

Adaptations standard XML generalInvoice 5.0

2. Consultation

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10.09.2024

Contenu de la présentation

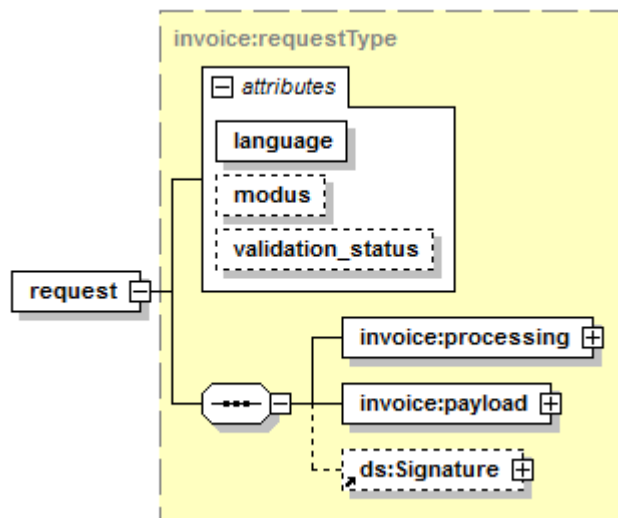
- Adaptations du standard XML generalInvoice 4.5 → 5.0 (1.C.) → 5.0 (2.C.)
- Adaptations de la documentation dans le navigateur XML generalInvoice 5.0
- Adaptations des attributs de service

Adaptations standard XML
generalInvoice 4.5 → 5.0 (1.C.) → 5.0 (2.C.)

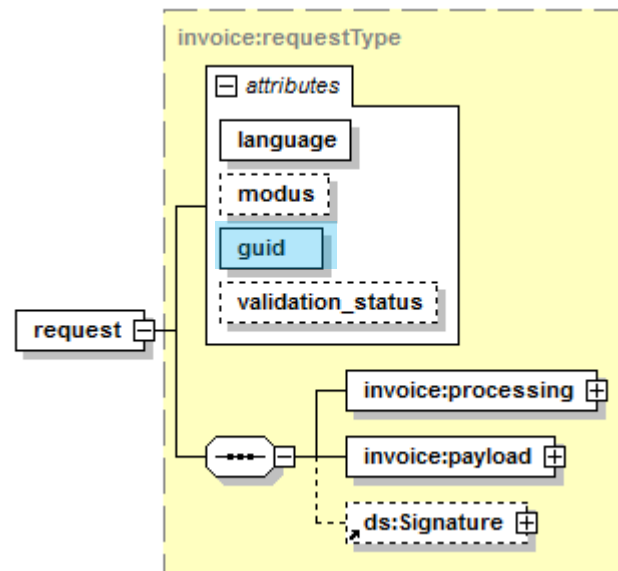
Adaptations generalRequest

Adaptations request

4.5 & 5.0 (1.C.)



5.0 (2.C.)



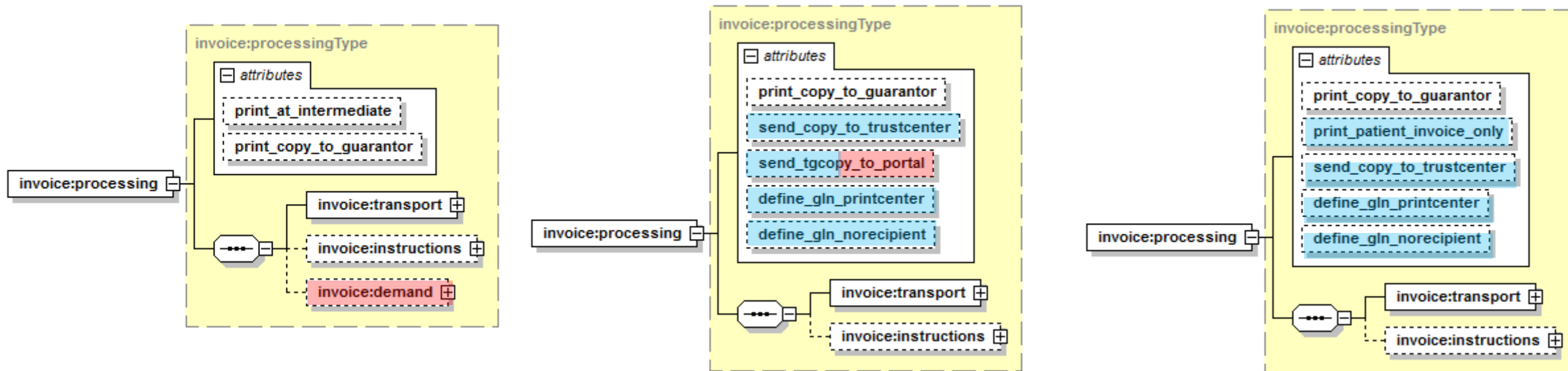
guid est déplacé de invoice / reminder
 Raison : La guid est générée au niveau du document.

Adaptations processing

4.5

5.0 (1.C.)

5.0 (2.C.)



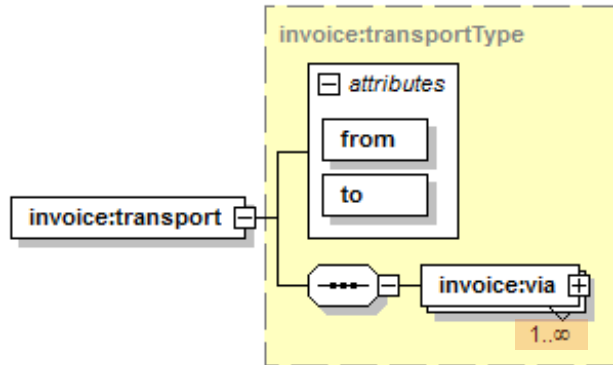
Supprimer « demande » est seulement ancien BVR

Installation du Copy Trustcenter standardisée
 Installation de la distribution Copy Portal
 Printcenter GLN standardisé
 Pas de transmission électronique standardisée

Installation du Copy Trustcenter standardisé
 Suppression de la distribution Copy Portal
 Printcenter GLN standardisé
 Pas de transmission électronique standardisée
 Facture uniquement au patient
 → Solde TS ou TP modifié

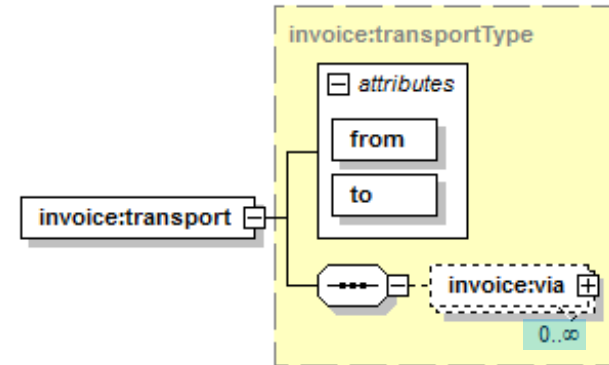
Adaptations transport

4.5



L'intermédiaire est obligatoire

5.0 (1.C. & 2.C.)

