



E-prescription diagram

PIU-TS Structure definitions::PIU-TS.Patient identifier elements

- Nationality: Coded text [1..*]
- Identifier: Identifier [1..*]
- Identifier.Value: Text
- Identifier.Assigner: Text [0..1]
- Identifier.System: uri
- Identifier.Type: Coded text [0..1]
- Identifier.Period: Period [0..1]
- National Identification Number: Identifier
- Registration ID: Text [0..1]
- Active: Boolean
- Ethnicity: Coded text [0..1]
- Language: Coded text [0..*]
- Name: Text [1..*]
- Name.Family: Text
- Name.Given: Text
- Name.Clan name: Text [0..1]
- Name.Period: Period [0..1]
- Birthdate: Date
- Gender: Coded text
- Deceased: Boolean [0..1]
- Deceased date: Date [0..1]
- Photo: Attachment [0..*]
- Address: Address [1..*]
- Address.Address use: Coded text [0..1]
- Address.Aimag/City: Coded text
- Address.Soum/District: Coded text
- Address.Bag/Khoroo: Coded text
- Address.Subline: Text [1..*]
- Telecom: Contact point [1..*]
- Telecom.Type: Coded text
- Telecom.Value: Text
- Telecom.Use: Coded text [0..1]
- ContactPerson: Text [0..*]
- ContactPerson.Relationship: Coded text [1..*]
- ContactPerson.name: HumanName [0..1]
- ContactPerson.Name.Family: Text [0..1]
- ContactPerson.Name.Given: Text [0..1]
- ContactPerson.Telecom: ContactPoint [1..*]
- ContactPerson.Telecom.Type: Coded text
- ContactPerson.Telecom.Value: Text
- ContactPerson.Telecom.Use: Coded text [0..1]
- ContactPerson.Telecom.Address: Address [0..1]
- ContactPerson.Telecom.Address.Address use: Coded text [0..1]
- ContactPerson.Telecom.Address.Aimag/City: Coded text
- ContactPerson.Telecom.Address.Soum/District: Coded text
- ContactPerson.Telecom.Address.Bag/Khoroo: Coded text
- ContactPerson.Telecom.Address.Subline: Text [1..*]

PIU-TS Structure definitions::PIU-TS.E-presc.Patient information

PIU-TS Structure definitions::PIU-TS.E-presc.Prescription information

- Prescription ID: Text
- Prescription type: Coded text
- Date of issue of prescription: Date
- Date and time complete: Text
- Status: Coded text
- Location: Text

PIU-TS Structure definitions::PIU-TS.E-presc.Prescribed medication information

- Prescription item ID: Text [1..*]
- Drug Registration ID: Text
- Drug ATC code: Coded text [0..1]
- Drug international name: Coded text [0..1]
- Drug international name.Classification system: Coded text
- Drug international name.Code: Coded text
- Drug international name.Name: Coded text
- Drug brand name: Coded text [0..1]
- Drug brand name.Classification system: Coded text
- Drug brand name.Code: Coded text
- Drug brand name.Name: Coded text
- Dose form (strength): Text
- Dose form (unit): Text
- Dose form (type): Coded text
- Dose form (type).Classification system: Coded text
- Dose form (type).Code: Coded text
- Dose form (type).Name: Coded text
- Daily frequency of intake: Text [1..*]
- Dose per administration: Text [1..*]
- Days: Text
- Total quantity: Text
- Start date: Date
- Route of administration: Coded text [0..*]
- Route of administration.Classification system: Coded text
- Route of administration.Code: Coded text
- Route of administration.Name: Coded text
- Indication/Diagnosis: Code [0..1]
- Sig/Advice to patients: Text [0..1]
- Advice to dispenser: Text [0..1]
- Comments: Text [0..1]

PIU-TS Structure definitions::PIU-TS.E-presc.Prescriber's information including the organization

PIU-TS Structure definitions::PIU-TS.E-presc.Dispensation record

- Prescription ID: Text
- Date of creation of dispensing record: Text
- Date and time complete: Text

PIU-TS Structure definitions::PIU-TS.E-presc.Dispensed medication's record

- Dispensed Medicine ID: Text
- Drug registration ID: Text
- Drug ATC code: Coded text [0..1]
- Dispensed drug international name: Coded text [0..1]
- Dispensed drug international name.classification system: Coded text
- Dispensed drug international name.code: Coded text
- Dispensed drug international name.name: Coded text
- Dispensed drug brand name: Coded text [0..1]
- Dispensed drug brand name.classification system: Coded text
- Dispensed drug brand name.code: Coded text
- Dispensed drug brand name.name: Coded text
- Dose form (strength): Text
- Dose (unit): Text
- Dose form (type): Text
- Dose form (type).classification system: Coded text
- Dose form (type).code: Coded text
- Dose form (type).name: Coded text
- Days: Text
- Total quantity: Text
- Unit price: Text
- PaymentInformation
- PaymentInformation.Total price: Text
- PaymentInformation.Paid by Health Insurance fund: Text
- PaymentInformation.Paid by customer: Text
- Comments: Text [0..*]

PIU-TS Structure definitions::PIU-TS.E-presc.Pharmacist's information including the organization

