91
subject, 91
text, 92
to, 92
com::deusto::controllers::BookController
createBook, 70
getAllBooks, 71
getAllBooksFilter1, 71
getBookById, 71
com::deusto::controllers::IndexController
auth, 100
authUser, 100
index, 100
post, 100
unAuth, 100
com::deusto::controllers::LoginController
login, 103
com::deusto::controllers::RegistrController
firstStep, 123
lastStep, 124
secondStep, 124
com::deusto::controllers::ReserveController
getAll, 141
newReserve, 141
com::deusto::dtos::AddressDTO
getApartamentNumber, 40
getCity, 40
getCountry, 40
getHouseNumber, 41
getPostalCode, 41
getStreet, 41
setApartamentNumber, 41
setCity, 42
setCountry, 42
setHouseNumber, 42
setPostalCode, 42
setStreet, 43
com::deusto::dtos::BookDTO
getAgeLimit, 73
getAuthorFirstName, 73
getAuthorLastName, 74
getCount, 74
getDescription, 74
getGenre, 74
getPages, 75
getPublishDate, 75
getTags, 75
getTitle, 75
setAgeLimit, 76
setAuthorFirstName, 77
setAuthorLastName, 77
setCount, 77
setDescription, 77
setGenre, 78
setPages, 78
setPublishDate, 78
setTags, 79
setTitle, 79
com::deusto::dtos::FilterDTO
genre, 99
getGenre, 97
getReserveDate, 97
getReserveExpire, 97
getTitle, 98
setGenre, 98
setReserveDate, 98
setReserveExpire, 99
setTitle, 99
com::deusto::dtos::LoginDTO
getEmail, 106
getEncryptedPassword, 106
setEmail, 107
setEncryptedPassword, 107
com::deusto::dtos::PersonDTO
getAddress, 109
getBirthDate, 109
getCountryCode, 109
getEmail, 110
getPassword, 110
getPhone, 110
setAddress, 110
setBirthDate, 111
setCountryCode, 111
setEmail, 111
setPassword, 111
setPhone, 112
com::deusto::dtos::RegistrDTO
getEmail, 126
getFirstname, 126
getLastname, 126
setEmail, 126
setFirstname, 127
setLastname, 127

com::deusto::dtos::ReserveDTO
getBookId, 144
setBookId, 144
com::deusto::forms::email::EmailField
getEmail, 92
com::deusto::forms::email::RegistrForm
get, 131
getEmail, 131
getFirstname, 131
getLastname, 131
getUrl, 131
setEmail, 131
setFirstname, 132
setLastname, 132
setUrl, 132
com::deusto::integration::test::BookControllerITest
findAll, 72
getAllBooksFilter, 72
com::deusto::integration::test::IndexControllerITest
auth, 101
authCrash, 101
authUser, 101
unauth, 101
com::deusto::integration::test::LoginControllerITest
login, 104
loginWrongCredentials, 104
com::deusto::integration::test::RegistrControllerITest
validPostRegistr, 125
com::deusto::integration::test::ReserveControllerITest
getAll, 142
newReserve, 142
reserveWithZeroBooks, 142
com::deusto::integration::test::common::AbstractIT
env, 24
mvc, 24
remoteMongoDbRule, 24
com::deusto::models::Address
getApartamentNumber, 28
getCity, 29
getCountry, 29
getHouseNumber, 29
getId, 29
getPostalCode, 30
getStreet, 30
setApartamentNumber, 30
setCity, 30
setCountry, 31
setHouseNumber, 31
setId, 31
setPostalCode, 32
setStreet, 32
com::deusto::models::Book
decrementCount, 52
getAgeLimit, 52
getAuthorFirstName, 52
getAuthorLastName, 52
getCount, 53
getDescription, 53
getGenre, 53
getId, 53
getPages, 54
getPublishDate, 54
getTags, 54
getTitle, 54
setAgeLimit, 55
setAuthorFirstName, 56
setAuthorLastName, 56
setCount, 56
setDescription, 56
setGenre, 57
setId, 57
setPages, 57
setPublishDate, 58
setTags, 58
setTitle, 58
com::deusto::models::Registr
getEmail, 119
getFirstname, 119
getId, 120
getLastname, 120
isActiv, 120
setActiv, 120
setEmail, 121
setFirstname, 121
setId, 121
setLastname, 121
com::deusto::models::Reserve
getBook, 137
getId, 138
getReserveDate, 138
getReserveExpire, 138
getUser, 138
setBook, 139
setId, 140
setReserveDate, 140
setReserveExpire, 140
setUser, 140
com::deusto::models::User
getAddress, 161
getBirthDate, 161
getCountryCode, 161
getEmail, 161
getFirstname, 162
getId, 162
getLastname, 162
getPassword, 162
getPhone, 163
setAddress, 163
setBirthDate, 163
setCountryCode, 164
setEmail, 164
setFirstname, 164
setId, 164
setLastname, 165
setPassword, 165
setPhone, 165

