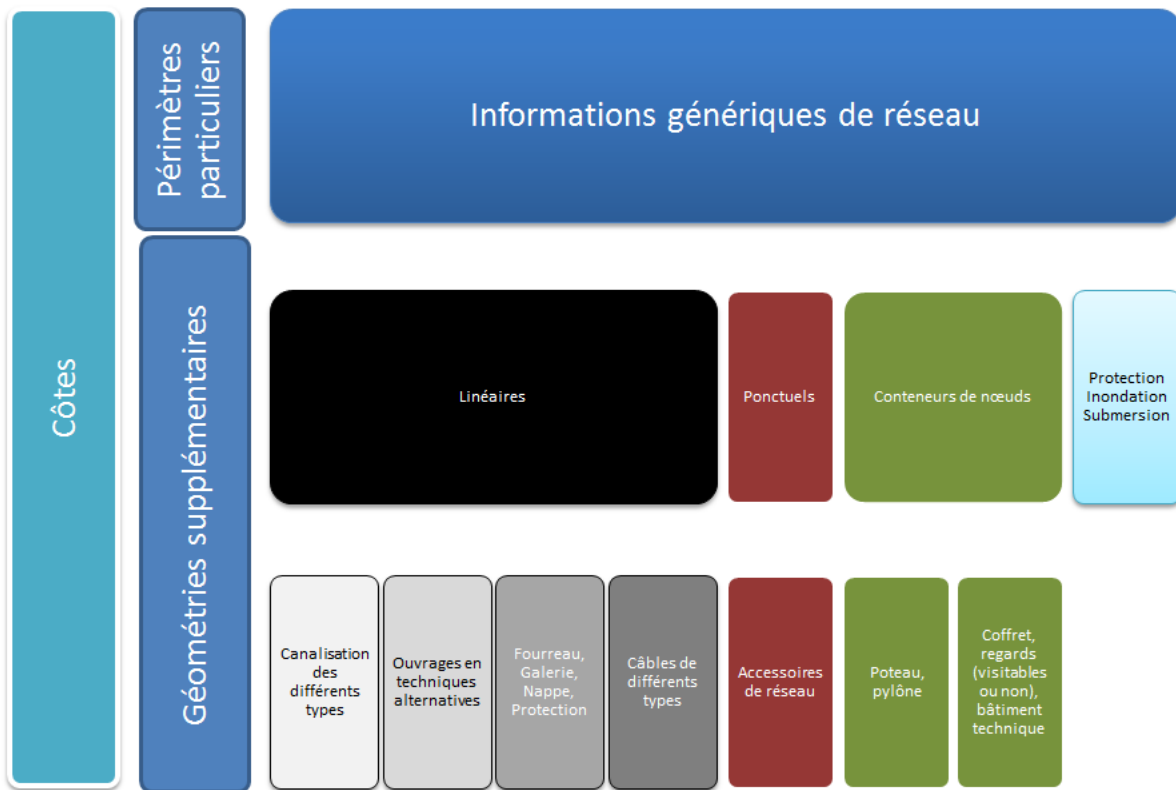
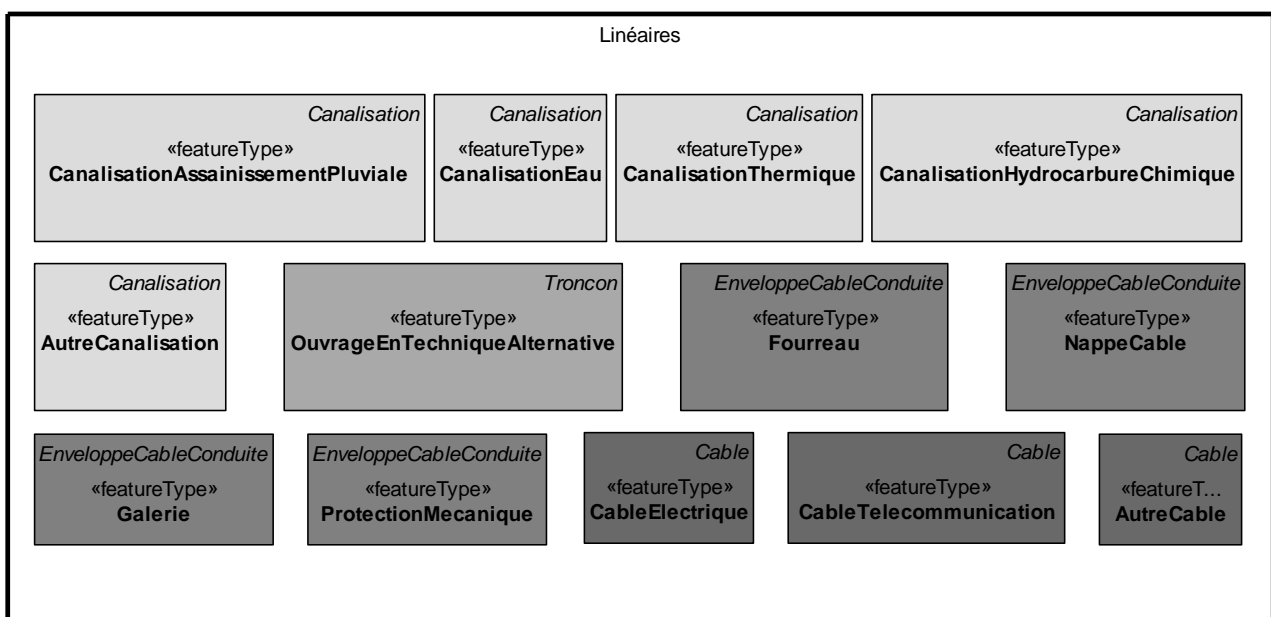
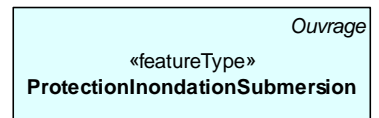
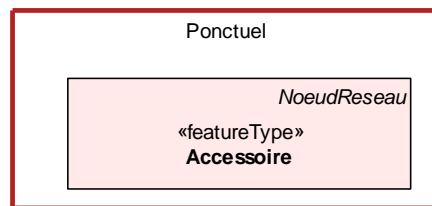