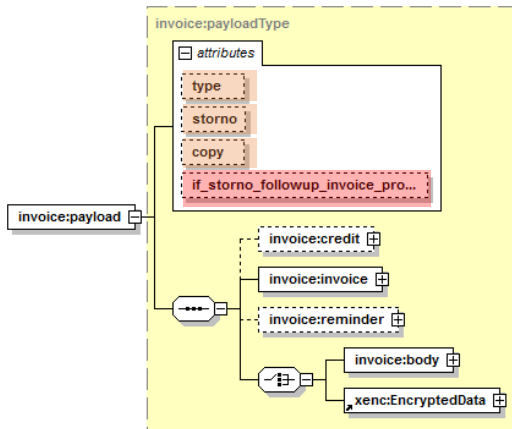


L'intermédiaire est facultatif

- La communication directe est ainsi rendue possible
- La communication indirecte reste possible

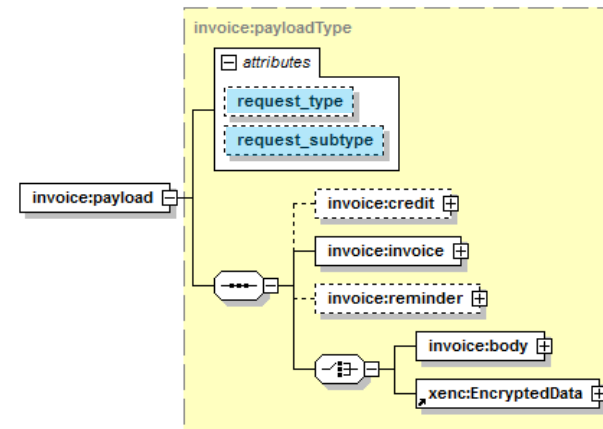
Adaptations payload

4.5



Le contrôle des paramètres uniquement avec type est limité
 If_storno... n'a pas fait ses preuves → supprimé

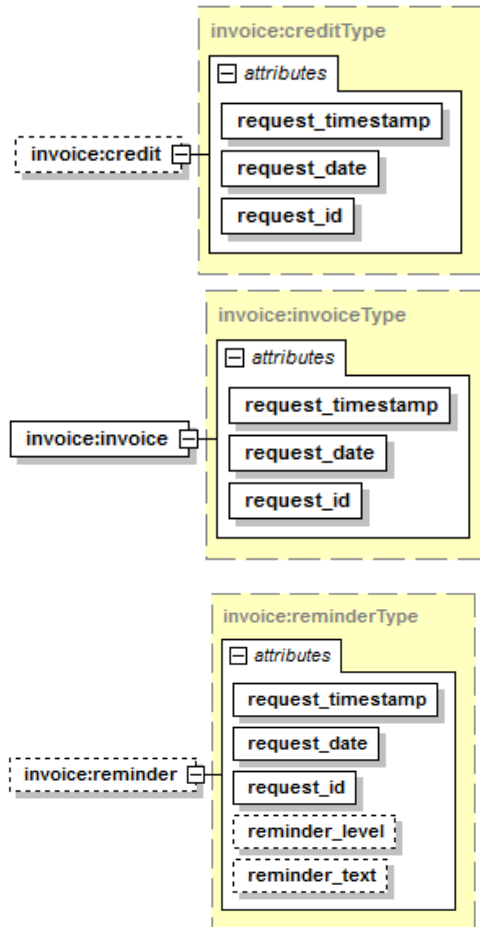
5.0 (1.C. & 2.C.)



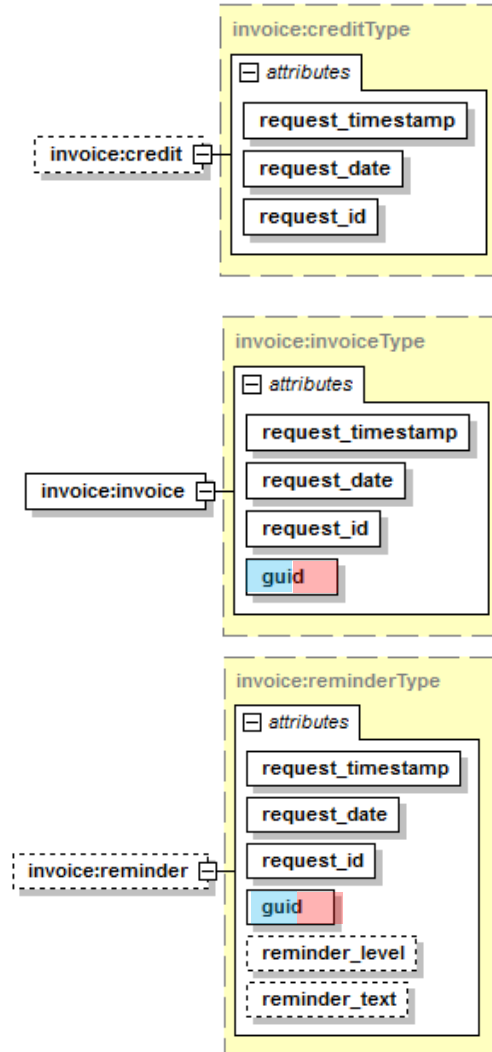
Contrôle des paramètres structuré comme type et sous-type
 → Permet une meilleure manipulation

Adaptations credit / invoice / reminder

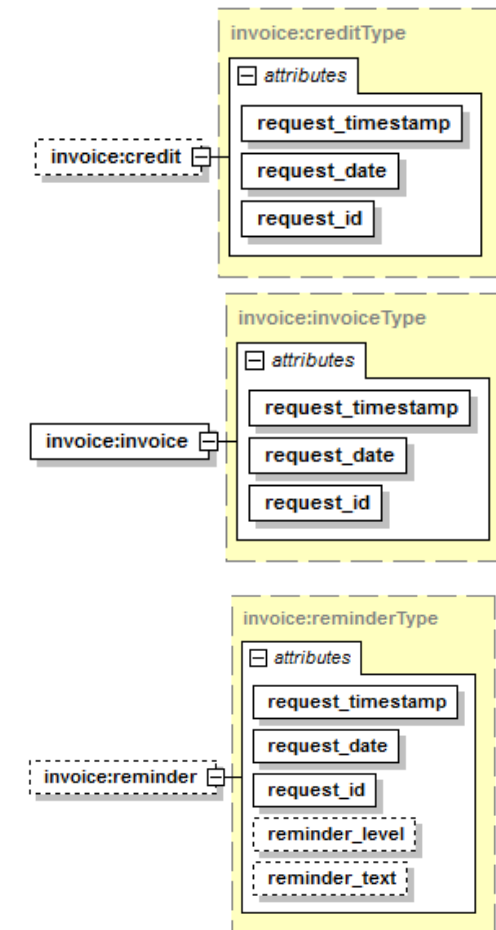
4.5



5.0 (1.C.)



5.0 (2.C.)