com::deusto::repositories::BookRepository
findAll, 86
findAllByAuthorFirstName, 86
findAllByAuthorLastName, 86
findAllByGenre, 86
findAllById, 86
findBookById, 87
findByTitle, 87
com::deusto::repositories::RegistrRepository
findByEmail, 133
findRegistrById, 133
com::deusto::repositories::ReserveRepository
delete, 145
findAllByBook, 145
findAllByReserveDateBeforeAndReserveExpire↩
After, 145
findAllByUser, 145
findDistinctByReserveDateAndReserveExpire, 145
insert, 145
com::deusto::repositories::UserRepository
delete, 175
findAllByFirstname, 176
findAllByLastname, 176
findByEmail, 176
findByPhone, 176
findUserById, 176
com::deusto::security::AuthenticationService
authentication, 49
getUserFromRequest, 49
com::deusto::security::AuthenticationTokenFilter
doFilter, 51
com::deusto::security::EntryPointUnauthorizedHandler
commence, 94
com::deusto::security::SecurityUser
getAccountNonExpired, 153
getAccountNonLocked, 153
getAuthorities, 153
getCredentialsNonExpired, 153
getEmail, 153
getEnabled, 153
getId, 153
getLastPasswordReset, 153
getName, 154
getPassword, 154
getUsername, 154
isAccountNonExpired, 154
isAccountNonLocked, 154
isCredentialsNonExpired, 154
isEnabled, 154
SecurityUser, 152
setAccountNonExpired, 154
setAccountNonLocked, 155
setAuthorities, 155
setCredentialsNonExpired, 155
setEmail, 155
setEnabled, 155
setId, 155
setLastPasswordReset, 155
setPassword, 156
com::deusto::security::TokenUtils
canTokenBeRefreshed, 157
generateToken, 157
getAudienceFromToken, 158
getCreatedDateFromToken, 158
getExpirationDateFromToken, 158
getUsernameFromToken, 158
refreshToken, 158
validateToken, 158
com::deusto::security::UserDetailsServiceImpl
loadUserByUsername, 175
com::deusto::services::BookService
findAll, 89
findAllByAuthorFirstName, 89
findByAuthorLastName, 89
findByGenre, 89
findById, 89
findByTitle, 90
insert, 90
update, 90
com::deusto::services::RegistrService
delete, 134
findByEmail, 134
findById, 134
insert, 134
update, 135
com::deusto::services::ReserveService
findAll, 146
findAllByBook, 146
findAllByUser, 146
findAvailableBetweenDates, 146
insert, 147
update, 147
com::deusto::services::UserService
delete, 177
findByEmail, 177
findById, 178
findByLastName, 178
findByPhoneNumber, 178
findbyFirstName, 178
insert, 178
update, 178
com::deusto::unit::test::builders::AddressBuilderUTest
validAdderessBuilder, 39
validAdderessBuilderMethodStyle, 39
com::deusto::unit::test::builders::BookBuilderUTest
validBookBuilderMethodStyle, 70
validBookBuilderUTest, 70
com::deusto::unit::test::builders::RegistrBuilderUTest
validRegistrBuilder, 123
com::deusto::unit::test::builders::UserBuilderUTest
validUserBuilder, 174
validUserBuilderMethodStyle, 174
com::deusto::unit::test::common::AbstractUT
authenticationService, 26
bookRepository, 27
bookService, 27

env, 27
registrRepository, 27
registrService, 27
remoteMongoDbRule, 27
setup, 26
userRepository, 27
userService, 28
validate, 26
validator, 28
com::deusto::unit::test::dtos::AddressDTOUTest
validBookDTO, 46
com::deusto::unit::test::dtos::BookDTOUTest
validBookDTO, 83
com::deusto::unit::test::dtos::LoginDTOUTest
inValidEmailEmptyLoginDTO, 108
inValidEmailLoginDTO, 108
inValidLoginDTO, 108
inValidPasswordEmptyLoginDTO, 108
validLoginDTO, 108
com::deusto::unit::test::dtos::PersonDTOUTest
invalidEmailPeronDTO, 115
invalidEmptyCountryCodePersonDTO, 115
invalidEmptyEmailPersontDTO, 115
invalidEmptyPasswordPersonDTO, 115
validPersonDTO, 115
com::deusto::unit::test::dtos::RegistrDTOUTest
inValidEmailEmptyRegistrDTO, 129
inValidEmailWrongRegistrDTO, 129
inValidFirstnameAndLastnameEmptyRegistrDTO, 129
inValidFirstnameEmptyRegistrDTO, 129
inValidLastnameEmptyRegistrDTO, 130
inValidRegistrDTO, 130
validRegistrDTO, 130
com::deusto::unit::test::repositories::BookRepository↩ UTest
findAllBooksTest, 87
findAllByAuthorFirstNameTest, 88
findAllByAuthorLastNameTest, 88
findAllByGenreTest, 88
findAllByIdTest, 88
findByTitleTest, 88
com::deusto::unit::test::services::Authentication↩ ServiceUTest
authenticate, 50
commence
com::deusto::security::EntryPointUnauthorized↩ Handler, 94
org::security::EntryPointUnauthorizedHandler, 93
configure
com::deusto::WebSecurityConfigs, 180
configureAuthentication
com::deusto::WebSecurityConfigs, 180
count
com::deusto::builders::BookBuilder, 64
country
com::deusto::builders::AddressBuilder, 37
countryCode
com::deusto::builders::UserBuilder, 170
createBook
com::deusto::controllers::BookController, 70

decrementCount
com::deusto::models::Book, 52
org::models::Book, 59
delete
com::deusto::repositories::ReserveRepository, 145
com::deusto::repositories::UserRepository, 175
com::deusto::services::RegistrService, 134
com::deusto::services::UserService, 177
description
com::deusto::builders::BookBuilder, 65
doFilter
com::deusto::security::AuthenticationTokenFilter, 51
org::security::AuthenticationTokenFilter, 50

email
com::deusto::builders::UserBuilder, 171
env
com::deusto::integration::test::common::Abstract↩ IT, 24
com::deusto::unit::test::common::AbstractUT, 27
org::test::common::AbstractIt, 23

findAll
com::deusto::integration::test::BookControllerITest, 72
com::deusto::repositories::BookRepository, 86
com::deusto::services::BookService, 89
com::deusto::services::ReserveService, 146
org::test::AppTest, 48
findAllBooksTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 87
findAllByAuthorFirstName
com::deusto::repositories::BookRepository, 86
com::deusto::services::BookService, 89
findAllByAuthorFirstNameTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 88
findAllByAuthorLastName
com::deusto::repositories::BookRepository, 86
findAllByAuthorLastNameTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 88
findAllByBook
com::deusto::repositories::ReserveRepository, 145
com::deusto::services::ReserveService, 146
findAllByFirstname
com::deusto::repositories::UserRepository, 176
findAllByGenre
com::deusto::repositories::BookRepository, 86
findAllByGenreTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 88
findAllById