PIU-TS Structure definitions::PIU-TS.Practitioner identifier elements

- Nationality: Coded text [1..*]
- Identifier: Identifier [1..*]
- Identifier.Value: Text
- Identifier.Assigner: Text
- Identifier.System: uri
- Identifier.Type: Coded text [0..1]
- Identifier.Period: Period [0..1]
- National identification number: Identifier
- Active: Boolean
- Name: Text [1..*]
- Name.Family: Text
- Name.Given: Text
- Name.Clan name: Text [0..1]
- Name.Period: Period [0..1]
- Birthdate: Date [0..*]
- Gender: Coded text
- Photo: Attachment
- Practitioner role: Coded text [1..*]
- Address: Text [1..*]
- Address.Address use: Coded text [0..1]
- Address.Aimag/City: Coded text
- Address.Soum/District: Coded text
- Address.Bag/Khoroo: Coded text
- Address.Subline: Text [1..*]
- Telecom: Contact point [1..*]
- Telecom.Type: Coded text
- Telecom.Value: Text
- Telecom.Use: Coded text [0..1]
- Licensing: Backbone Element [1..*]
- Licensing.Type: Coded text [1..*]
- Licensing.Identifier: Identifier [1..*]
- Licensing.Period: Period
- Licensing.Period.Start date: Date
- Licensing.Period.End date: Date
- Licensing.Issuer: Text
- Organization: Backbone Element [0..*]

PIU-TS Structure definitions::PIU-TS.Organization identifier elements

- + Identifier: identifier
- + Identifier.Value: text
- + Identifier.Assigner: text
- + Identifier.System: uri
- + Identifier.Type: coded text
- + Identifier.Period: period
- + National identification number: text
- + Active: boolean
- + Name: text
- + Period: date
- + Period.Start date: date
- + Period.End date: date
- + Address: address
- + Address.Address use: coded text
- + Address.Aimag/city: coded text
- + Address.Soum/district: coded text
- + Address.Bag/khoroo: coded text
- + Address.Subline: text
- + Telecom: contact point
- + Telecom.Type: coded text
- + Telecom.Value: text
- + Telecom.Use: coded text
- + Contact person: backbone element
- + ContactPerson.Contact purpose: coded text
- + ContactPerson.Name: text
- + ContactPerson.name.Family: text
- + ContactPerson.name.Given: text
- + ContactPerson.Telecom: contact point
- + ContactPerson.Telecom.System: coded text
- + ContactPerson.Telecom.Value: text
- + ContactPerson.Telecom.Use: coded text
- + Accreditation: text
- + Accreditation.Type: coded text
- + Accreditation.Identifier: identifier
- + Accreditation.Period: element
- + Accreditation.period.Start date: date
- + Accreditation.period.End date: date
- + Accreditation.Issuer: text
- + Type: coded text
- + Ownership: coded text
- + Type of ward: coded text
- + Type of outpatient service: coded text

PIU-TS

FHIR profiles

Data types

PIU-TS Structure definitions::PIU-TS.Patient identifier elements

- Nationality: Coded text [1..*]
- Identifier: Identifier [1..*]
- Identifier.Value: Text
- Identifier.Assigner: Text [0..1]
- Identifier.System: uri
- Identifier.Type: Coded text [0..1]
- Identifier.Period: Period [0..1]
- National Identification Number: Identifier
- Registration ID: Text [0..1]
- Active: Boolean
- Ethnicity: Coded text [0..1]
- Language: Coded text [0..*]
- Name: Text [1..*]
- Name.Family: Text
- Name.Given: Text
- Name.Clan name: Text [0..1]
- Name.Period: Period [0..1]
- Birthdate: Date
- Gender: Coded text
- Deceased: Boolean [0..1]
- Deceased date: Date [0..1]
- Photo: Attachment [0..*]
- Address: Address [1..*]
- Address.Address use: Coded text [0..1]
- Address.Aimags/City: Coded text
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- Address.Bag/Khoroo: Coded text
- Address.Subline: Text [1..*]
- Telecom: Contact point [1..*]
- Telecom.Type: Coded text
- Telecom.Value: Text
- Telecom.Use: Coded text [0..1]
- ContactPerson: Text [0..*]
- ContactPerson.Relationship: Coded text [1..*]
- ContactPerson.name: HumanName [0..1]
- ContactPerson.Name.Family: Text [0..1]
- ContactPerson.Name.Given: Text [0..1]
- ContactPerson.Telecom: ContactPoint [1..*]
- ContactPerson.Telecom.Type: Coded text
- ContactPerson.Telecom.Value: Text
- ContactPerson.Telecom.Use: Coded text [0..1]
- ContactPerson.Telecom.Address: Address [0..1]
- ContactPerson.Telecom.Address.Address use: Coded text [0..1]
- ContactPerson.Telecom.Address.Aimags/City: Coded text
- ContactPerson.Telecom.Address.Soum/District: Coded text
- ContactPerson.Telecom.Address.Bag/Khoroo: Coded text
- ContactPerson.Telecom.Address.Subline: Text [1..*]

