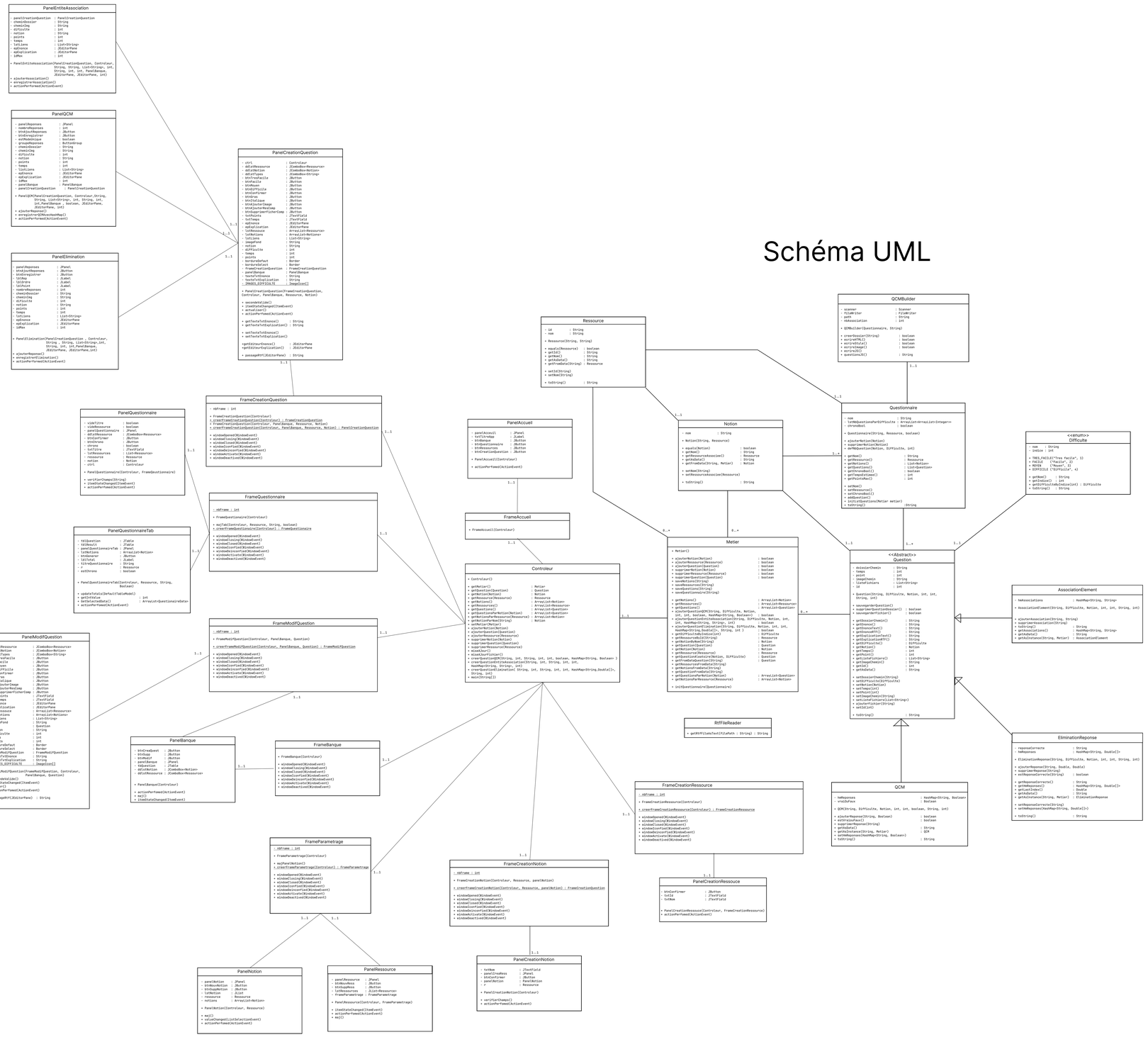
Schéma UML


PanelEntiteAssociation
- panelCreationQuestion : PanelCreationQuestion
- cheminDossier : String
- cheminIng : String
- cheminSon : String
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- idMax : int
+ PanelEntiteAssociation(PanelCreationQuestion, Controleur, String, String, List<String>, int, String, int, int, PanelBanque, JEditorPane, JEditorPane, int)
+ ajouterAssociation()
+ enregistrerAssociation()
+ actionPerformed(ActionEvent)
PanelQCM
- panelReponses : JPanel
- nombreReponses : int
- btnAjouterReponses : JButton
- btnEnregistrer : JButton
- btnRetour : JButton
- groupeReponses : ButtonGroup
- cheminDossier : String
- cheminIng : String
- difficulte : int
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- idMax : int
- panelBanque : PanelBanque
- panelCreationQuestion : PanelCreationQuestion
+ PanelQCM(PanelCreationQuestion, Controleur, String, String, int, String, int, int, boolean, HashMap<String, Double[]>, PanelBanque, boolean, JEditorPane, JEditorPane, int)
+ ajouterReponse()
+ enregistrerQCMNouveauMap()
+ actionPerformed(ActionEvent)
PanelCreationQuestion
- ctrl : Controleur
- dditeRessource : JComboBox<Ressource>
- dditeNotion : JComboBox<Notion>
- dditeTypes : JComboBox<String>
- btnTreFacile : JButton
- btnFacile : JButton
- btnMoyen : JButton
- btnDifficile : JButton
- btnTreDifficile : JButton
- btnEnd : JButton
- btnEtalage : JButton
- btnAjouterImage : JButton
- btnAjouterRecEnsemble : JButton
- btnSupprimerFichierCamp : JButton
- txtPoints : JTextField
- txtTemps : JTextField
- lstNotions : ArrayList<Notions>
- egExplication : JEditorPane
- lstRessource : ArrayList<Ressource>
- lstNotions : ArrayList<Notions>
- lstLiens : List<String>
- imageFond : String
- id : Question
- notion : String
- difficulte : int
- temps : int
- points : int
- bordureDefaut : Border
- bordureSelect : Border
- panelCreationQuestion : PanelCreationQuestion
- panelBanque : PanelBanque
- texteTxtEnonce : String
- texteTxtExplication : String
- IMAGES_DIFFICULTE : ImageIcon[]
+ PanelCreationQuestion(FrameCreationQuestion, Controleur, PanelBanque, Ressource, Notion)
+ secondeVie()
+ itemStateChanged(ItemEvent)
+ actualiser()
+ actionPerformed(ActionEvent)
+ getTexteTxtEnonce() : String
+ getTexteTxtExplication() : String
+ setTexteTxtEnonce()
+ setTexteTxtExplication()
+ getEditeurEnonce() : JEditorPane
+ getEditeurExplication() : JEditorPane
+ passageRtfC(JEditorPane) : String
PanelElimination
- panelReponses : JPanel
- btnAjouterReponses : JButton
- btnEnregistrer : JButton
- btnRetour : JButton
- lstOrdre : JLabel
- lstPoint : JLabel
- nombreReponses : int
- cheminDossier : String
- cheminIng : String
- difficulte : int
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- idMax : int