com::deusto::repositories::BookRepository, 86
findAllByIdTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 88
findAllByLastname
com::deusto::repositories::UserRepository, 176
findAllByReserveDateBeforeAndReserveExpireAfter
com::deusto::repositories::ReserveRepository, 145
findAllByUser
com::deusto::repositories::ReserveRepository, 145
com::deusto::services::ReserveService, 146
findAvailableBetweenDates
com::deusto::services::ReserveService, 146
findBookById
com::deusto::repositories::BookRepository, 87
findByAuthorLastName
com::deusto::services::BookService, 89
findByEmail
com::deusto::repositories::RegistrRepository, 133
com::deusto::repositories::UserRepository, 176
com::deusto::services::RegistrService, 134
com::deusto::services::UserService, 177
findByGenre
com::deusto::services::BookService, 89
findById
com::deusto::services::BookService, 89
com::deusto::services::RegistrService, 134
com::deusto::services::UserService, 178
findByLastName
com::deusto::services::UserService, 178
findByPhone
com::deusto::repositories::UserRepository, 176
findByPhoneNumber
com::deusto::services::UserService, 178
findByTitle
com::deusto::repositories::BookRepository, 87
com::deusto::services::BookService, 90
findByTitleTest
com::deusto::unit::test::repositories::Book↩ RepositoryUTest, 88
findDistinctByReserveDateAndReserveExpire
com::deusto::repositories::ReserveRepository, 145
findRegistrById
com::deusto::repositories::RegistrRepository, 133
findUserById
com::deusto::repositories::UserRepository, 176
findbyFirstName
com::deusto::services::UserService, 178
firstStep
com::deusto::controllers::RegistrController, 123
firstname
com::deusto::builders::UserBuilder, 171
from
com::deusto::builders::mail::Email, 91

generateToken
com::deusto::security::TokenUtils, 157
org::security::TokenUtils, 159
genre
com::deusto::builders::BookBuilder, 65
com::deusto::dtos::FilterDTO, 99
org::dtos::FilterDTO, 96
get
com::deusto::builders::AddressBuilder, 37
com::deusto::builders::BookBuilder, 65
com::deusto::builders::RegistrBuilder, 122
com::deusto::builders::UserBuilder, 171, 172
com::deusto::forms::email::RegistrForm, 131
getAccountNonExpired
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 148
getAccountNonLocked
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 148
getAddress
com::deusto::dtos::PersonDTO, 109
com::deusto::models::User, 161
org::dtos::PersonDTO, 112
org::models::User, 166
getAgeLimit
com::deusto::dtos::BookDTO, 73
com::deusto::models::Book, 52
org::dtos::BookDTO, 80
org::models::Book, 59
getAll
com::deusto::controllers::ReserveController, 141
com::deusto::integration::test::ReserveController↩ ITest, 142
getAllBooks
com::deusto::controllers::BookController, 71
getAllBooksFilter
com::deusto::integration::test::BookControllerITest, 72
org::test::AppTest, 48
getAllBooksFilter1
com::deusto::controllers::BookController, 71
getApartamentNumber
com::deusto::dtos::AddressDTO, 40
com::deusto::models::Address, 28
org::dtos::AddressDTO, 43
org::models::Address, 33
getAudienceFromToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 159
getAuthorFirstName
com::deusto::dtos::BookDTO, 73
com::deusto::models::Book, 52
org::dtos::BookDTO, 80
org::models::Book, 59
getAuthorLastName
com::deusto::dtos::BookDTO, 74
com::deusto::models::Book, 52
org::dtos::BookDTO, 80
org::models::Book, 59
getAuthorities
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 148

getBirthDate
com::deusto::dtos::PersonDTO, 109
com::deusto::models::User, 161
org::dtos::PersonDTO, 113
org::models::User, 167
getBook
com::deusto::models::Reserve, 137
org::models::Reserve, 136
getBookById
com::deusto::controllers::BookController, 71
getBookId
com::deusto::dtos::ReserveDTO, 144
org::dtos::ReserveDTO, 143
getBooks
org::ClientP::Application, 47
getBooksFilter
org::ClientP::Application, 47
getCity
com::deusto::dtos::AddressDTO, 40
com::deusto::models::Address, 29
org::dtos::AddressDTO, 44
org::models::Address, 33
getCount
com::deusto::dtos::BookDTO, 74
com::deusto::models::Book, 53
org::dtos::BookDTO, 80
org::models::Book, 60
getCountry
com::deusto::dtos::AddressDTO, 40
com::deusto::models::Address, 29
org::dtos::AddressDTO, 44
org::models::Address, 33
getCountryCode
com::deusto::dtos::PersonDTO, 109
com::deusto::models::User, 161
org::dtos::PersonDTO, 113
org::models::User, 167
getCreatedDateFromToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 159
getCredentialsNonExpired
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 149
getDescription
com::deusto::dtos::BookDTO, 74
com::deusto::models::Book, 53
org::dtos::BookDTO, 80
org::models::Book, 60
getEmail
com::deusto::dtos::LoginDTO, 106
com::deusto::dtos::PersonDTO, 110
com::deusto::dtos::RegistrDTO, 126
com::deusto::forms::email::EmailField, 92
com::deusto::forms::email::RegistrForm, 131
com::deusto::models::Registr, 119
com::deusto::models::User, 161
com::deusto::security::SecurityUser, 153
org::dtos::LoginDTO, 105
org::dtos::PersonDTO, 113
org::dtos::RegistrDTO, 128
org::models::Registr, 117
org::models::User, 167
org::security::SecurityUser, 149
getEnabled
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 149
getEncryptedPassword
com::deusto::dtos::LoginDTO, 106
org::dtos::LoginDTO, 105
getExpirationDateFromToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 159
getFirstname
com::deusto::dtos::RegistrDTO, 126
com::deusto::forms::email::RegistrForm, 131
com::deusto::models::Registr, 119
com::deusto::models::User, 162
org::dtos::RegistrDTO, 128
org::models::Registr, 117
org::models::User, 167
getGenre
com::deusto::dtos::BookDTO, 74
com::deusto::dtos::FilterDTO, 97
com::deusto::models::Book, 53
org::dtos::BookDTO, 80
org::dtos::FilterDTO, 95
org::models::Book, 60
getHouseNumber
com::deusto::dtos::AddressDTO, 41
com::deusto::models::Address, 29
org::dtos::AddressDTO, 44
org::models::Address, 34
getId
com::deusto::models::Address, 29
com::deusto::models::Book, 53
com::deusto::models::Registr, 120
com::deusto::models::Reserve, 138
com::deusto::models::User, 162
com::deusto::security::SecurityUser, 153
org::models::Address, 34
org::models::Book, 60
org::models::Registr, 118
org::models::Reserve, 136
org::models::User, 167
org::security::SecurityUser, 149
getLastPasswordReset
com::deusto::security::SecurityUser, 153
org::security::SecurityUser, 149
getLastname
com::deusto::dtos::RegistrDTO, 126
com::deusto::forms::email::RegistrForm, 131
com::deusto::models::Registr, 120
com::deusto::models::User, 162
org::dtos::RegistrDTO, 128
org::models::Registr, 118
org::models::User, 167