All FHIR profiles::PatientMn

- + patient-nationality /Extension/: Complex
- + mng-patient-ethnicity-extension /Extension/: int
- + identifier: int
- + Identifier:nationalIdentificationNumber /Slicing/: Identifier
- + Identifier:birthCertificateNumber /Slicing/: int
- + Identifier:registrationID /Slicing/: int
- + Identifier:identificationCardNumber /Slicing/: int
- + active: boolean
- + name: HumanName
- + telecom: int
- + gender: code
- + birthDate: date
- + deceasedBoolean: int
- + deceasedDateTime: int
- + address: address
- + photo: int
- + contact: contact
- + contact.relationship: int
- + contact.name: int
- + contact.telecom: int
- + contact.address: int
- + communication: int
- + communication.language: int

All FHIR profiles::IdentifierMn

- + type: CodeableConcept [0..1]
- + system: uri
- + value: string
- + period: Period [0..1]
- + assigner: Reference [0..1]

All FHIR profiles::ContactPointMn

«XSDelement»

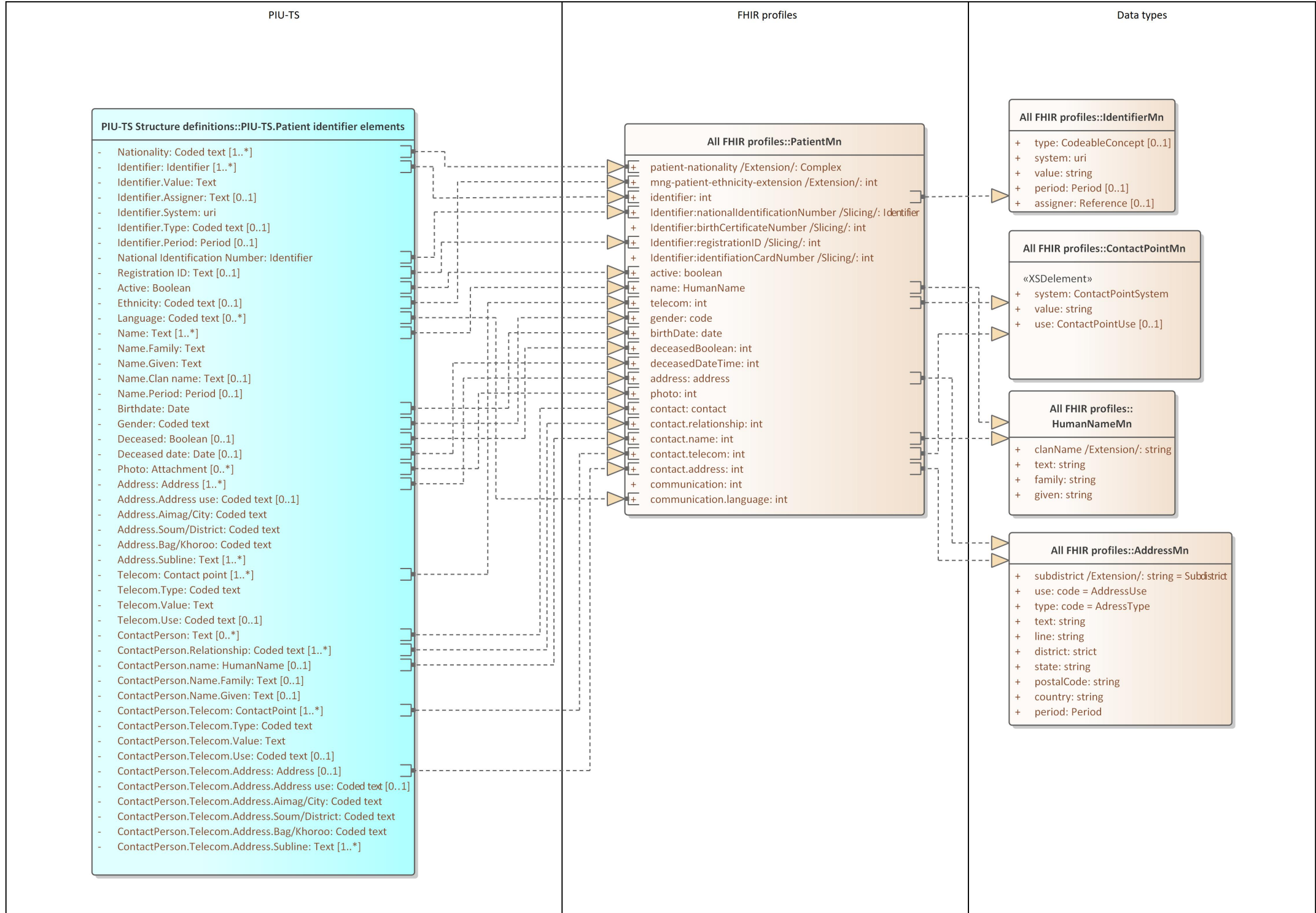
- + system: ContactPointSystem
- + value: string
- + use: ContactPointUse [0..1]