+ PanelElimination(PanelCreationQuestion , Controleur, String , String , String, List<String>,int, String, int, int,PanelBanque, JEditorPane, JEditorPane,int)
+ ajouterReponse()
+ enregistrerElimination()
+ actionPerformed(ActionEvent)
Ressource
- id : String
- nom : String
+ Ressource(String, String)
+ equals(Ressource) : boolean
+ getId() : String
+ getNom() : String
+ getAsData() : String
+ getFromData(String) : Ressource
+ setId(String)
+ setNom(String)
+ toString() : String
QCMBuilder
- scanner : Scanner
- fileWriter : FileWriter
- path : String
- nbAssociation : int
+ QCMBuilder(Questionnaire, String)
+ creerDossier(String) : boolean
+ ecrirePETR() : boolean
+ ecrirEtyle() : boolean
+ ecrirEnonce() : boolean
+ ecrirIng() : String
+ questions2() : String
Questionnaire
- nom : String
- lstNbQuestionsParDifficulte : ArrayList<ArrayList<Integer>>
- chronoBool : boolean
+ Questionnaire(String, Ressource, boolean)
+ ajouterNotion(Notion)
+ supprimerNotion(Notion)
+ deMAQuestion(Notion, DifFiculte, int)
+ getBool() : String
+ getRessource() : Ressource
+ getNotions() : List<Notion>
+ getQuestions() : List<Question>
+ getChronoBool() : boolean
+ getTempsEtimee() : int
+ getPointsMax() : int
+ setBool()
+ setRessource()
+ setChronoBool()
+ setTempsEtimee()
+ initLstQuestionsDeMetier metier()
+ toString() : String
<<enum>>
Difficulte
- nom : String
- ordre : int
+ TRES_FACILE("Tres Facile", 1)
+ FACILE ("Facile", 2)
+ MOYEN ("Moyen", 3)
+ DIFFICILE ("Difficile", 4)
+ getNom() : String
+ getOrdre() : int
+ getDifFiculteByIndice(int) : DifFiculte
+ toString() : String
PanelAccueil
- panelAccueil : JPanel
- btnNouveau : JButton
- btnBanque : JButton
- btnQuestionnaire : JButton
- btnRessources : JButton
- btnCreationQuestion : JButton
+ PanelAccueil(Controleur)
+ actionPerformed(ActionEvent)
Notion
- nom : String
+ Notion(String, Ressource)
+ equals(Notion) : boolean
+ getNom() : String
+ getRessourceAssociee() : Ressource
+ getAsData() : String
+ getFromData(String, Metier) : Notion
+ setNom(String)
+ setRessourceAssociee(Ressource)
+ toString() : String
FrameCreationQuestion
- nbFrame : int
+ FrameCreationQuestion(Controleur)
+ creerFrameCreationQuestion(Controleur) : FrameCreationQuestion
+ FrameCreationQuestion(Controleur, PanelBanque, Ressource, Notion)
+ creerFrameCreationQuestion(Controleur, PanelBanque, Ressource, Notion) : PanelCreationQuestion
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
PanelQuestionnaire
- idFrame : int
- ressource : Ressource
- panelQuestionnaire : JPanel
- ddlsRessource : JComboBox<Ressource>
- btnAjouter : JButton
- btnCreeno : JButton
- chrono : boolean
- txfTitre : JTextField
- lstRessources : List<Ressource>
- cheminDossier : String
- notion : Notion
- ctrl : Controleur
+ PanelQuestionnaire(Controleur, frameQuestionnaire)
+ verifierChange(String)