getName
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 149
getPages
com::deusto::dtos::BookDTO, 75
com::deusto::models::Book, 54
org::dtos::BookDTO, 81
org::models::Book, 60
getPassword
com::deusto::dtos::PersonDTO, 110
com::deusto::models::User, 162
com::deusto::security::SecurityUser, 154
org::dtos::PersonDTO, 113
org::models::User, 167
org::security::SecurityUser, 149
getPhone
com::deusto::dtos::PersonDTO, 110
com::deusto::models::User, 163
org::dtos::PersonDTO, 113
org::models::User, 167
getPostalCode
com::deusto::dtos::AddressDTO, 41
com::deusto::models::Address, 30
org::dtos::AddressDTO, 44
org::models::Address, 34
getPublishDate
com::deusto::dtos::BookDTO, 75
com::deusto::models::Book, 54
org::dtos::BookDTO, 81
org::models::Book, 60
getReserveDate
com::deusto::dtos::FilterDTO, 97
com::deusto::models::Reserve, 138
org::dtos::FilterDTO, 95
org::models::Reserve, 136
getReserveExpire
com::deusto::dtos::FilterDTO, 97
com::deusto::models::Reserve, 138
org::dtos::FilterDTO, 95
org::models::Reserve, 136
getStreet
com::deusto::dtos::AddressDTO, 41
com::deusto::models::Address, 30
org::dtos::AddressDTO, 44
org::models::Address, 34
getTags
com::deusto::dtos::BookDTO, 75
com::deusto::models::Book, 54
org::dtos::BookDTO, 81
org::models::Book, 60
getTitle
com::deusto::dtos::BookDTO, 75
com::deusto::dtos::FilterDTO, 98
com::deusto::models::Book, 54
org::dtos::BookDTO, 81
org::dtos::FilterDTO, 95
org::models::Book, 60
getToken
org::ClientP::Application, 47
org::models::Token, 157
getUrl
com::deusto::forms::email::RegistrForm, 131
getUser
com::deusto::models::Reserve, 138
org::models::Reserve, 136
getUserFromRequest
com::deusto::security::AuthenticationService, 49
getUsername
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 149
getUsernameFromToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 160

houseNumber
com::deusto::builders::AddressBuilder, 38

inValidEmailEmptyLoginDTO
com::deusto::unit::test::dtos::LoginDTOUTest, 108
inValidEmailEmptyRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 129
inValidEmailLoginDTO
com::deusto::unit::test::dtos::LoginDTOUTest, 108
inValidEmailWrongRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 129
inValidFirstnameAndLastnameEmptyRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 129
inValidFirstnameEmptyRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 129
inValidLastnameEmptyRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 130
inValidLoginDTO
com::deusto::unit::test::dtos::LoginDTOUTest, 108
inValidPasswordEmptyLoginDTO
com::deusto::unit::test::dtos::LoginDTOUTest, 108
inValidRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 130
index
com::deusto::controllers::IndexController, 100
insert
com::deusto::repositories::ReserveRepository, 145
com::deusto::services::BookService, 90
com::deusto::services::RegistrService, 134
com::deusto::services::ReserveService, 147
com::deusto::services::UserService, 178
invalidEmailPeronDTO
com::deusto::unit::test::dtos::PersonDTOUTest, 115
invalidEmptyCountryCodePersonDTO
com::deusto::unit::test::dtos::PersonDTOUTest, 115

invalidEmptyEmailPersontDTO
com::deusto::unit::test::dtos::PersonDTOUTest, 115
invalidEmptyPasswordPersonDTO
com::deusto::unit::test::dtos::PersonDTOUTest, 115
isAccountNonExpired
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 150
isAccountNonLocked
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 150
isActiv
com::deusto::models::Registr, 120
org::models::Registr, 118
isCredentialsNonExpired
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 150
isEnabled
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 150

j
org::GUI::Booking, 84
org::GUI::Register, 117

lastStep
com::deusto::controllers::RegistrController, 124
lastname
com::deusto::builders::UserBuilder, 172
loadUserByUsername
com::deusto::security::UserDetailsServiceImpl, 175
Login
org::GUI::Login, 102
login
com::deusto::controllers::LoginController, 103
com::deusto::integration::test::LoginControllerI↩ Test, 104
org::ClientP::Application, 47
LoginDTO
org::dtos::LoginDTO, 105
loginWrongCredentials
com::deusto::integration::test::LoginControllerI↩ Test, 104