All FHIR profiles::HumanNameMn

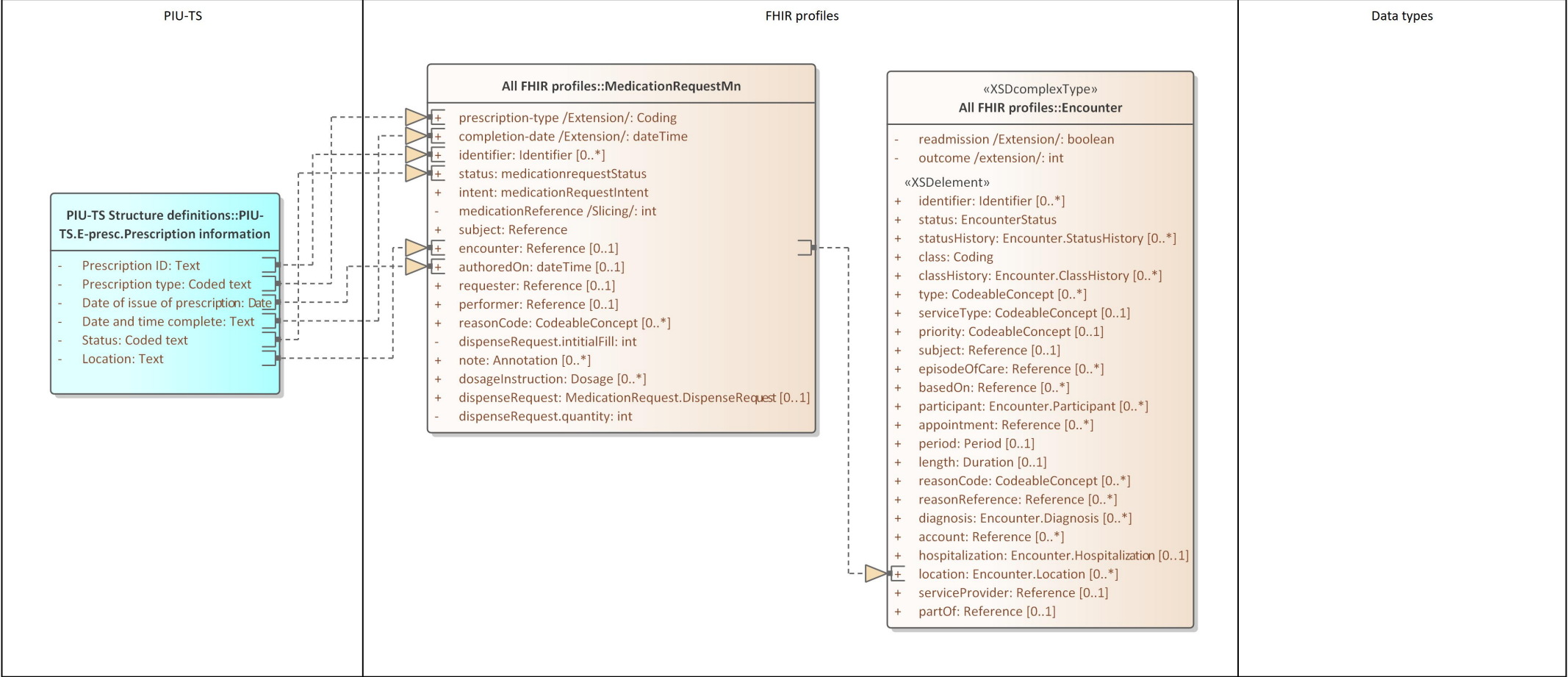
- + clanName /Extension/: string
- + text: string
- + family: string
- + given: string

All FHIR profiles::AddressMn

- + subdistrict /Extension/: string = Subdistrict
- + use: code = AddressUse
- + type: code = AddressType
- + text: string
- + line: string
- + district: string
- + state: string
- + postalCode: string
- + country: string
- + period: Period



class Mapping of PIU-TS.E-presc.Prescription information



PIU-TS

FHIR profiles

Data types

PIU-TS Structure definitions::PIU-TS.E-presc.Prescription information

- Prescription ID: Text
- Prescription type: Coded text
- Date of issue of prescription: Date
- Date and time complete: Text
- Status: Coded text
- Location: Text