+ itemStateChanged(ItemEvent)
+ actionPerformed(ActionEvent)
FrameQuestionnaire
- nbFrame : int
+ FrameQuestionnaire(Controleur)
+ majTab(Controleur, Ressource, String, boolean)
+ creerFrameQuestionnaire(Controleur) : FrameQuestionnaire
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
PanelQuestionnaireTab
- btlQuestion : JTable
- btnAjouter : JButton
- panelQuestionnaireTab : JPanel
- lstNotions : ArrayList<Notion>
- btnNouveau : JButton
- btnSauver : JButton
- lblTxtSat : JLabel
- lstRessources : List<Ressource>
- frameQuestionnaire : Ressource
- estChrono : boolean
+ PanelQuestionnaireTab(Controleur, Ressource, String, Boolean)
+ updateTeteLisIbFaultTableModel()
+ getInfoValue() : int
+ GetSelectedData() : ArrayList<QuestionsinRedata>
+ actionPerformed(ActionEvent)
Controleur
+ Controleur()
+ getMetier() : Metier
+ getQuestion(Question) : Question
+ getNotion(Notion) : Notion
+ getRessource(Ressource) : Ressource
+ getNotions() : ArrayList<Notion>
+ getRessources() : ArrayList<Ressource>
+ getQuestions() : ArrayList<Question>
+ getQuestionsNotion(Notion) : ArrayList<Question>
+ getNotionsPaRRessource(Ressource) : ArrayList<Notion>
+ getNotionParNom(String) : Notion
+ setMetier(Metier)
+ ajouterNotion(Notion)
+ ajouterQuestion(Question)
+ ajouterRessource(Ressource)
+ supprimerNotion(Notion)
+ supprimerQuestion(Question)
+ supprimerRessource(Ressource)
+ miseAJour()
+ miseAJourFichiers()
+ creerQuestionQCM(String, int, String, int, int, boolean, HashMap<String, Boolean>) : QuestionQCM(String, int, String, int, int, boolean, HashMap<String, int>)
+ creerQuestionFichier(String, int, String, int, int, HashMap<String,Double[]>, String, int)
+ creerQuestionLimination(String, int, String, int, int, HashMap<String,Double[]>, String, int)
+ main(String[])
Metier
+ Metier()
+ ajouterNotion(Notion) : boolean
+ ajouterRessource(Ressource) : boolean
+ ajouterQuestion(Question) : boolean
+ supprimerNotion(Notion) : boolean
+ supprimerRessource(Ressource) : boolean
+ supprimerQuestion(Question) : boolean
+ saveNotions(String) : boolean
+ saveRessources(String)
+ saveQuestions(String)
+ saveQuestionsaire(String)
+ getNotions() : ArrayList<Notion>
+ getRessources() : ArrayList<Ressource>
+ getQuestions() : ArrayList<Question>
+ ajouterQuestionQCM(String, DifFiculte, Notion, int, int, boolean, HashMap<String, Boolean>) : boolean
+ ajouterQuestionEntiteAssociation(String, DifFiculte, Notion, int, int, String, int) : boolean
+ ajouterQuestionLimination(String, DifFiculte, Notion, int, int, HashMap<String,Double[]>, String, int) : boolean
+ getQuestionsNotion(Notion) : ArrayList<Question>
+ getRessourceNbQuestions(Ressource) : Ressource
+ getNotionByNom(String) : Notion
+ getQuestion(Question) : Question
+ getNotion(Notion) : Notion
+ getRessource(Ressource) : Ressource
