CriarSolicitacaoMuseuCommand

- tableGateway : SolicitacaoMuseuTableGateway
- solicitacao: SolicitacaoMuseuDTO

+ CriarSolicitacaoMuseuCommand(String,String,String,String,String,String,String)

CriarGestorCommand

- gestorTableGateway: GestorTableGateway
- solicitacao: SolicitacaoMuseuDTO

+ CriarGestorCommand(SolicitacaoMuseuDTO)

VerificarSolicitacaoMuseuCommand

- solicitacaoMuseuTableGateway : SolicitacaoMuseuTableGateway
- solicitacaoId : int
- solicitacao : SolicitacaoMuseuDTO

+ VerificarSolicitacaoMuseuCommand(int)
# buscarSolicitacao() : void
# isValid() : boolean
# isValidCidade() : boolean
# isValidEstado() : boolean
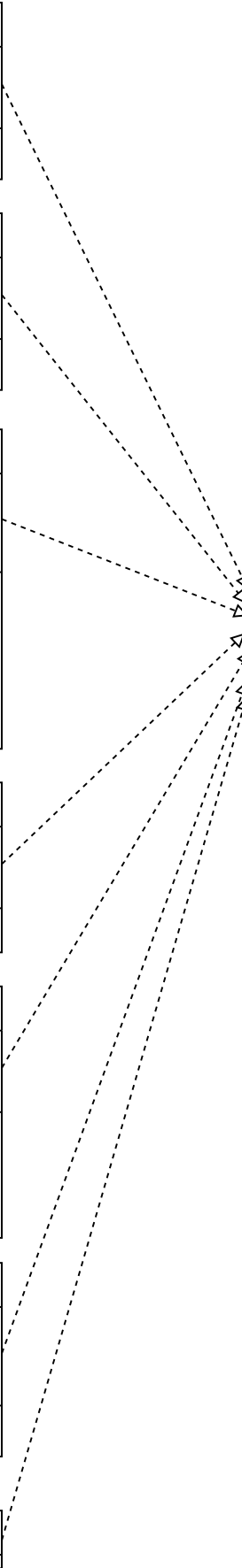# isValidDataCriacao() : boolean

TransformaUsuarioGestorCommand

- gestorTableGateway: GestorTableGateway
- usuario : UsuarioDTO

+ TransformaUsuarioGestorCommand(UsuarioDTO)

VerificaCriarGestorCommand

- usuarioTableGateway: UsuarioTableGateway
- solicitacaoId : int

+ VerificaCriarGestorCommand(SolicitacaoMuseuDTO)
# isValidNome() : boolean
# isValidCpf() : boolean
# isValidSenha() : boolean

CriarMuseuCommand

- museuTableGateway : MuseuTableGateway
- gestor : UsuarioDTO
- solicitacao : SolicitacaoMuseuDTO

+ CriarMuseuCommand(SolicitacaoMuseuDTO, UsuarioDTO)

ListarSolicitacoesMuseuCommand

«interface»
Command

+ execute()

StartupListener

- logger : Logger

+ contextInitialized(ServletContextEvent): void
+ contextDestroyed(ServletContextEvent): void

SolicitacaoMuseuServlet

doPost(HttpServletRequest,HttpServletResponse)
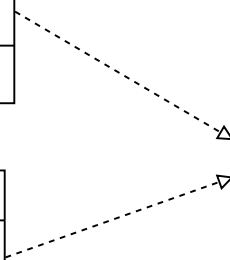# doGet(HttpServletRequest, HttpServletResponse)

CriarGestorServlet

doPost(HttpServletRequest,HttpServletResponse)
doGet(HttpServletRequest, HttpServletResponse)