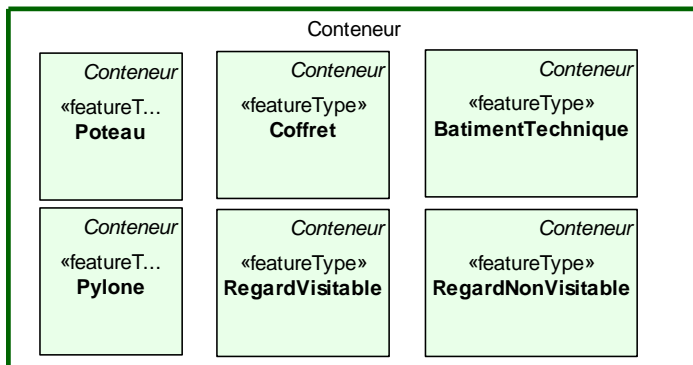
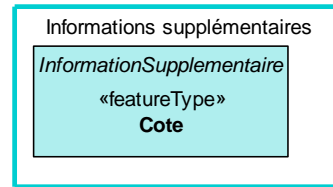
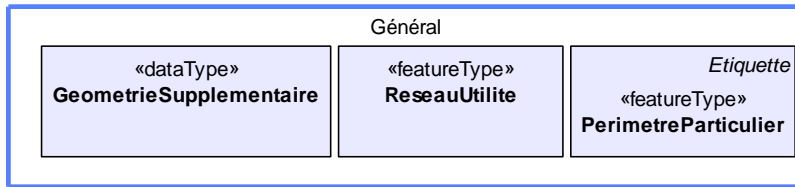