+ getQuestionFiltreir(Notion, DifFiculte) : Question
+ getFromDataQuestion(String) : Question
+ getRessourceFromData(String)
+ getNotionsFromData(String)
+ getQuestionsFromData(String)
+ getQuestionsParNotion(Notion) : ArrayList<Question>
+ getNotionsParRessource(Ressource) : ArrayList<Notion>
+ initQuestionsaireQuestionnaire()
Question
- dossierChemin : String
- temps : int
- point : int
- imageChemin : String
- lstPoints : ArrayList<String>
- id : int
+ Question(String, DifFiculte, Notion, int, int, String, int)
+ sauvegarderQuestion() : boolean
+ supprimerQuestionDossier() : boolean
+ sauvegarderFichier() : boolean
+ getDossierChemin() : String
+ getEnonce() : String
+ getEnoncePlus() : String
+ getImageChemin() : String
+ getEtalisationText() : String
+ getEtalisationRTF() : String
+ getDifFiculte() : DifFiculte
+ getNotion() : Notion
+ getTemps() : int
+ getPoint() : int
+ getListeFichiers() : List<String>
+ getImageChemin() : String
+ getId() : int
+ getAsData() : String
+ setDossierChemin(String)
+ setDifFiculte(DifFiculte)
+ setNotion(Notion)
+ setTempsint)
+ setPointint)
+ setImageChemin(String)
+ setListeFichiersClist<String>)
+ ajouterFichier(String)
+ setId(int)
+ toString() : String
<<Abstract>>
Question
AssociationElement
- hmAssociations : HashMap<String, String>
+ AssociationElement(String, DifFiculte, Notion, int, int, String, int)
+ ajouterAssociation(String, String)
+ getAssociationAssociation(String) : String
+ toString() : String
+ getAssociations() : HashMap<String, String>
+ getAsData() : String
+ getAsInstance(String, Metier) : AssociationElement
RtfFileReader
+ getRtfFileAsText(FilePath : String) : String
PanelCreationQuestion
- panelCreationQuestion : JPanel
- btnAjouter : JButton
- btnEnregistrer : JButton
- btnRetour : JButton
- nombreReponses : int
- cheminDossier : String
- cheminIng : String
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- idMax : int
- panelBanque : PanelBanque
- panelModifQuestion : PanelModifQuestion
+ PanelCreationQuestion(Controleur, frameCreationQuestion, String, List<String>, PanelBanque, JEditorPane, JEditorPane, Question)
+ ajouterReponse()
+ enregistrerQuestion()
+ actionPerformed(ActionEvent)
PanelModifEntiteAssociation
- panelAssociation : JPanel
- btnAjouterAssociation : JButton
- btnEnregistrer : JButton
- nombreReponses : int
- cheminDossier : String
- cheminIng : String
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- panelBanque : PanelBanque
- panelModifQuestion : PanelModifQuestion
+ PanelModifEntiteAssociation(PanelModifQuestion, Controleur, String, List<String>, PanelBanque, JEditorPane, JEditorPane, Question)
+ ajouterAssociation()
+ enregistrerEntiteAssociation()
+ actionPerformed(ActionEvent)
PanelModifQuestion
- ddlsRessource : JComboBox<Ressource>