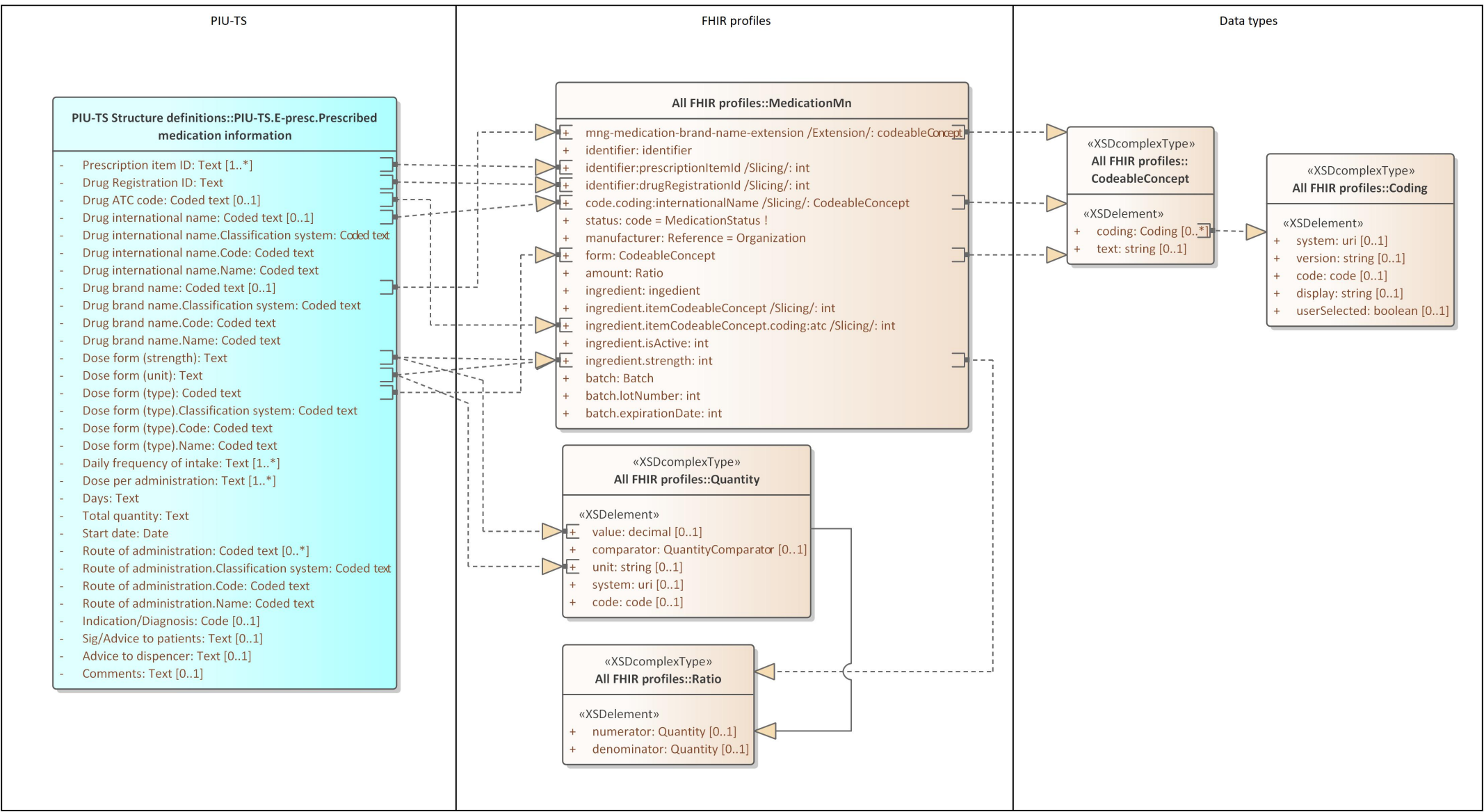
All FHIR profiles::MedicationRequestMn

- + prescription-type /Extension/: Coding
- + completion-date /Extension/: dateTime
- + identifier: Identifier [0..*]
- + status: medicationrequestStatus
- + intent: medicationRequestIntent
- medicationReference /Slicing/: int
- + subject: Reference
- + encounter: Reference [0..1]
- + authoredOn: dateTime [0..1]
- + requester: Reference [0..1]
- + performer: Reference [0..1]
- + reasonCode: CodeableConcept [0..*]
- dispenseRequest.initialFill: int
- + note: Annotation [0..*]
- + dosageInstruction: Dosage [0..*]
- + dispenseRequest: MedicationRequest.DispenseRequest [0..1]
- dispenseRequest.quantity: int

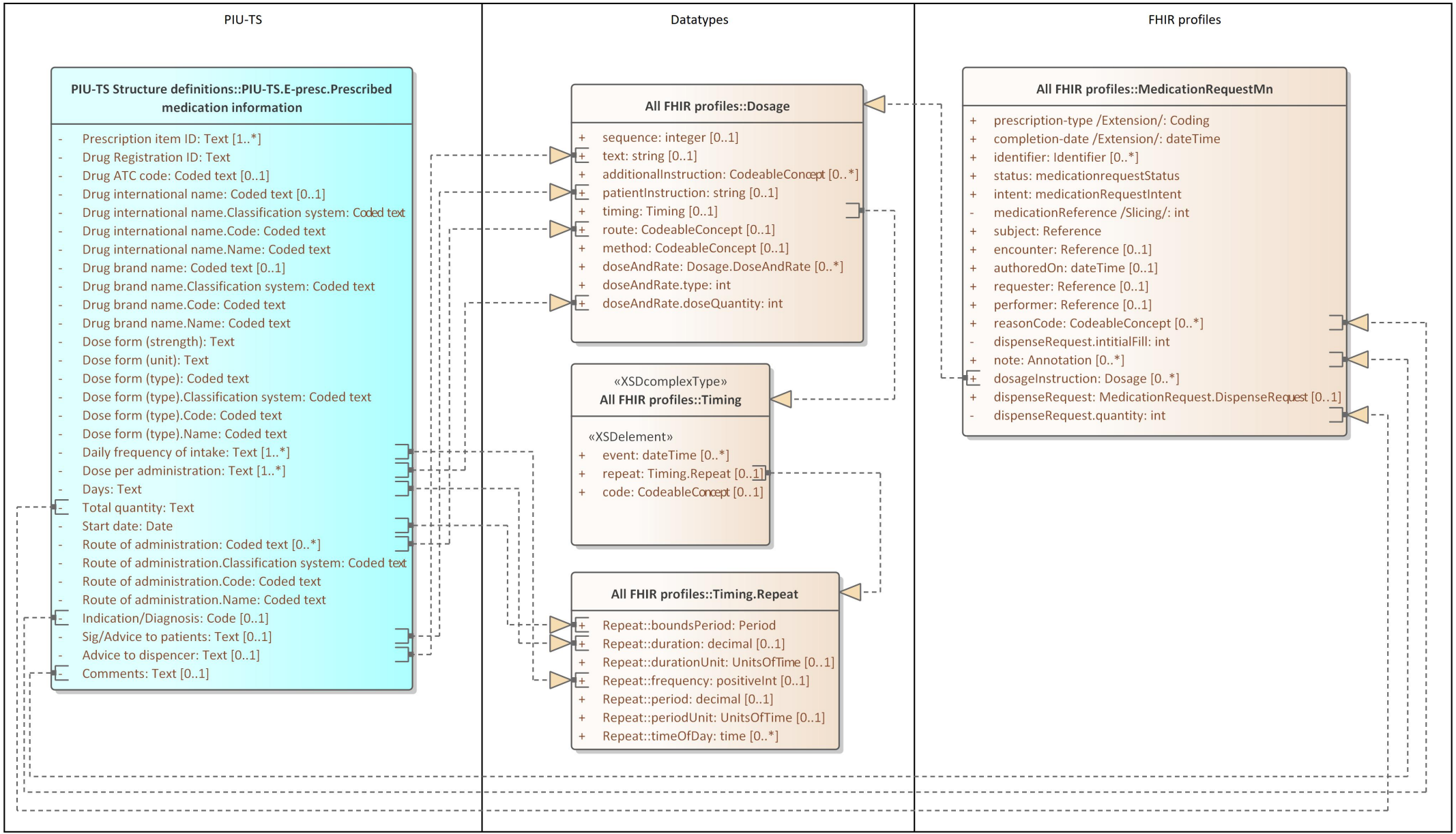
«XSDcomplexType» All FHIR profiles::Encounter