# Annexe B : Diagramme: Simplifié



Les diagrammes ci-après présentent une vue du modèle en ne présentant que les classes instanciables. Le premier ne détaille que le nom des classes alors que le second détaille l'ensemble des attributs (y compris ceux hérités d'autres classes).



Général

ReseauUtilite
+ nom: CharacterString
+ theme: NatureReseauValue
+ profondeurStandard: Length [0..1]
+ mention: CharacterString
+ responsable: CharacterString

PerimetreParticulier	Etiquette
+ geometrie: GM_Surface	
+ precaution: TypeParticulierValue [0..1]	
+ idInterneGestionnaire: CharacterString [0..1]	
::Etiquette	
+ etiquette: CharacterString [0..1]	
+ detail: CharacterString [0..1]	

GeometriesSupplementaire
+ surface2D: GM_Surface [0..1]
+ point2D: GM_Point [0..*]
+ ligne2D: GM_Curve [0..*]
+ surface2D: GM_Surface [0..*]
+ geometrie3D: GM_Solid [0..1]
+ precisionXY: ClassePrecisionReseau
+ precisionZ: ClassePrecisionReseau
+ commentaire: CharacterString [0..1]

Informations supplémentaires

InformationSupplementaire	
Cote	
+ typeCote: TypeCoteValue	
+ angleRotation: Measure	
+ localisation: GM_Object	
::Etiquette	
+ etiquette: CharacterString [0..1]	
+ detail: CharacterString [0..1]	

Conteneur

Poteau	Conteneur
+ hauteurPoteau: Measure [0..1]	
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

Coffret	Conteneur
+ fonction: CharacterString [0..1]	
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

BatimentTechnique	Conteneur
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

RegardVisible	Conteneur
+ fonction: CharacterString [0..1]	
+ borgne: boolean [0..1]	
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

Pylone	Conteneur
+ hauteurPylone: Measure [0..1]	
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

RegardNonVisible	Conteneur
+ fonction: CharacterString [0..1]	
+ borgne: boolean [0..1]	
::Conteneur	
+ geometrie: GM_Point	
+ materiau: PipeMaterialTypeValue [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::Affleurant	
+ idAffleurant: CharacterString [0..1] = AffleurantPCRS...	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

Ponctuel

Accessoire	NoeudReseau
+ typeAccessoire: TypeAccessoireValue [0..1]	
::NoeudReseau	
+ geometrie: GM_Point	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

ProtectionInondationSubmersion	Ouvrage
+ geometrie: GM_Object	
+ materiau: MateriauOuvragePNSValue [0..1]	
+ presenceParoisse: Boolean [0..1]	
+ presenceDrainage: Boolean [0..1]	
+ structureOuvrage: StructureOuvragePNSValue [0..1]	
+ protectionHedTalus: ProtectionPNSValue [0..1]	
+ protectionSurfaceTalus: ProtectionPNSValue [0..1]	
+ typeOuvrage: TypeOuvragePNSValue [0..1]	
+ caracteristiquesCretes: CharacterString [0..1]	
+ caracteristiquesTalusAval: CharacterString [0..1]	
::Ouvrage	
+ statut: ConditionOfFacilityValue	
+ valideDe: Date [0..1]	
+ valideJusque: Date [0..1]	
+ positionVerticale: VerticalPositionValue [0..1]	
+ miseAJour: Date [0..1]	
+ dimension: Length [0..1]	
+ caracteristiques: CharacterString [0..1]	
::ElementReseau	
+ identifiant: CharacterString [0..1]	
+ code: CharacterString [0..1]	
+ precisionXY: ClassePrecisionReseau [0..1]	
+ precisionZ: ClassePrecisionReseau [0..1]	
+ Xschematique: Boolean [0..1]	
+ visibleSurface: Boolean [0..1]	
+ sensible: Boolean [0..1]	