- ddlsNotion : JComboBox<Notion>
- ddlsTypes : JComboBox<String>
- btnTreFacile : JButton
- btnFacile : JButton
- btnMoyen : JButton
- btnDifFicile : JButton
- btnTreDifficile : JButton
- btnEnd : JButton
- btnEtalage : JButton
- btnAjouterImage : JButton
- btnAjouterRecEnsemble : JButton
- btnSupprimerFichierCamp : JButton
- txtPoints : JTextField
- txtTemps : JTextField
- lstNotions : ArrayList<Notions>
- egExplication : JEditorPane
- lstRessource : ArrayList<Ressource>
- lstNotions : ArrayList<Notions>
- lstLiens : List<String>
- imageFond : String
- id : Question
- notion : String
- difficulte : int
- temps : int
- points : int
- bordureDefaut : Border
- bordureSelect : Border
- panelModifQuestion : PanelModifQuestion
- texteTxtEnonce : String
- texteTxtExplication : String
- IMAGES_DIFFICULTE : ImageIcon[]
+ PanelModifQuestion(FrameModifQuestion, Controleur, PanelBanque, Question)
+ secondeVieModif()
+ itemStateChanged(ItemEvent)
+ actualiser()
+ actionPerformed(ActionEvent)
+ passageRtfC(JEditorPane) : String
PanelModifQCM
- panelReponses : JPanel
- nombreReponses : int
- btnAjouterReponses : JButton
- btnEnregistrer : JButton
- btnRetour : JButton
- groupeReponses : ButtonGroup
- cheminIng : String
- difficulte : int
- notion : String
- points : int
- temps : int
- lstLiens : List<String>
- egEnonce : JEditorPane
- egExplication : JEditorPane
- idMax : int
- panelBanque : PanelBanque
- panelModifQuestion : PanelModifQuestion
- q : Question
+ PanelModifQCM(PanelModifQuestion, Controleur, String, List<String>, PanelBanque, JEditorPane, JEditorPane, Question, boolean)
+ ajouterReponse()
+ enregistrerQCMNouveauMap()
+ actionPerformed(ActionEvent)
PanelModifElimination
- panelReponses : JPanel
- btnAjouterReponses : JButton
- btnEnregistrer : JButton
- nombreReponses : int
- cheminDossier : String
- cheminIng : String
- notion : String
- egEnonce : JEditorPane
- egExplication : JEditorPane
- panelBanque : PanelBanque
- panelModifQuestion : PanelModifQuestion
+ PanelModifElimination(PanelModifQuestion, Controleur, String, List<String>, PanelBanque, JEditorPane, JEditorPane, Question)
+ ajouterReponse()
+ enregistrerElimination()
+ actionPerformed(ActionEvent)
FrameModifQuestion
- idFrame : int
+ FrameModifQuestion(Controleur, PanelBanque, Question)
+ creerFrameModifQuestion(Controleur, PanelBanque, Question) : FrameModifQuestion
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
PanelBanque
- btnCreaQuest : JButton
- btnSoupp : JButton
- btnMaJ : JButton
- btnRetour : JButton
- tbQuestion : JTable
- ddlsNotion : JComboBox<Notion>
- ddlsRessource : JComboBox<Ressource>
+ PanelBanque(Controleur)
+ actionPerformed(ActionEvent)
+ maj()
+ itemStateChanged(ItemEvent)
FrameBanque
+ FrameBanque(Controleur)
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
FrameCreationRessource