guid au niveau Request / déplacé

Éléments supprimés

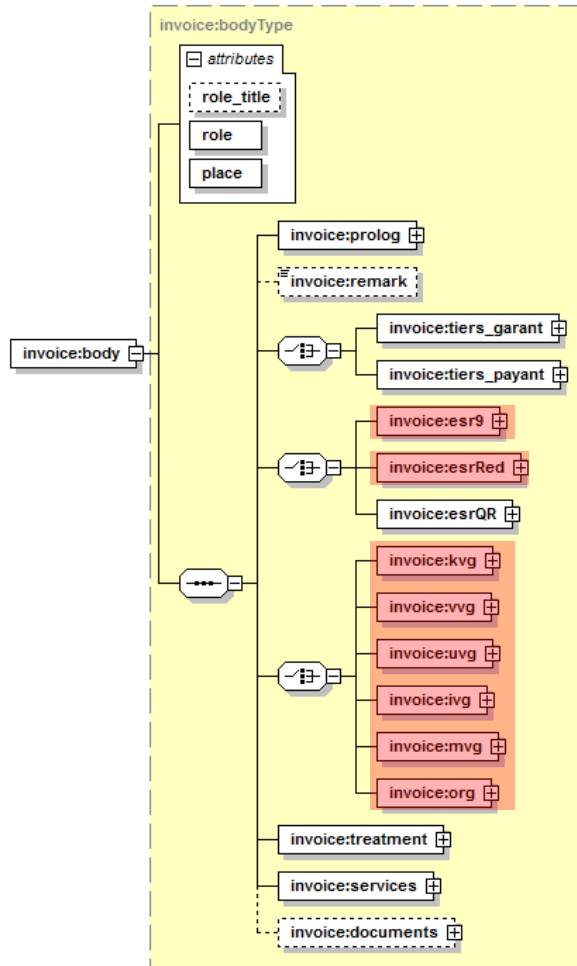
Éléments à adapter

Éléments nouveau & adapté

guid pour invoice et reminder

Adaptations body

4.5



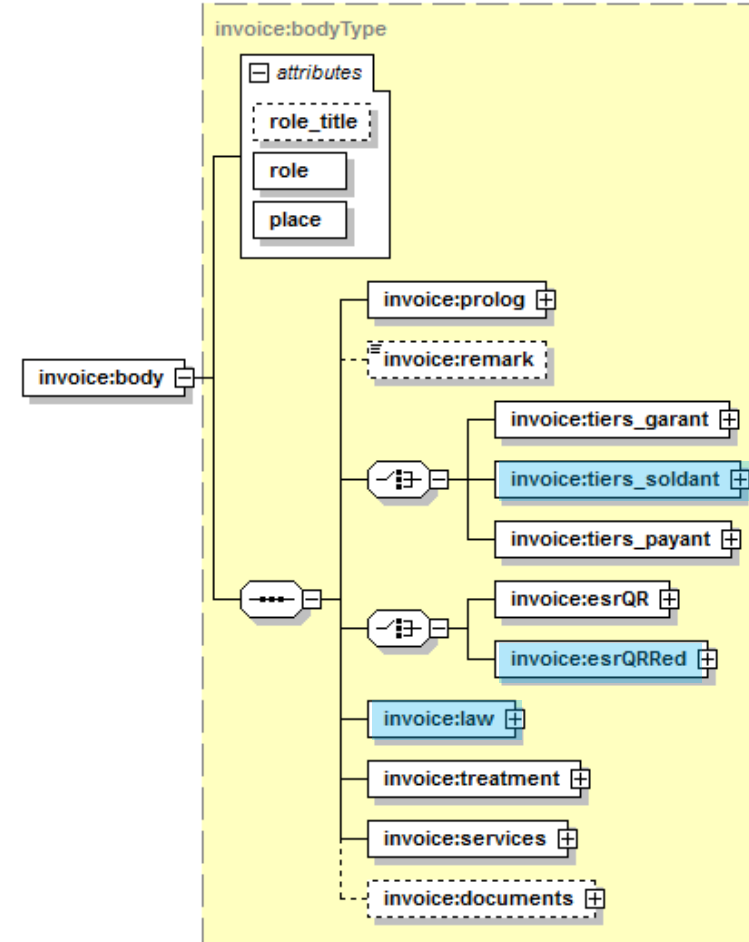
Suppression des anciennes structures esr
Suppression des structures de loi → Type de loi

Éléments supprimés

Éléments à adapter

Éléments nouveau & adapté

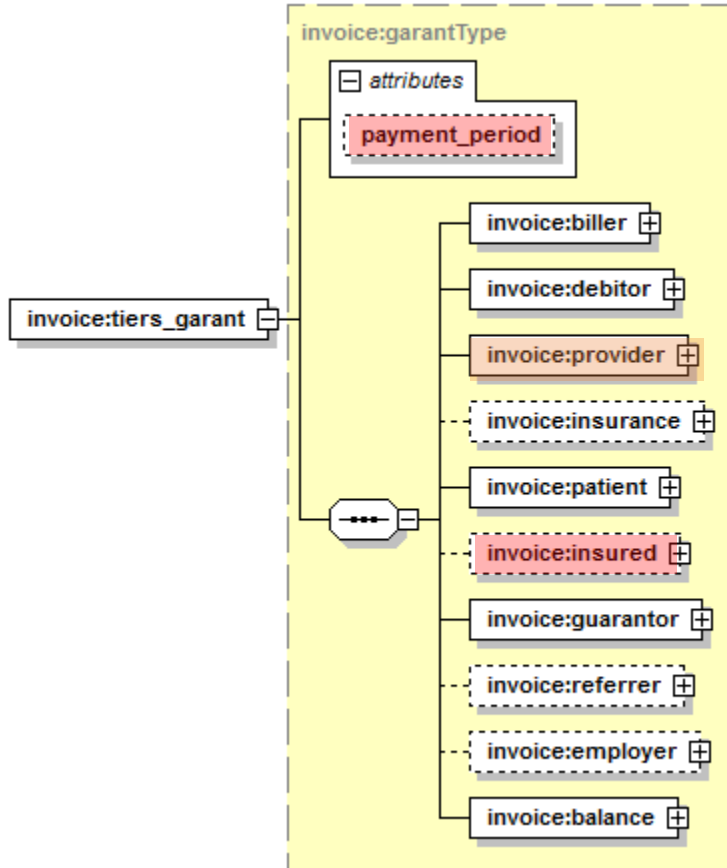
5.0 (1.C. & 2.C.)



Intégration des esrQRRed manquants
Intégration de tiers soldant manquant
Intégration du type de loi

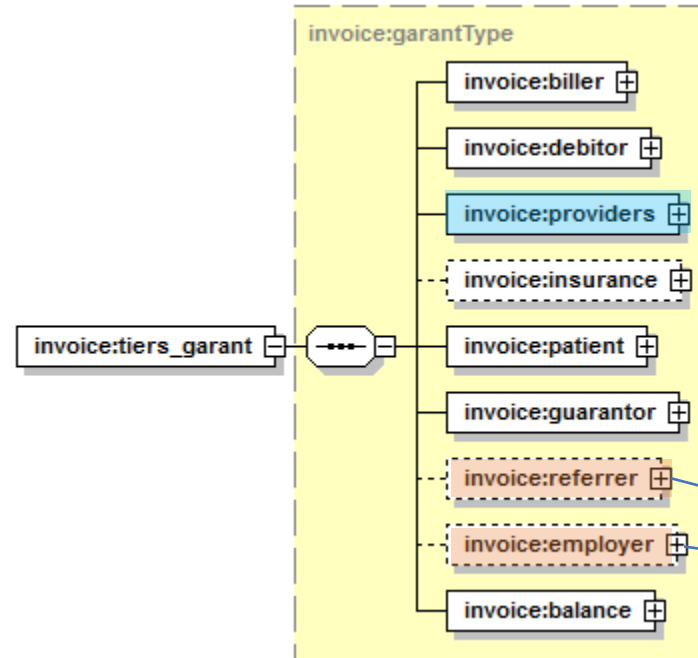
Adaptations tiers_garant

4.5



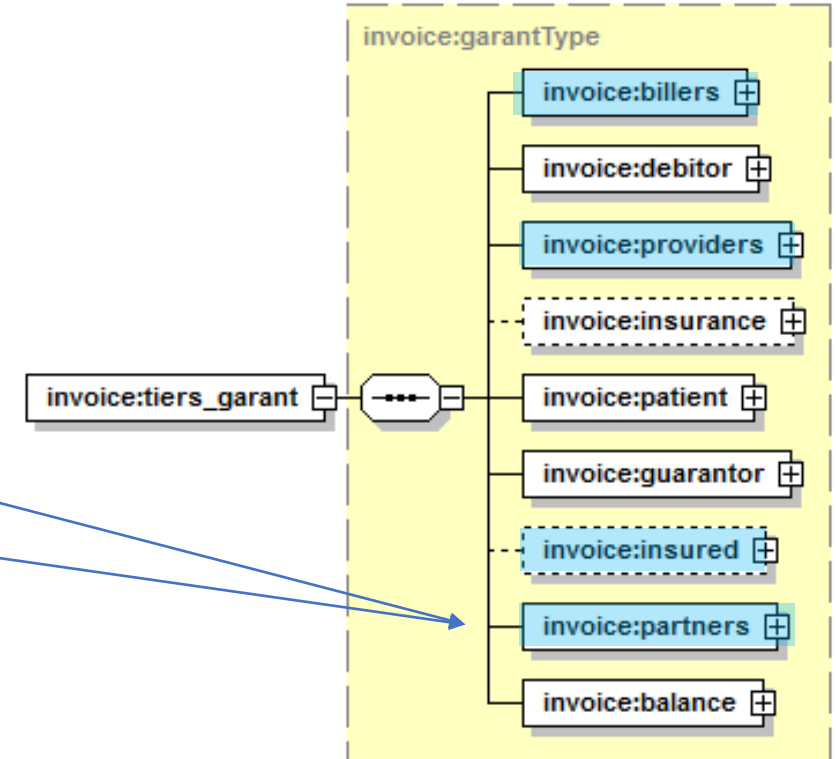
Supprimer `payment_period` → Partie de esrQR
Suppression de `insured`

5.0 (1.C.)