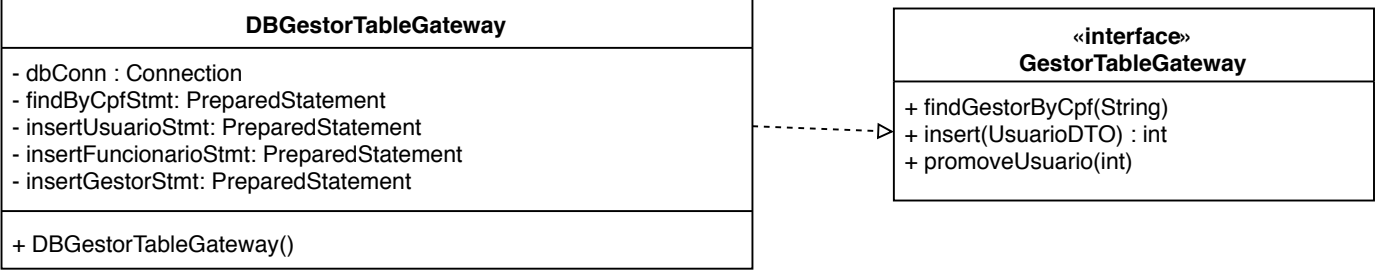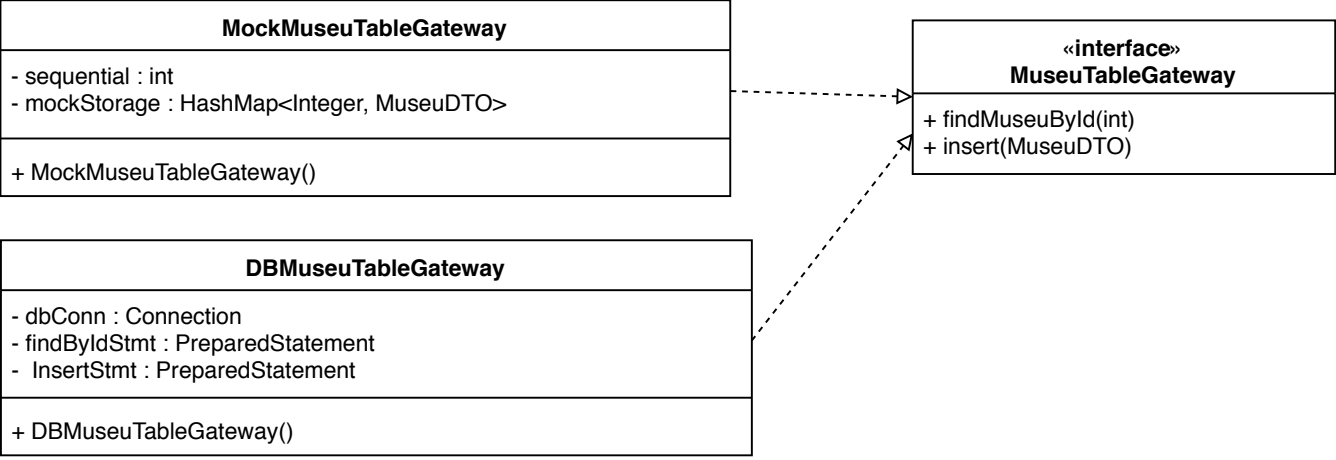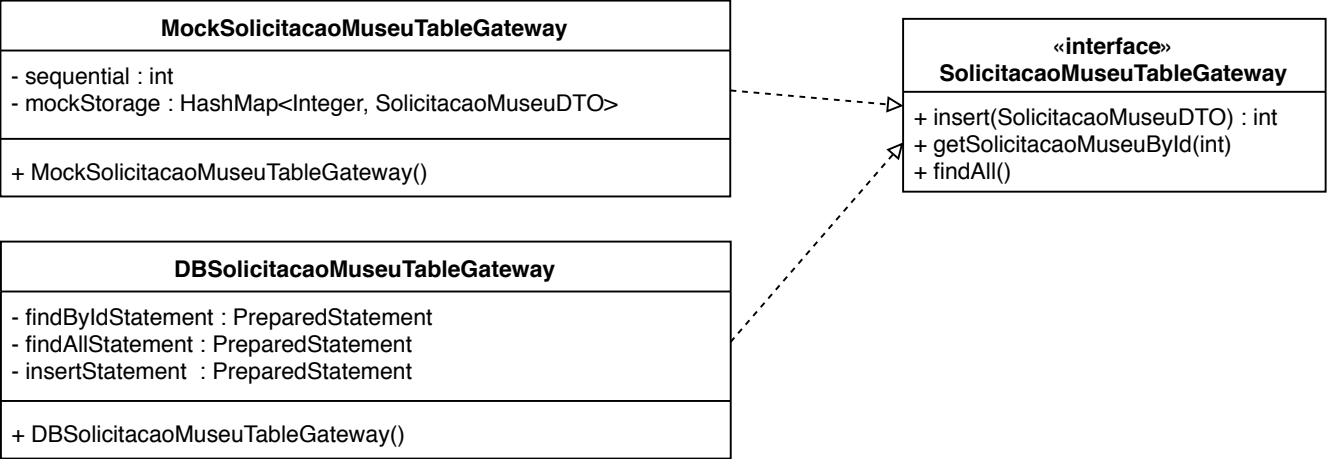## CriarMuseuServlet

doPost(HttpServletRequest,HttpServletResponse)
doGet(HttpServletRequest, HttpServletResponse)

MockUsuarioTableGateway

- mockStorage : HashMap<String, UsuarioDTO>

+ MockUsuarioTableGateway()