main
com::deusto::BookitApplication, 85
org::ClientP::Application, 47
org::GUI::Booking, 84
org::GUI::Login, 102
org::GUI::Register, 116
messagePreparator
com::deusto::builders::mail::Email, 91
mvc
com::deusto::integration::test::common::Abstract↩ IT, 24
org::test::common::AbstractIt, 23

newReserve
com::deusto::controllers::ReserveController, 141
com::deusto::integration::test::ReserveController↩ ITest, 142
newUser
org::GUI::Booking, 85
org::GUI::Login, 103
org::GUI::Register, 117

org, 20
org.ClientP.Application, 46
org.ClientP, 20
org.dtos, 21
org.dtos.AddressDTO, 43
org.dtos.BookDTO, 79
org.dtos.FilterDTO, 95
org.dtos.LoginDTO, 105
org.dtos.PersonDTO, 112
org.dtos.RegistrDTO, 127
org.dtos.ReserveDTO, 143
org.GUI.Booking, 83
org.GUI.Login, 102
org.GUI.Register, 116
org.GUI, 21
org.models, 21
org.models.Address, 32
org.models.Book, 59
org.models.Registr, 117
org.models.Reserve, 135
org.models.Token, 156
org.models.User, 166
org.security, 21
org.security.AuthenticationTokenFilter, 50
org.security.EntryPointUnauthorizedHandler, 93
org.security.SecurityUser, 147
org.security.TokenUtils, 159
org.test, 21
org.test.AppTest, 48
org.test.common, 22
org.test.common.AbstractIt, 23
org::ClientP::Application
getBooks, 47
getBooksFilter, 47
getToken, 47
login, 47
main, 47
registr1, 47
registr2, 48
reserve, 48
startConnectionGet, 48
org::GUI::Booking
actionPerformed, 84
Booking, 84
j, 84
main, 84
newUser, 85
org::GUI::Login
actionPerformed, 102
Login, 102

main, 102
newUser, 103
org::GUI::Register
actionPerformed, 116
j, 117
main, 116
newUser, 117
Register, 116
org::dtos::AddressDTO
getApartamentNumber, 43
getCity, 44
getCountry, 44
getHouseNumber, 44
getPostalCode, 44
getStreet, 44
setApartamentNumber, 44
setCity, 44
setCountry, 45
setHouseNumber, 45
setPostalCode, 45
setStreet, 45
org::dtos::BookDTO
getAgeLimit, 80
getAuthorFirstName, 80
getAuthorLastName, 80
getCount, 80
getDescription, 80
getGenre, 80
getPages, 81
getPublishDate, 81
getTags, 81
getTitle, 81
setAgeLimit, 81
setAuthorFirstName, 81
setAuthorLastName, 81
setCount, 82
setDescription, 82
setGenre, 82
setPages, 82
setPublishDate, 82
setTags, 82
setTitle, 82
org::dtos::FilterDTO
genre, 96
getGenre, 95
getReserveDate, 95
getReserveExpire, 95
getTitle, 95
setGenre, 96
setReserveDate, 96
setReserveExpire, 96
setTitle, 96
org::dtos::LoginDTO
getEmail, 105
getEncryptedPassword, 105
LoginDTO, 105
setEmail, 105
setEncryptedPassword, 106
org::dtos::PersonDTO
getAddress, 112
getBirthDate, 113
getCountryCode, 113
getEmail, 113
getPassword, 113
getPhone, 113
setAddress, 113
setBirthDate, 113
setCountryCode, 114
setEmail, 114
setPassword, 114
setPhone, 114
org::dtos::RegistrDTO
getEmail, 128
getFirstname, 128
getLastname, 128
setEmail, 128
setFirstname, 128
setLastname, 128
org::dtos::ReserveDTO
getBookId, 143
setBookId, 143
org::models::Address
Address, 33
getApartamentNumber, 33
getCity, 33
getCountry, 33
getHouseNumber, 34
getId, 34
getPostalCode, 34
getStreet, 34
setApartamentNumber, 34
setCity, 34
setCountry, 34
setHouseNumber, 35
setId, 35
setPostalCode, 35
setStreet, 35
org::models::Book
decrementCount, 59
getAgeLimit, 59
getAuthorFirstName, 59
getAuthorLastName, 59
getCount, 60
getDescription, 60
getGenre, 60
getId, 60
getPages, 60
getPublishDate, 60
getTags, 60
getTitle, 60
setAgeLimit, 61
setAuthorFirstName, 61
setAuthorLastName, 61
setCount, 61
setDescription, 61
setGenre, 61

setId, 61
setPages, 62
setPublishDate, 62
setTags, 62
setTitle, 62
org::models::Registr
getEmail, 117
getFirstname, 117
getId, 118
getLastname, 118
isActiv, 118
setActiv, 118
setEmail, 118
setFirstname, 118
setId, 118
setLastname, 119
org::models::Reserve
getBook, 136
getId, 136
getReserveDate, 136
getReserveExpire, 136
getUser, 136
setBook, 136
setId, 136
setReserveDate, 136
setReserveExpire, 137
setUser, 137
org::models::Token
getToken, 157
setToken, 157
org::models::User
getAddress, 166
getBirthDate, 167
getCountryCode, 167
getEmail, 167
getFirstname, 167
getId, 167
getLastname, 167
getPassword, 167
getPhone, 167
setAddress, 168
setBirthDate, 168
setCountryCode, 168
setEmail, 168
setFirstname, 168
setId, 168
setLastname, 168
setPassword, 169
setPhone, 169
User, 166
org::security::AuthenticationTokenFilter
doFilter, 50
org::security::EntryPointUnauthorizedHandler
commence, 93
org::security::SecurityUser
getAccountNonExpired, 148
getAccountNonLocked, 148
getAuthorities, 148
getCredentialsNonExpired, 149
getEmail, 149
getEnabled, 149
getId, 149
getLastPasswordReset, 149
getName, 149
getPassword, 149
getUsername, 149
isAccountNonExpired, 150
isAccountNonLocked, 150
isCredentialsNonExpired, 150
isEnabled, 150
SecurityUser, 148
setAccountNonExpired, 150
setAccountNonLocked, 150
setAuthorities, 150
setCredentialsNonExpired, 151
setEmail, 151
setEnabled, 151
setId, 151
setLastPasswordReset, 151
setPassword, 151
org::security::TokenUtils
canTokenBeRefreshed, 159
generateToken, 159
getAudienceFromToken, 159
getCreatedDateFromToken, 159
getExpirationDateFromToken, 159
getUsernameFromToken, 160
refreshToken, 160
validateToken, 160
org::test::AppTest
findAll, 48
getAllBooksFilter, 48
org::test::common::AbstractIt
env, 23
mvc, 23
remoteMongoDbRule, 23