Montage découplage `providers` zsr/gln
Transfert de `referrer` et `employer` dans `partners`

5.0 (2.C.)



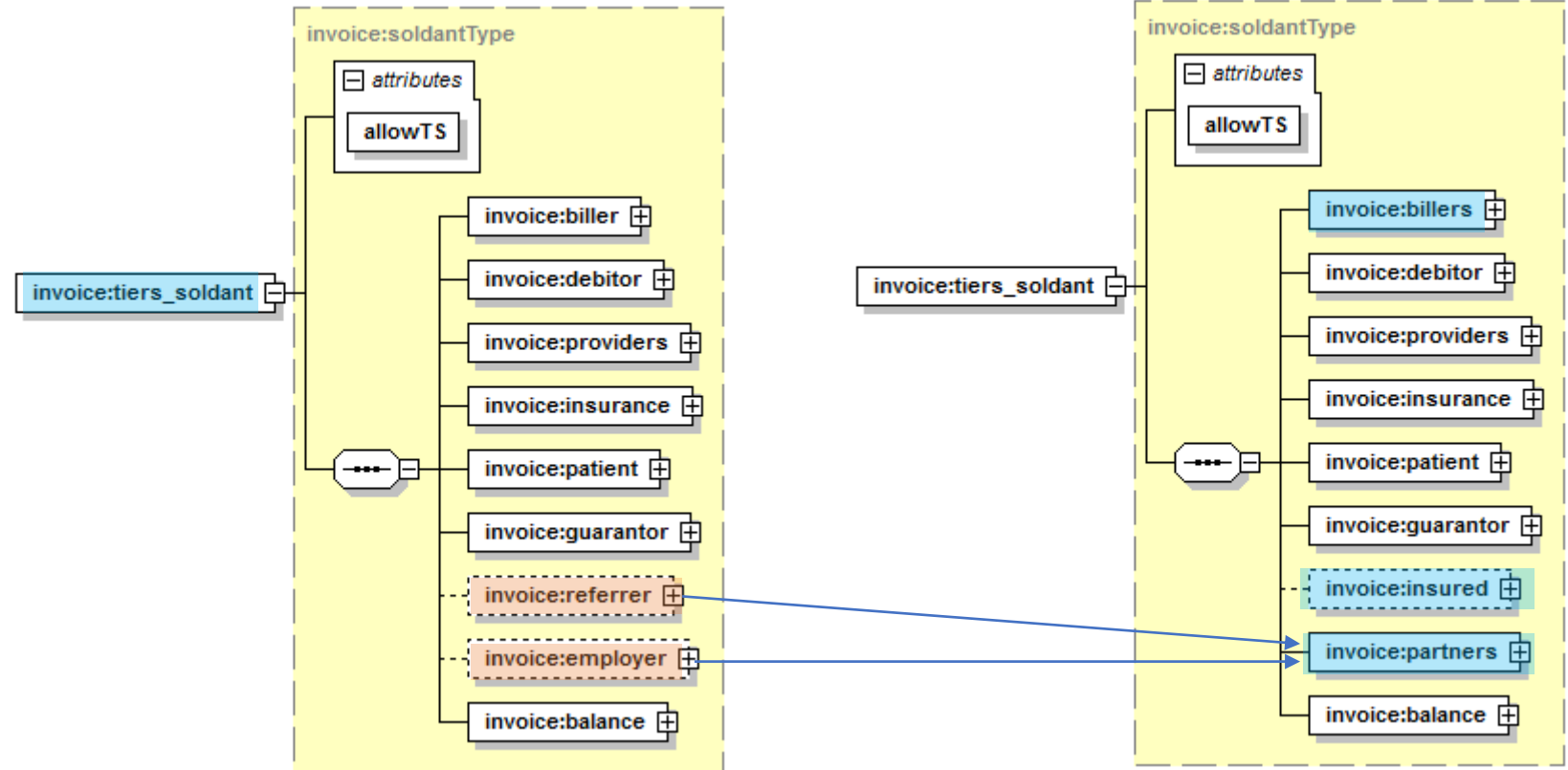
Montage découplage `billers` zsr/gln
Montage découplage `providers` zsr/gln
Réinstallation `insured`
Montage `partners`

Adaptations tiers_soldant

4.5

5.0 (1.C.)

5.0 (2.C.)

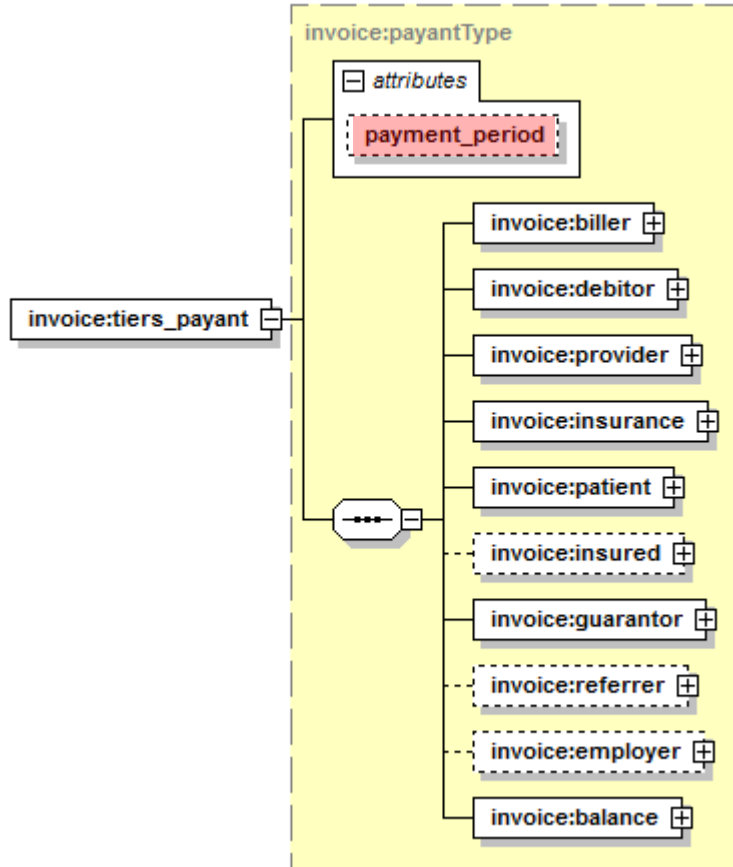


Intégration des structures de tiers soldant manquantes
 Transfert de referrer et d'employer en partenaires