DBUsuarioTableGateway

- dbConn : Connection
- findByCpfStmt : PreparedStatement

+ DBUsuarioTableGateway()

«interface»
UsuarioTableGateway

+ findUsuarioByCpf(String)

MockSolicitacaoMuseuTableGateway

- sequential : int
- mockStorage : HashMap<Integer, SolicitacaoMuseuDTO>

+ MockSolicitacaoMuseuTableGateway()

«interface»
SolicitacaoMuseuTableGateway

+ insert(SolicitacaoMuseuDTO) : int
+ getSolicitacaoMuseuById(int)
+ findAll()

DBSolicitacaoMuseuTableGateway

- findByIdStatement : PreparedStatement
- findAllStatement : PreparedStatement
- insertStatement : PreparedStatement

+ DBSolicitacaoMuseuTableGateway()

MockMuseuTableGateway

- sequential : int
- mockStorage : HashMap<Integer, MuseuDTO>

+ MockMuseuTableGateway()

«interface»
MuseuTableGateway

+ findMuseuById(int)
+ insert(MuseuDTO)

DBMuseuTableGateway

- dbConn : Connection
- findByIdStmt : PreparedStatement
- InsertStmt : PreparedStatement

+ DBMuseuTableGateway()

DBGestorTableGateway

- dbConn : Connection
- findByCpfStmt: PreparedStatement
- insertUsuarioStmt: PreparedStatement
- insertFuncionarioStmt: PreparedStatement
- insertGestorStmt: PreparedStatement

+ DBGestorTableGateway()

«interface»
GestorTableGateway

+ findGestorByCpf(String)
+ insert(UsuarioDTO) : int
+ promoveUsuario(int)

UsuarioDTO

- id : int
- nome : String
- cpf : String
- senha : String

- UsuarioDTO(int,String,String,String)
+ getId() : int
+ getCpf() : String
+ getNome() : String
+ getSenha() : String

UsuarioDTOBuilder

- id : int
- nome : String
- cpf : String
- senha : String

+ setId(int) : UsuarioDTOBuilder
+ setCpf(String) : UsuarioDTOBuilder
+ setNome(String) : UsuarioDTOBuilder
+ setSenha(String) : UsuarioDTOBuilder
+ build() : UsuarioDTO

DatabaseConnectionSingleton

- instance : DatabaseConnectionSingleton
- dbString : String

- DatabaseConnectionSingleton()
+ getInstance() : DatabaseConnectionSingleton
+ getConnection() : Connection
+ shutdown() : void
- ensureDatabaseStructure() : void

SolicitacaoMuseuDTO

- id : int
- nome : String
- dataCriacao : String
- cidade : String
- estado : String
- cpfGestor : String
- nomeGestor : String
- senhaGestor : String

- SolicitacaoMuseuDTO(int,String,String,String,String,String,String,String)
+ getId() : int
+ getNome() : String
+ getDataCriacao() : String
+ getCidade() : String
+ getEstado() : String
+ getCpfGestor() : String
+ getNomeGestor() : String
+ getSenhaGestor() : String

SolicitacaoMuseuDTOBuilder

- id : int
- nome : String
- dataCriacao : String
- cidade : String
- estado : String
- cpfGestor : String
- nomeGestor : String
- senhaGestor : String

+ setId(int) : SolicitacaoMuseuDTOBuilder
+ setNome(String) : SolicitacaoMuseuDTOBuilder
+ setDataCriacao(String) : SolicitacaoMuseuDTOBuilder
+ setCidade(String) : SolicitacaoMuseuDTOBuilder
+ setEstado(String) : SolicitacaoMuseuDTOBuilder
+ setCpfGestor(String) : SolicitacaoMuseuDTOBuilder
+ setNomeGestor(String) : SolicitacaoMuseuDTOBuilder
+ setSenhaGestor(String) : SolicitacaoMuseuDTOBuilder
+ build() : SolicitacaoMuseuDTO

MuseuDTO

- id : int
- nome : String
- dataCriacao : LocalDate
- cidade : String
- estado : String
- idGestor: int

- MuseuDTO(String,LocalDate,String,String,int)
+ getId() : int
+ getNome() : String
+ getDataCriacao() : String
+ getCidade() : String
+ getEstado() : String
+ getIdGestor() : String

MuseuDTOBuilder

- id : int
- nome : String
- dataCriacao : LocalDate
- cidade : String
- estado : String
- idGestor : int

+ setId(int) : MuseuDTO
+ setNome(String) : MuseuDTO
+ setDataCriacao(String) : MuseuDTO
+ setCidade(String) : MuseuDTO
+ setEstado(String) : MuseuDTO
+ setIdGestor(String) : MuseuDTO
+ build() : MuseuDTO