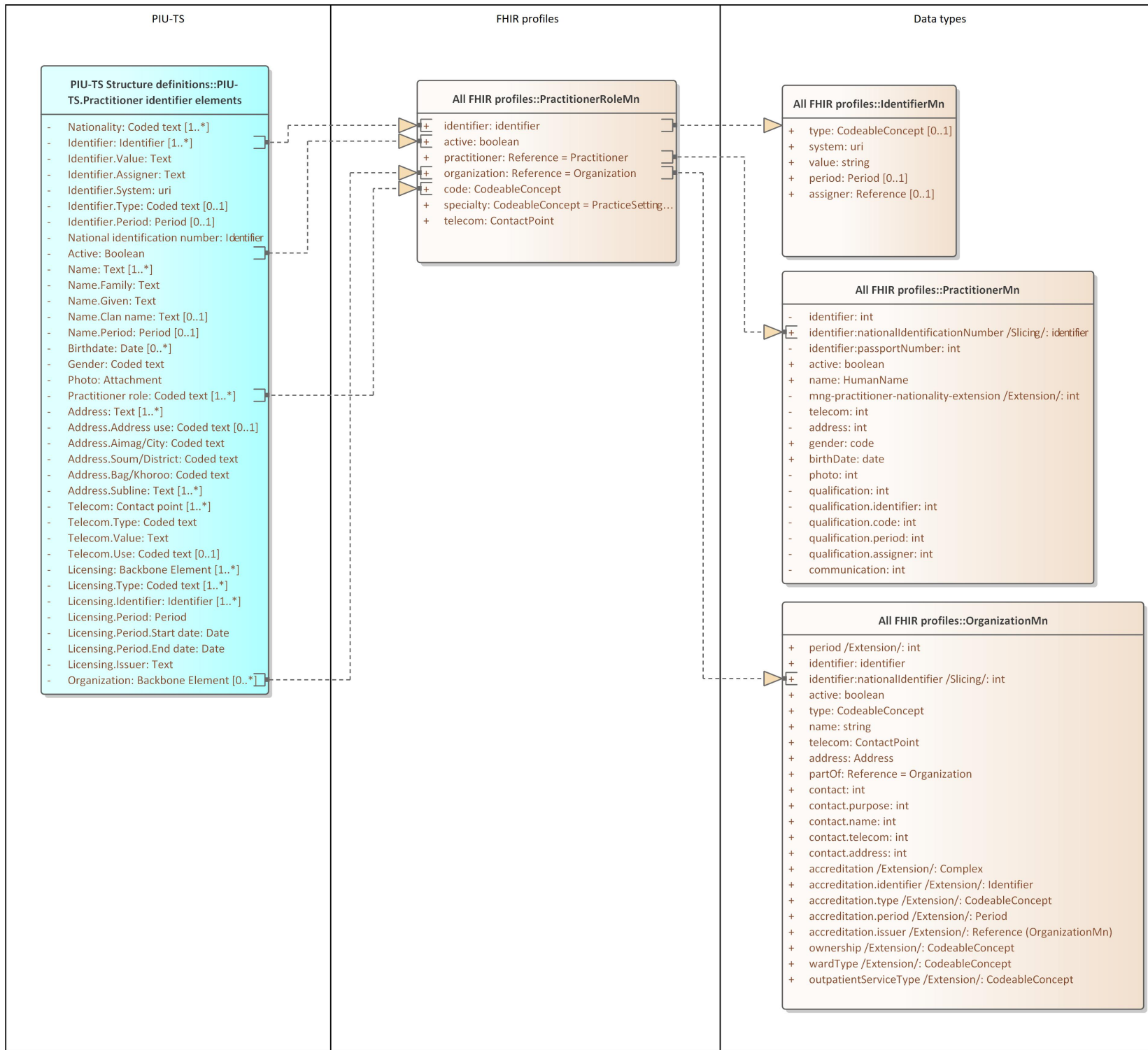
- readmission /Extension/: boolean
- outcome /extension/: int
- «XSDelement»
- + identifier: Identifier [0..*]
- + status: EncounterStatus
- + statusHistory: Encounter.StatusHistory [0..*]
- + class: Coding
- + classHistory: Encounter.ClassHistory [0..*]
- + type: CodeableConcept [0..*]
- + serviceType: CodeableConcept [0..1]
- + priority: CodeableConcept [0..1]
- + subject: Reference [0..1]
- + episodeOfCare: Reference [0..*]
- + basedOn: Reference [0..*]
- + participant: Encounter.Participant [0..*]
- + appointment: Reference [0..*]
- + period: Period [0..1]
- + length: Duration [0..1]
- + reasonCode: CodeableConcept [0..*]
- + reasonReference: Reference [0..*]
- + diagnosis: Encounter.Diagnosis [0..*]
- + account: Reference [0..*]
- + hospitalization: Encounter.Hospitalization [0..1]
- + location: Encounter.Location [0..*]
- + serviceProvider: Reference [0..1]
- + partOf: Reference [0..1]