pages
com::deusto::builders::BookBuilder, 67
password
com::deusto::builders::UserBuilder, 172
phone
com::deusto::builders::UserBuilder, 173
post
com::deusto::controllers::IndexController, 100
postalCode
com::deusto::builders::AddressBuilder, 38
publishDate
com::deusto::builders::BookBuilder, 67

README.md, 191
refreshToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 160
Register
org::GUI::Register, 116
registr1

org::ClientP::Application, 47
registr2
org::ClientP::Application, 48
registrRepository
com::deusto::unit::test::common::AbstractUT, 27
registrService
com::deusto::unit::test::common::AbstractUT, 27
remoteMongoDbRule
com::deusto::integration::test::common::Abstract↩ IT, 24
com::deusto::unit::test::common::AbstractUT, 27
org::test::common::AbstractIt, 23
reserve
org::ClientP::Application, 48
reserveWithZeroBooks
com::deusto::integration::test::ReserveController↩ ITest, 142

secondStep
com::deusto::controllers::RegistrController, 124
SecurityUser
com::deusto::security::SecurityUser, 152
org::security::SecurityUser, 148
ServerB/src/main/java/com/deusto/BookitApplication.↩ java, 191
ServerB/src/main/java/com/deusto/SwaggerConfigs.↩ java, 198
ServerB/src/main/java/com/deusto/WebSecurity↩ Configs.java, 198
ServerB/src/main/java/com/deusto/builders/Address↩ Builder.java, 191
ServerB/src/main/java/com/deusto/builders/Book↩ Builder.java, 191
ServerB/src/main/java/com/deusto/builders/Registr↩ Builder.java, 192
ServerB/src/main/java/com/deusto/builders/Reserve↩ Builder.java, 192
ServerB/src/main/java/com/deusto/builders/User↩ Builder.java, 192
ServerB/src/main/java/com/deusto/builders/mail/↩ Email.java, 192
ServerB/src/main/java/com/deusto/controllers/Book↩ Controller.java, 193
ServerB/src/main/java/com/deusto/controllers/Index↩ Controller.java, 193
ServerB/src/main/java/com/deusto/controllers/Login↩ Controller.java, 193
ServerB/src/main/java/com/deusto/controllers/Registr↩ Controller.java, 193
ServerB/src/main/java/com/deusto/controllers/Reserve↩ Controller.java, 194
ServerB/src/main/java/com/deusto/dtos/AddressDTO.↩ java, 181
ServerB/src/main/java/com/deusto/dtos/BookDTO.java, 182
ServerB/src/main/java/com/deusto/dtos/FilterDTO.java, 182
ServerB/src/main/java/com/deusto/dtos/LoginDTO.java, 183
ServerB/src/main/java/com/deusto/dtos/PersonDTO.↩ java, 183
ServerB/src/main/java/com/deusto/dtos/RegistrDTO.↩ java, 184
ServerB/src/main/java/com/deusto/dtos/ReserveDTO.↩ java, 184
ServerB/src/main/java/com/deusto/forms/email/Email↩ Field.java, 194
ServerB/src/main/java/com/deusto/forms/email/↩ RegistrForm.java, 194
ServerB/src/main/java/com/deusto/models/Address.↩ java, 186
ServerB/src/main/java/com/deusto/models/Book.java, 186
ServerB/src/main/java/com/deusto/models/Registr.java, 187
ServerB/src/main/java/com/deusto/models/Reserve.↩ java, 187
ServerB/src/main/java/com/deusto/models/User.java, 188
ServerB/src/main/java/com/deusto/repositories/↩ AddressRepository.java, 194
ServerB/src/main/java/com/deusto/repositories/Book↩ Repository.java, 195
ServerB/src/main/java/com/deusto/repositories/↩ RegistrRepository.java, 195
ServerB/src/main/java/com/deusto/repositories/↩ ReserveRepository.java, 195
ServerB/src/main/java/com/deusto/repositories/User↩ Repository.java, 195
ServerB/src/main/java/com/deusto/security/Authentication↩ Service.java, 196
ServerB/src/main/java/com/deusto/security/Authentication↩ TokenFilter.java, 188
ServerB/src/main/java/com/deusto/security/Entry↩ PointUnauthorizedHandler.java, 189
ServerB/src/main/java/com/deusto/security/Security↩ User.java, 189
ServerB/src/main/java/com/deusto/security/Token↩ Utils.java, 190
ServerB/src/main/java/com/deusto/security/User↩ DetailsServiceImpl.java, 196
ServerB/src/main/java/com/deusto/services/Book↩ Service.java, 196
ServerB/src/main/java/com/deusto/services/Registr↩ Service.java, 197
ServerB/src/main/java/com/deusto/services/Reserve↩ Service.java, 197
ServerB/src/main/java/com/deusto/services/User↩ Service.java, 197
ServerB/src/main/java/com/deusto/services/mail/↩ EmailService.java, 196
ServerB/src/main/java/com/deusto/services/template/↩ FreeMarkerService.java, 197
ServerB/src/main/resources/db/changes/firstChange↩ Set.js, 198
ServerB/src/test/java/com/deusto/integration/test/↩ BookControllerITest.java, 198