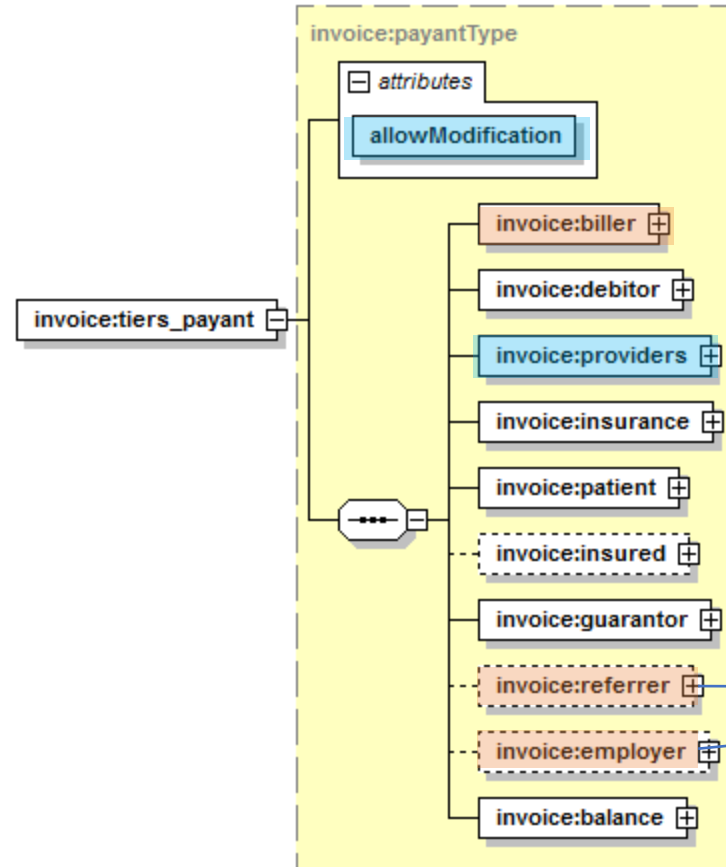
Montage de l'isolation billers zsr/gln
 Montage insured
 Montage partners

Adaptations tiers_payant

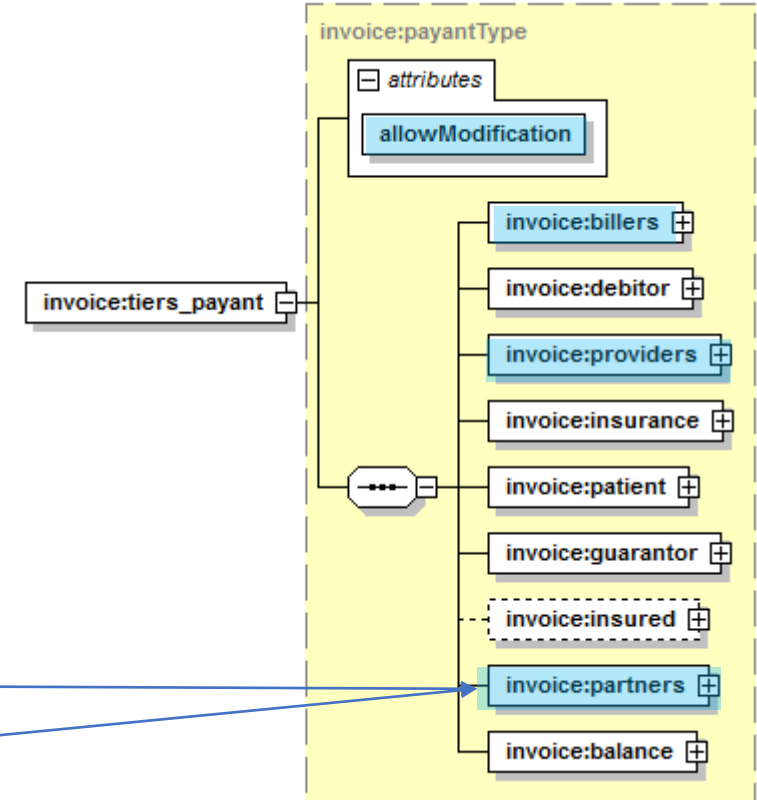
4.5



5.0 (1.C.)



5.0 (2.C.)



Supprimer `payment_period` → Partie de esrQR

Installation Autorisation de modification

Suppression de zsr dans biller

Transfert de referrer et employer dans le type de partenaire

Montage découplage providers zsr/gln

Installation Autorisation de modification

Montage découplage zsr/gln providers

Installation découplage zsr/gln billers

Installation partners

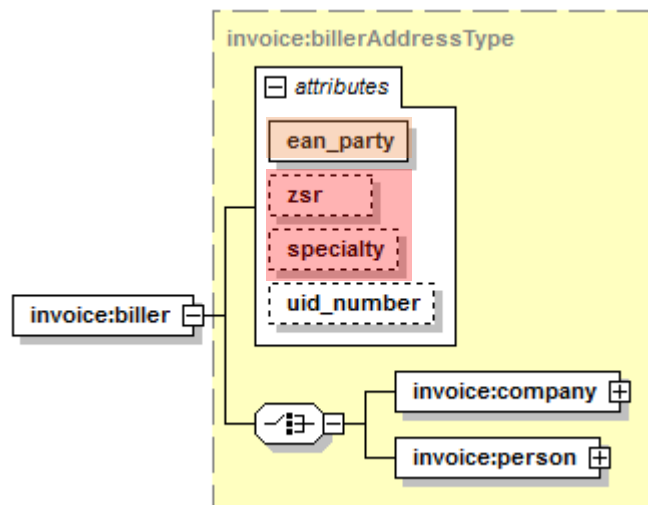
Éléments supprimés

Éléments à adapter

Éléments nouveau & adapté

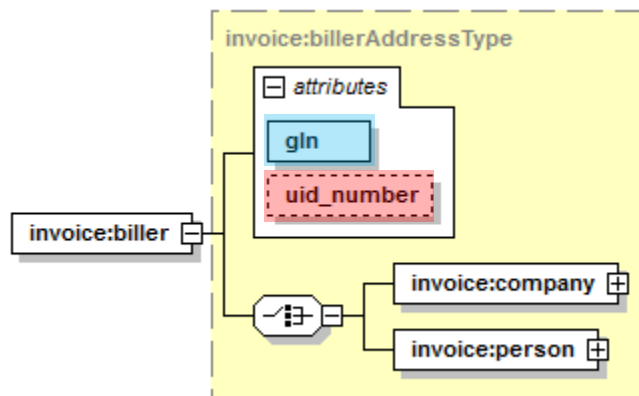
Adaptations biller (alle tiers)

4.5



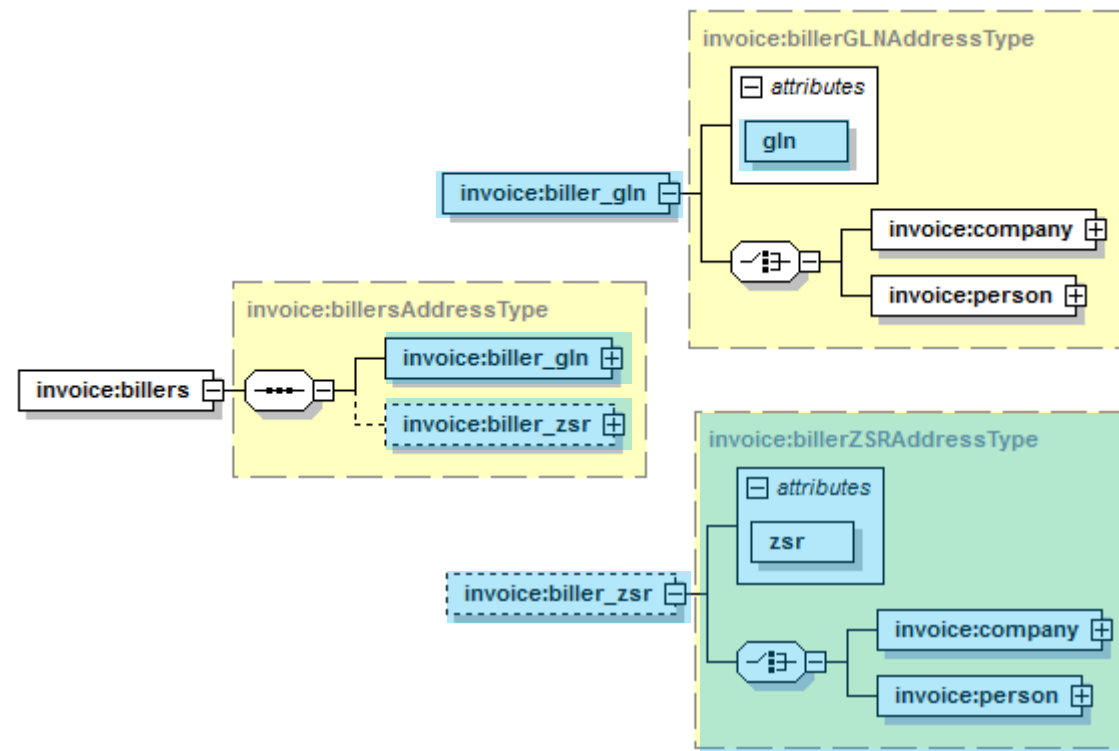
Renommer ean → gln
 Supprimer zsr
 Supprimer specialty «Dignité»