- idFrame : int
+ FrameCreationRessource(Controleur)
+ creerFrameCreationRessource(Controleur) : FrameCreationRessource
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
QCM
- hmReponses : HashMap<String, Boolean>
- vraiOuFaux : Boolean
+ QCM(String, DifFiculte, Notion, int, int, boolean, String, int)
+ ajouterReponse(String, Boolean) : boolean
+ estFrainsePaux() : boolean
+ supprimerReponse(String)
+ getAsData() : String
+ getAsInstance(String, Metier) : QCM
+ getReponses(HashMap<String, Boolean>)
+ toString() : String
EliminationReponse
- reponseCorrecte : String
- hmReponses : HashMap<String, Double[]>
+ EliminationReponse(String, DifFiculte, Notion, int, int, String, int)
+ ajouterReponse(String, Double, Double)
+ ajouterReponse(String)
+ estReponseCorrecte(String) : boolean
+ getReponseCorrecte() : String
+ getHmReponses() : HashMap<String, Double[]>
+ getLastIndex() : Double
+ getAsData() : String
+ getAsInstance(String, Metier) : EliminationReponse
+ setReponseCorrecte(String)
+ setHmReponses(HashMap<String, Double[]>)
+ toString() : String
FrameModifQuestion
- idFrame : int
+ FrameModifQuestion(Controleur)
+ majPanelNotion()
+ creerFrameParametrage(Controleur) : FrameParametrage
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
FrameParametrage
- idFrame : int
+ FrameParametrage(Controleur)
+ majPanelNotion()
+ creerFrameParametrage(Controleur) : FrameParametrage
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
FrameCreationNotion
- idFrame : int
+ FrameCreationNotion(Controleur, Ressource, panelNotion)
+ creerFrameCreationNotion(Controleur, Ressource, panelNotion) : FrameCreationQuestion
+ windowOpened(WindowEvent)
+ windowClosing(WindowEvent)
+ windowClosed(WindowEvent)
+ windowIconified(WindowEvent)
+ windowDeiconified(WindowEvent)
+ windowActivated(WindowEvent)
+ windowDeactivated(WindowEvent)
PanelCreationRessouce
- btnConfirmer : JButton
- txtId : JTextField
- txtNom : JTextField
+ PanelCreationRessouce(Controleur, FrameCreationRessource)
+ actionPerformed(ActionEvent)
PanelCreationNotion
- txtNom : JTextField
- panelCreaNotes : JPanel
- btnConfirmer : JButton
- panelNotion : PanelNotion
- r : Ressource
+ PanelCreationNotion(Controleur)
+ verifierChamps()
+ actionPerformed(ActionEvent)
PanelNotion
- panelNotion : JPanel
- btnNouvNotion : JButton
- btnSuppNotion : JButton
- lstNotion : JList
- ressource : Ressource
- notions : ArrayList<Notion>
+ PanelNotion(Controleur, Ressource)
+ maj()
+ valueChanged(ListSelectionEvent)
+ actionPerformed(ActionEvent)
PanelRessource
- panelRessource : JPanel
- btnNouvRess : JButton
- btnSuppRess : JButton
- lstRessources : List<Ressource>
- frameParametrage : FrameParametrage
+ PanelRessource(Controleur, FrameParametrage)
+ itemStateChanged(ItemEvent)
+ actionPerformed(ActionEvent)
+ maj()