class Mapping of PIU-TS.E-presc.Prescribed medication information (MedicationMn)

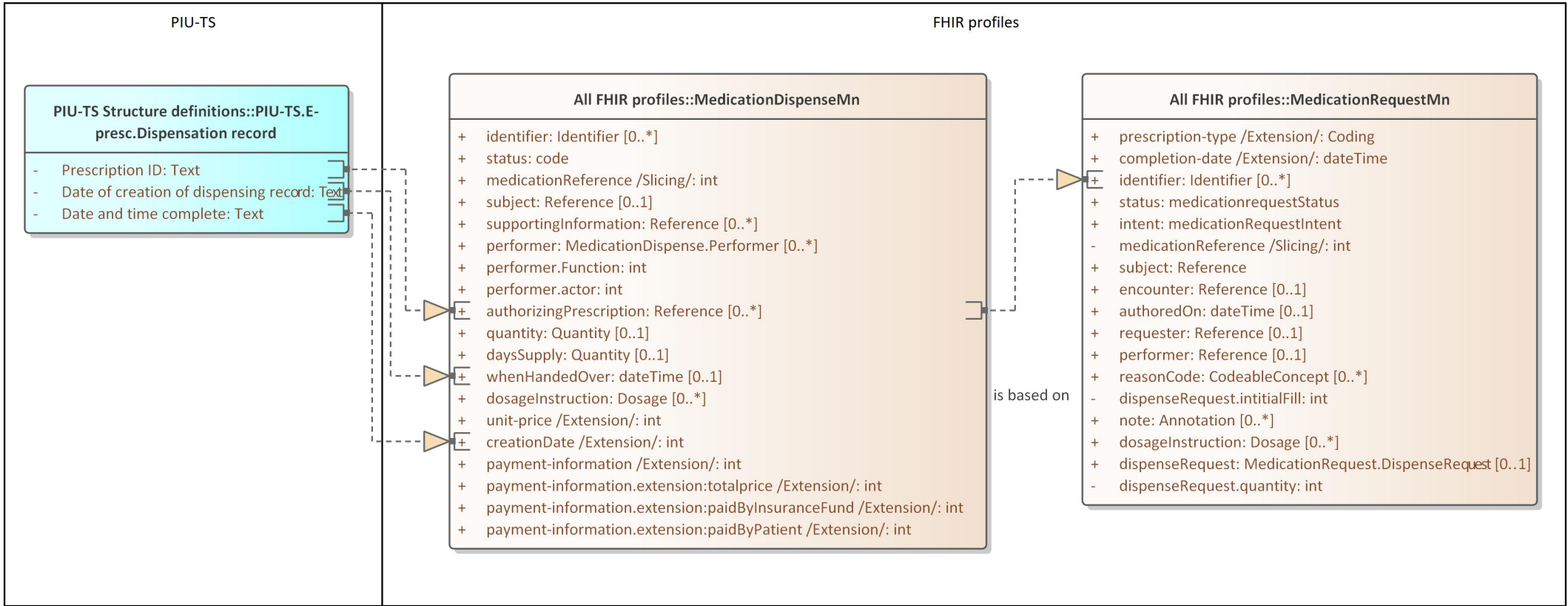


class Mapping of PIU-TS.E-presc.Prescribed medication information (MedicationRequestMn)





class Mapping of PIU-TS.E-presc.Dispensation record



PIU-TS

FHIR profiles

PIU-TS Structure definitions::PIU-TS.E-presc.Dispensation record

- Prescription ID: Text
- Date of creation of dispensing record: Text
- Date and time complete: Text