5.0 (1.C.)



Renommer comme gln
 Repositionnement uid_number → provider

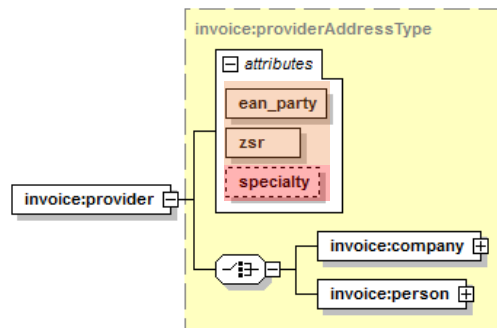
5.0 (2.C.)



Renommer en tant que gln
 Découplage zsr / gln avec deux adresses
 Installation gln obligatoire → Loi
 Intégration zsr optionnel → Contrat

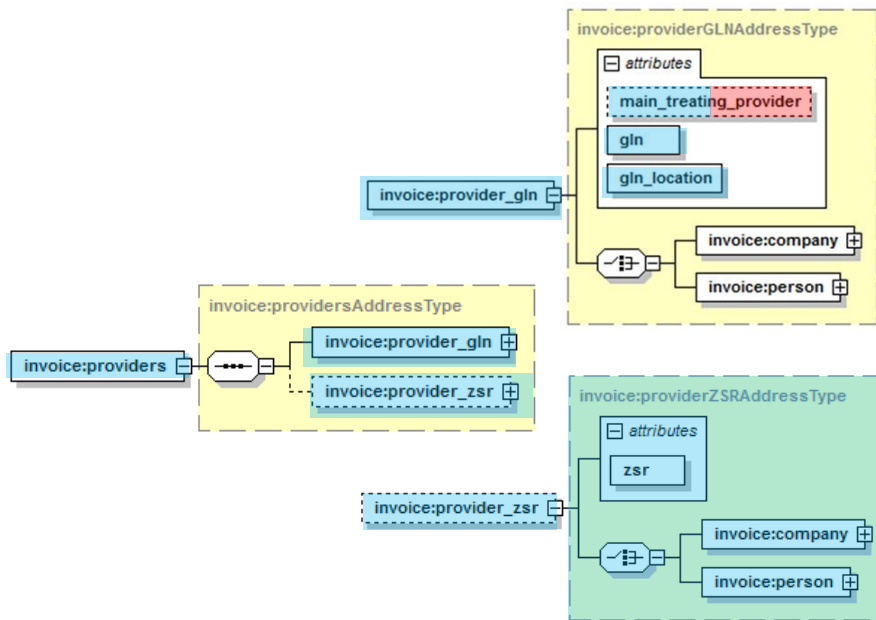
Adaptations provider (alle tiers)

4.5



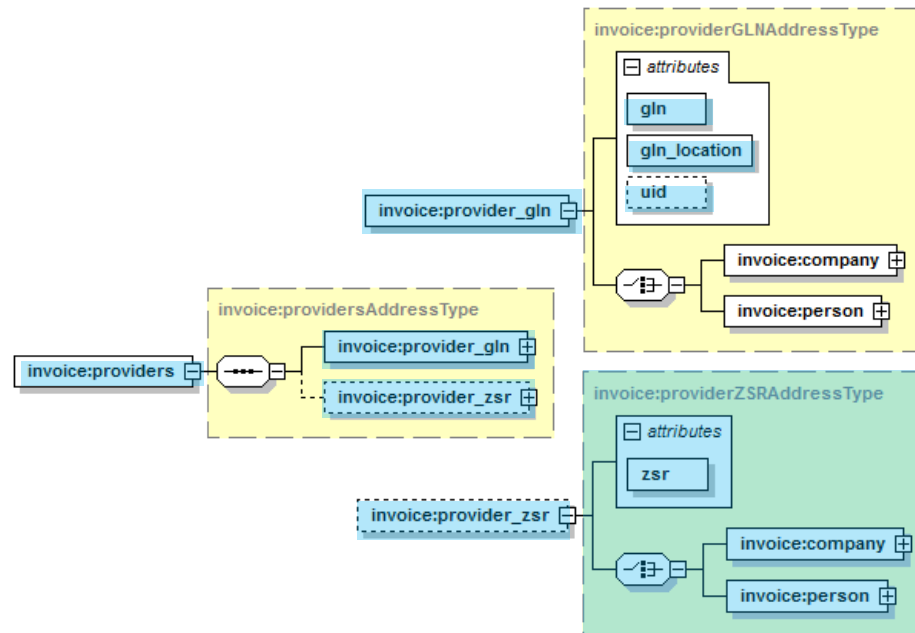
Renommer ean → gln
 Supprimer zsr
 Supprimer specialty «Dignité»

5.0 (1.C.)



Découplage gln & zsr avec deux adresses
 Intégration de la structure gln obligatoire → Loi
 Intégration de la structure zsr optionnelle → Contrat
 Intégration main_treating_provider

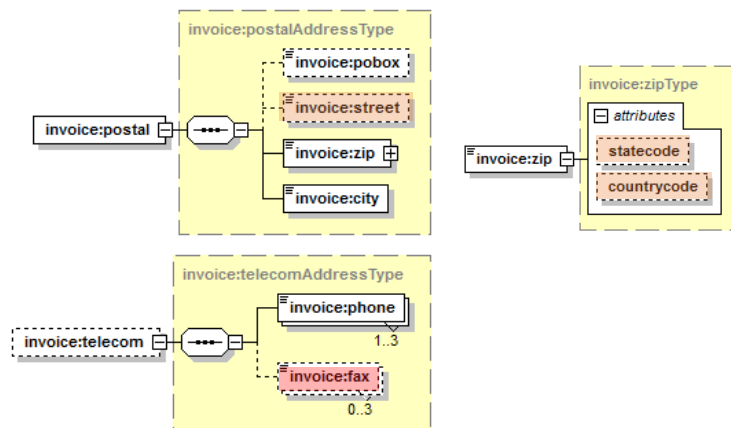
5.0 (2.C.)