ServerB/src/test/java/com/deusto/integration/test/↩
IndexControllerITest.java, 198
ServerB/src/test/java/com/deusto/integration/test/↩
LoginControllerITest.java, 199
ServerB/src/test/java/com/deusto/integration/test/↩
RegistrControllerITest.java, 199
ServerB/src/test/java/com/deusto/integration/test/↩
ReserveControllerITest.java, 199
ServerB/src/test/java/com/deusto/integration/test/↩
UserControllerITest.java, 199
ServerB/src/test/java/com/deusto/integration/test/common/↩
AbstractIT.java, 191
ServerB/src/test/java/com/deusto/unit/test/builders/↩
AddressBuilderUTest.java, 200
ServerB/src/test/java/com/deusto/unit/test/builders/↩
BookBuilderUTest.java, 200
ServerB/src/test/java/com/deusto/unit/test/builders/↩
RegistrBuilderUTest.java, 200
ServerB/src/test/java/com/deusto/unit/test/builders/↩
UserBuilderUTest.java, 200
ServerB/src/test/java/com/deusto/unit/test/common/↩
AbstractUT.java, 201
ServerB/src/test/java/com/deusto/unit/test/dtos/↩
AddressDTOUTest.java, 201
ServerB/src/test/java/com/deusto/unit/test/dtos/Book↩
DTOUTest.java, 201
ServerB/src/test/java/com/deusto/unit/test/dtos/Login↩
DTOUTest.java, 201
ServerB/src/test/java/com/deusto/unit/test/dtos/↩
PersonDTOUTest.java, 202
ServerB/src/test/java/com/deusto/unit/test/dtos/↩
RegistrDTOUTest.java, 202
ServerB/src/test/java/com/deusto/unit/test/forms/↩
RegistrFormUTest.java, 202
ServerB/src/test/java/com/deusto/unit/test/repositories/↩
BookRepositoryUTest.java, 202
ServerB/src/test/java/com/deusto/unit/test/repositories/↩
RegistrRepostoryUTest.java, 203
ServerB/src/test/java/com/deusto/unit/test/repositories/↩
UserRepositoryUTest.java, 203
ServerB/src/test/java/com/deusto/unit/test/services/↩
AuthenticationServiceUTest.java, 203
ServerB/src/test/java/com/deusto/unit/test/services/↩
BookServiceUTest.java, 203
ServerB/src/test/java/com/deusto/unit/test/services/↩
RegistrServiceUTest.java, 204
ServerB/src/test/java/com/deusto/unit/test/services/↩
UserServiceUTest.java, 204
ServerB/target/classes/db/changes/firstChangeSet.js,
198
setAccountNonExpired
com::deusto::security::SecurityUser, 154
org::security::SecurityUser, 150
setAccountNonLocked
com::deusto::security::SecurityUser, 155
org::security::SecurityUser, 150
setActiv
com::deusto::models::Registr, 120
org::models::Registr, 118
setAddress
com::deusto::dtos::PersonDTO, 110
com::deusto::models::User, 163
org::dtos::PersonDTO, 113
org::models::User, 168
setAgeLimit
com::deusto::dtos::BookDTO, 76
com::deusto::models::Book, 55
org::dtos::BookDTO, 81
org::models::Book, 61
setApartamentNumber
com::deusto::dtos::AddressDTO, 41
com::deusto::models::Address, 30
org::dtos::AddressDTO, 44
org::models::Address, 34
setAuthorFirstName
com::deusto::dtos::BookDTO, 77
com::deusto::models::Book, 56
org::dtos::BookDTO, 81
org::models::Book, 61
setAuthorLastName
com::deusto::dtos::BookDTO, 77
com::deusto::models::Book, 56
org::dtos::BookDTO, 81
org::models::Book, 61
setAuthorities
com::deusto::security::SecurityUser, 155
org::security::SecurityUser, 150
setBirthDate
com::deusto::dtos::PersonDTO, 111
com::deusto::models::User, 163
org::dtos::PersonDTO, 113
org::models::User, 168
setBook
com::deusto::models::Reserve, 139
org::models::Reserve, 136
setBookId
com::deusto::dtos::ReserveDTO, 144
org::dtos::ReserveDTO, 143
setCity
com::deusto::dtos::AddressDTO, 42
com::deusto::models::Address, 30
org::dtos::AddressDTO, 44
org::models::Address, 34
setCount
com::deusto::dtos::BookDTO, 77
com::deusto::models::Book, 56
org::dtos::BookDTO, 82
org::models::Book, 61
setCountry
com::deusto::dtos::AddressDTO, 42
com::deusto::models::Address, 31
org::dtos::AddressDTO, 45
org::models::Address, 34
setCountryCode
com::deusto::dtos::PersonDTO, 111
com::deusto::models::User, 164