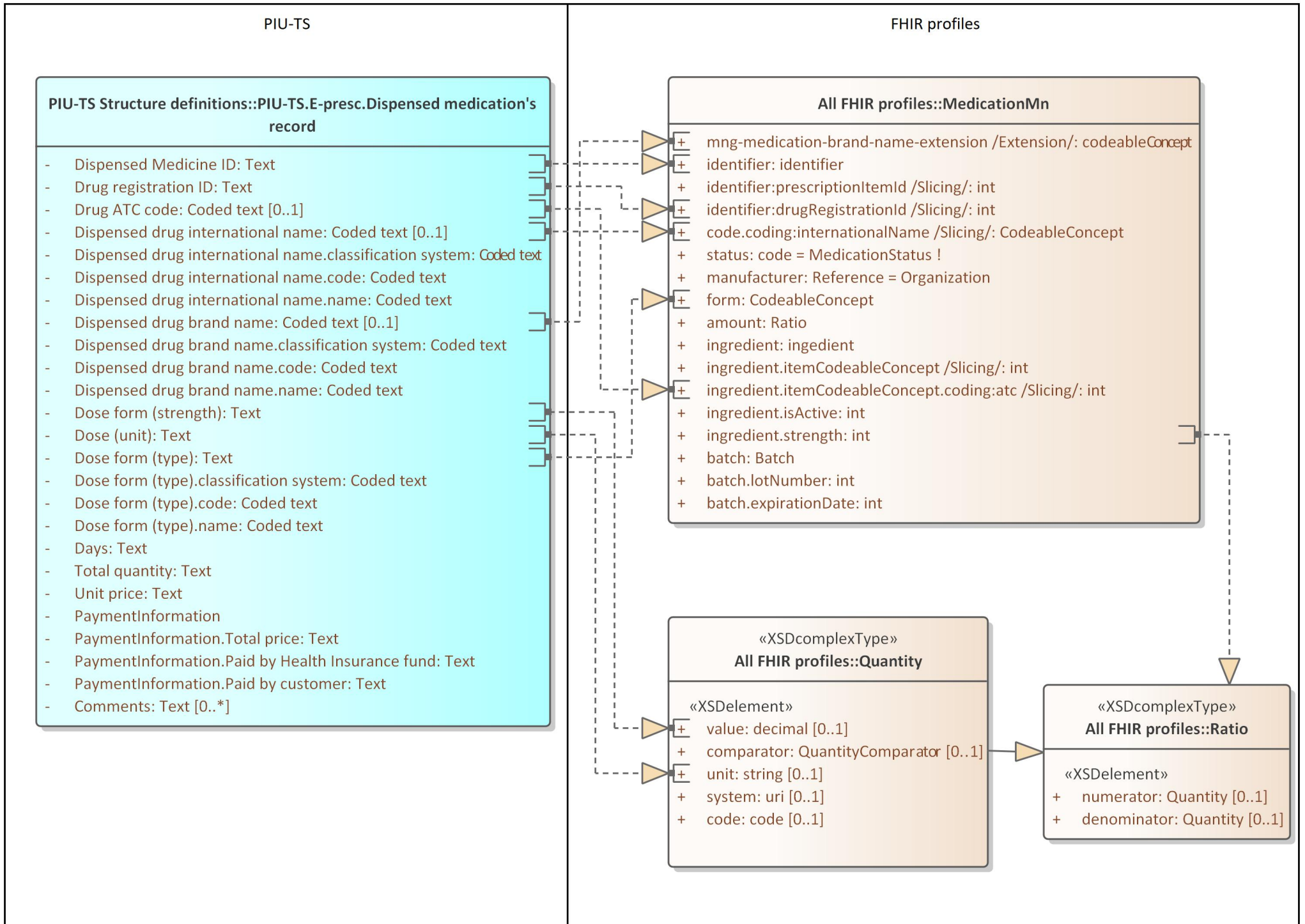
All FHIR profiles::MedicationDispenseMn

- + identifier: Identifier [0..*]
- + status: code
- + medicationReference /Slicing/: int
- + subject: Reference [0..1]
- + supportingInformation: Reference [0..*]
- + performer: MedicationDispense.Performer [0..*]
- + performer.Function: int
- + performer.actor: int
- + authorizingPrescription: Reference [0..*]
- + quantity: Quantity [0..1]
- + daysSupply: Quantity [0..1]
- + whenHandedOver: dateTime [0..1]
- + dosageInstruction: Dosage [0..*]
- + unit-price /Extension/: int
- + creationDate /Extension/: int
- + payment-information /Extension/: int
- + payment-information.extension:totalprice /Extension/: int
- + payment-information.extension:paidByInsuranceFund /Extension/: int
- + payment-information.extension:paidByPatient /Extension/: int

All FHIR profiles::MedicationRequestMn

- + prescription-type /Extension/: Coding
- + completion-date /Extension/: dateTime
- + identifier: Identifier [0..*]
- + status: medicationrequestStatus
- + intent: medicationRequestIntent
- medicationReference /Slicing/: int
- + subject: Reference
- + encounter: Reference [0..1]
- + authoredOn: dateTime [0..1]
- + requester: Reference [0..1]
- + performer: Reference [0..1]
- + reasonCode: CodeableConcept [0..*]
- dispenseRequest.initialFill: int
- + note: Annotation [0..*]
- + dosageInstruction: Dosage [0..*]
- + dispenseRequest: MedicationRequest.DispenseRequest [0..1]
- dispenseRequest.quantity: int

is based on



class Mapping of PIU-TS.E-presc.Dispensed medication's record (MedicationDispenseMn)