Découplage gln & zsr avec deux adresses
 Intégration de la structure gln obligatoire → Loi
 Intégration de la structure zsr optionnelle → Contrat
 Transfert main_treating_provider dans partners
 Transfert de l'id de biller

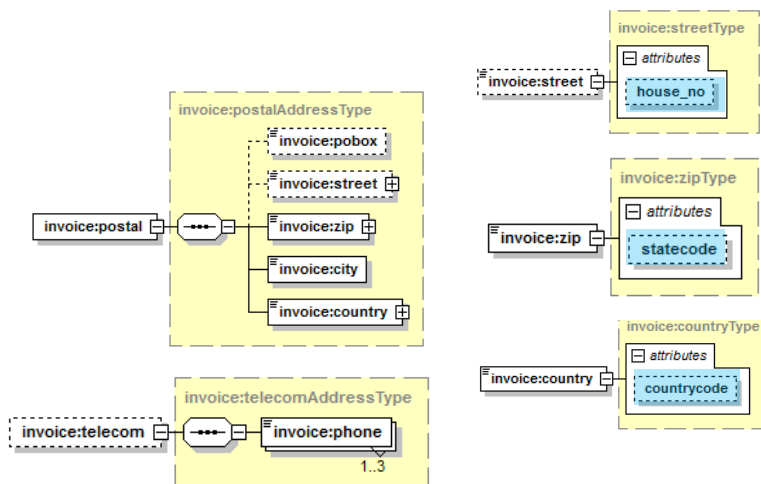
Adaptations Adresse (alle)

4.5



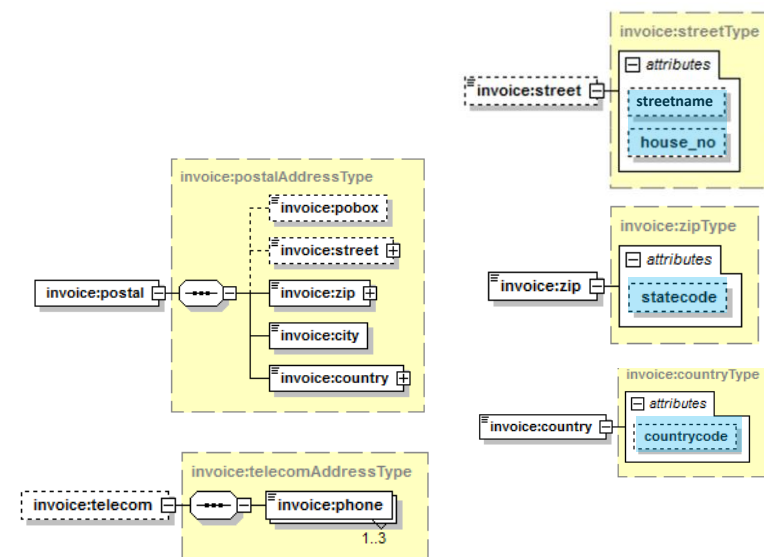
Un champ pour le nom de la rue et le numéro de la maison
 Supprimer le numéro de fax
 countrycode Partie de zip

5.0 (1.C.)



Transition en douceur Séparation du numéro de maison
 Découplage du statecode et du countrycode

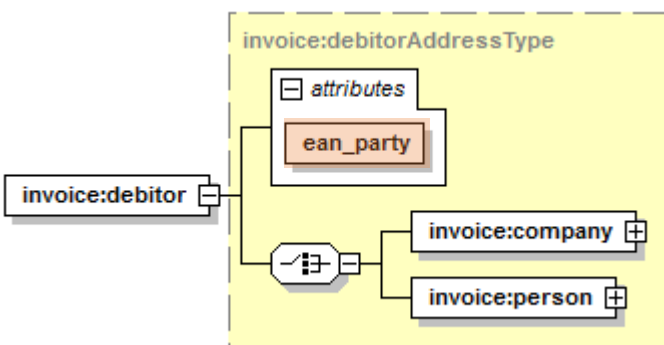
5.0 (2.C.)



Transition douce Séparation de Nom de la rue et numéro de la maison
 Découplage du statecode et du countrycode

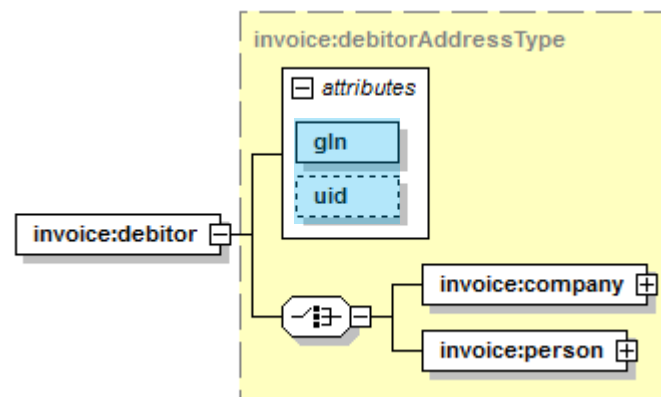
Adaptations debtor (alle tiers)

4.5



Renommer ean → gln

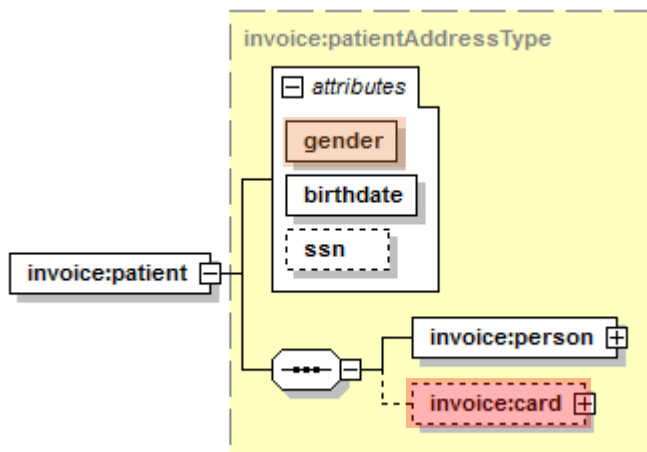
5.0 (1.C. & 2.C.)



Montage gln
 Montage uid (ide) optionnel

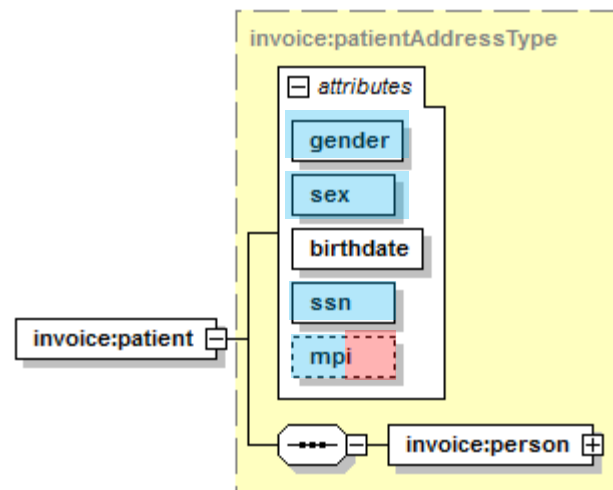
Adaptations patient (alle tiers)

4.5



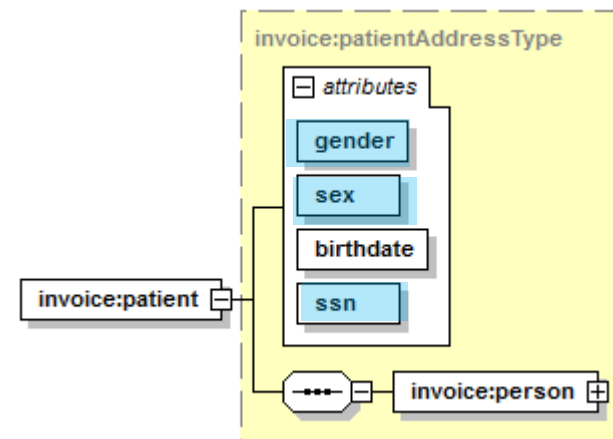
Pas de séparation entre
 → le sexe social « gender »
 → sexe biologique « sex »
 → Transfert de card_id à law

5.0 (1.C.)