org::dtos::PersonDTO, 114
org::models::User, 168
setCredentialsNonExpired
com::deusto::security::SecurityUser, 155
org::security::SecurityUser, 151
setDescription
com::deusto::dtos::BookDTO, 77
com::deusto::models::Book, 56
org::dtos::BookDTO, 82
org::models::Book, 61
setEmail
com::deusto::dtos::LoginDTO, 107
com::deusto::dtos::PersonDTO, 111
com::deusto::dtos::RegistrDTO, 126
com::deusto::forms::email::RegistrForm, 131
com::deusto::models::Registr, 121
com::deusto::models::User, 164
com::deusto::security::SecurityUser, 155
org::dtos::LoginDTO, 105
org::dtos::PersonDTO, 114
org::dtos::RegistrDTO, 128
org::models::Registr, 118
org::models::User, 168
org::security::SecurityUser, 151
setEnabled
com::deusto::security::SecurityUser, 155
org::security::SecurityUser, 151
setEncryptedPassword
com::deusto::dtos::LoginDTO, 107
org::dtos::LoginDTO, 106
setFirstname
com::deusto::dtos::RegistrDTO, 127
com::deusto::forms::email::RegistrForm, 132
com::deusto::models::Registr, 121
com::deusto::models::User, 164
org::dtos::RegistrDTO, 128
org::models::Registr, 118
org::models::User, 168
setGenre
com::deusto::dtos::BookDTO, 78
com::deusto::dtos::FilterDTO, 98
com::deusto::models::Book, 57
org::dtos::BookDTO, 82
org::dtos::FilterDTO, 96
org::models::Book, 61
setHouseNumber
com::deusto::dtos::AddressDTO, 42
com::deusto::models::Address, 31
org::dtos::AddressDTO, 45
org::models::Address, 35
setId
com::deusto::models::Address, 31
com::deusto::models::Book, 57
com::deusto::models::Registr, 121
com::deusto::models::Reserve, 140
com::deusto::models::User, 164
com::deusto::security::SecurityUser, 155
org::models::Address, 35
org::models::Book, 61
org::models::Registr, 118
org::models::Reserve, 136
org::models::User, 168
org::security::SecurityUser, 151
setLastPasswordReset
com::deusto::security::SecurityUser, 155
org::security::SecurityUser, 151
setLastname
com::deusto::dtos::RegistrDTO, 127
com::deusto::forms::email::RegistrForm, 132
com::deusto::models::Registr, 121
com::deusto::models::User, 165
org::dtos::RegistrDTO, 128
org::models::Registr, 119
org::models::User, 168
setPages
com::deusto::dtos::BookDTO, 78
com::deusto::models::Book, 57
org::dtos::BookDTO, 82
org::models::Book, 62
setPassword
com::deusto::dtos::PersonDTO, 111
com::deusto::models::User, 165
com::deusto::security::SecurityUser, 156
org::dtos::PersonDTO, 114
org::models::User, 169
org::security::SecurityUser, 151
setPhone
com::deusto::dtos::PersonDTO, 112
com::deusto::models::User, 165
org::dtos::PersonDTO, 114
org::models::User, 169
setPostalCode
com::deusto::dtos::AddressDTO, 42
com::deusto::models::Address, 32
org::dtos::AddressDTO, 45
org::models::Address, 35
setPublishDate
com::deusto::dtos::BookDTO, 78
com::deusto::models::Book, 58
org::dtos::BookDTO, 82
org::models::Book, 62
setReserveDate
com::deusto::dtos::FilterDTO, 98
com::deusto::models::Reserve, 140
org::dtos::FilterDTO, 96
org::models::Reserve, 136
setReserveExpire
com::deusto::dtos::FilterDTO, 99
com::deusto::models::Reserve, 140
org::dtos::FilterDTO, 96
org::models::Reserve, 137
setStreet
com::deusto::dtos::AddressDTO, 43
com::deusto::models::Address, 32
org::dtos::AddressDTO, 45
org::models::Address, 35

setTags
com::deusto::dtos::BookDTO, 79
com::deusto::models::Book, 58
org::dtos::BookDTO, 82
org::models::Book, 62
setTitle
com::deusto::dtos::BookDTO, 79
com::deusto::dtos::FilterDTO, 99
com::deusto::models::Book, 58
org::dtos::BookDTO, 82
org::dtos::FilterDTO, 96
org::models::Book, 62
setToken
org::models::Token, 157
setUrl
com::deusto::forms::email::RegistrForm, 132
setUser
com::deusto::models::Reserve, 140
org::models::Reserve, 137
setup
com::deusto::unit::test::common::AbstractUT, 26
startConnectionGet
org::ClientP::Application, 48
street
com::deusto::builders::AddressBuilder, 38
subject
com::deusto::builders::mail::Email, 91

tags
com::deusto::builders::BookBuilder, 67
text
com::deusto::builders::mail::Email, 92
title
com::deusto::builders::BookBuilder, 69
to
com::deusto::builders::mail::Email, 92

unAuth
com::deusto::controllers::IndexController, 100
unauth
com::deusto::integration::test::IndexControllerITest, 101
update
com::deusto::services::BookService, 90
com::deusto::services::RegistrService, 135
com::deusto::services::ReserveService, 147
com::deusto::services::UserService, 178
User
org::models::User, 166
userRepository
com::deusto::unit::test::common::AbstractUT, 27
userService
com::deusto::unit::test::common::AbstractUT, 28

validAdderessBuilder
com::deusto::unit::test::builders::AddressBuilderUTest, 39
validAdderessBuilderMethodStyle
com::deusto::unit::test::builders::AddressBuilderUTest, 39
validBookBuilderMethodStyle
com::deusto::unit::test::builders::BookBuilderUTest, 70
validBookBuilderUTest
com::deusto::unit::test::builders::BookBuilderUTest, 70
validBookDTO
com::deusto::unit::test::dtos::AddressDTOUTest, 46
com::deusto::unit::test::dtos::BookDTOUTest, 83
validLoginDTO
com::deusto::unit::test::dtos::LoginDTOUTest, 108
validPersonDTO
com::deusto::unit::test::dtos::PersonDTOUTest, 115
validPostRegistr
com::deusto::integration::test::RegistrControllerITest, 125
validRegistrBuilder
com::deusto::unit::test::builders::RegistrBuilderUTest, 123
validRegistrDTO
com::deusto::unit::test::dtos::RegistrDTOUTest, 130
validUserBuilder
com::deusto::unit::test::builders::UserBuilderUTest, 174
validUserBuilderMethodStyle
com::deusto::unit::test::builders::UserBuilderUTest, 174
validate
com::deusto::unit::test::common::AbstractUT, 26
validateToken
com::deusto::security::TokenUtils, 158
org::security::TokenUtils, 160
validator
com::deusto::unit::test::common::AbstractUT, 28