Extension du sexe social gender « m/f/**d** »
 Introduction du sexe biologique sex avec « f/m »
 Optionnel → ssn obligatoire (n° AVS)
 Intégration mpi MasterPatientIndex

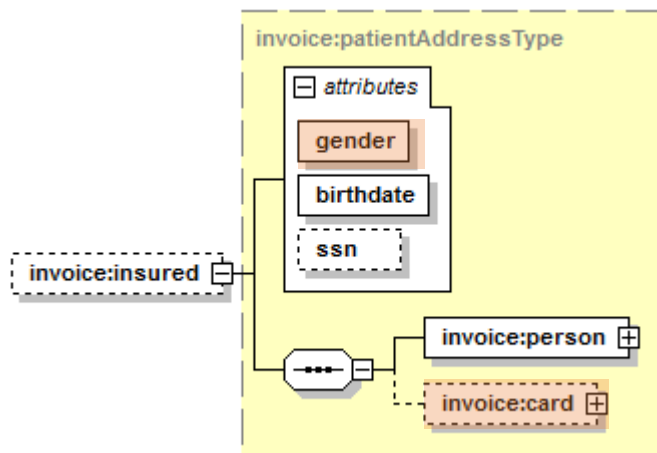
5.0 (2.C.)



Extension du sexe social gender « m/f/**d** »
 Introduction du sexe biologique sex avec « f/m »
 Optionnel → ssn obligatoire (n° AVS)
 Déconstruction mpi MasterPatientIndex

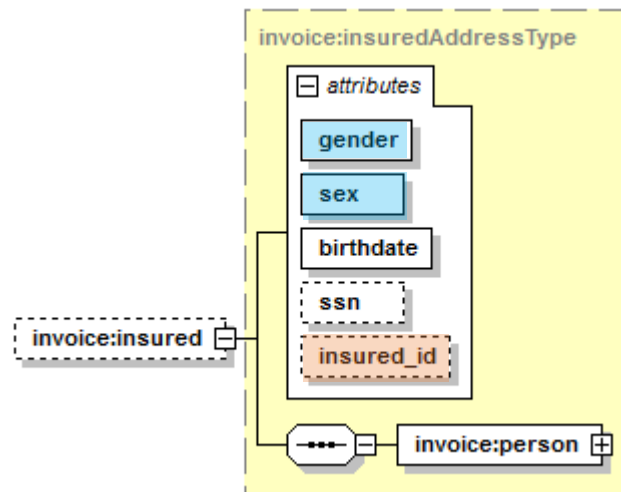
Adaptations insured (alle tiers)

4.5



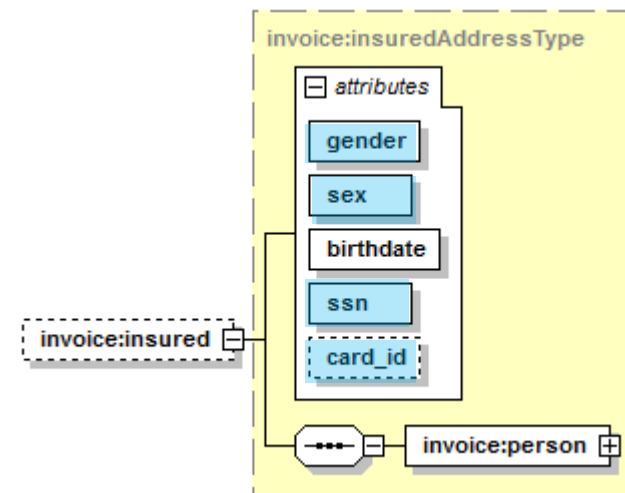
Pas de séparation entre
 → le sexe social « gender »
 → sexe biologique « sex »
 Transfert de `card_id` à `insured`

5.0 (1.C.)



Extension du troisième sexe `gender` « m/f/d »
 Introduction du sexe biologique `sex` « f/m »
 Transfert `insured_id` de `card`

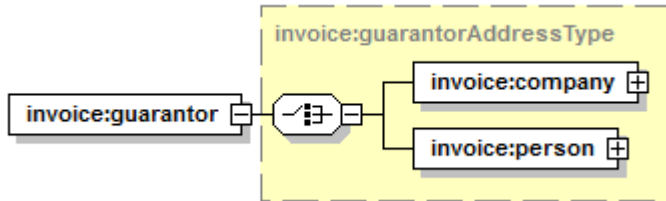
5.0 (2.C.)



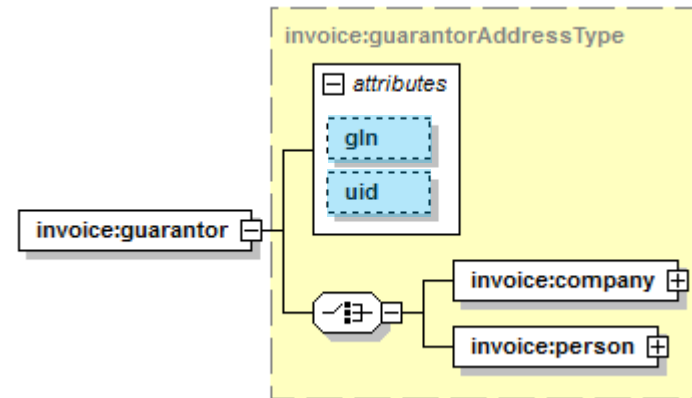
Extension du troisième sexe `gender` « m/f/d »
 Introduction du sexe biologique `sex` « f/m »
 Optionnel → `ssn` obligatoire (n° AVS)
 Rename `insured_id` → `card_id`

Adaptations guarantor (alle tiers)

4.5



5.0 (1.C. & 2.C.)

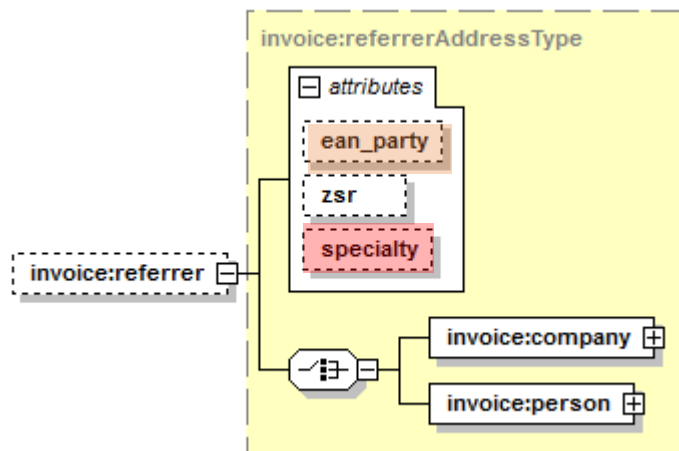


Montage gln

Montage uid (IDE) optionnel

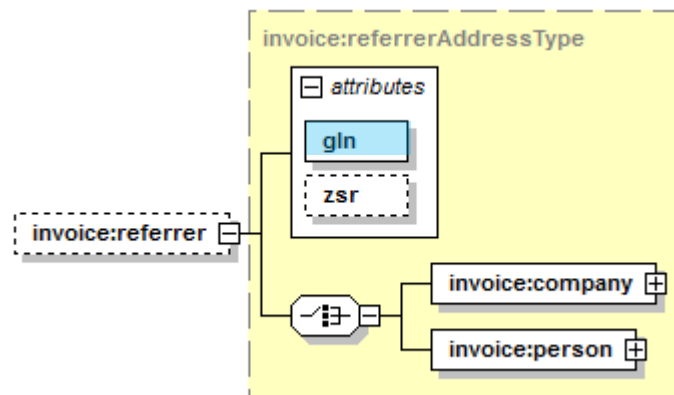
Adaptations referrer (alle tiers)

4.5



Renommer ean → gln
 Suppression spécialité « Dignité »

5.0 (1.C.)



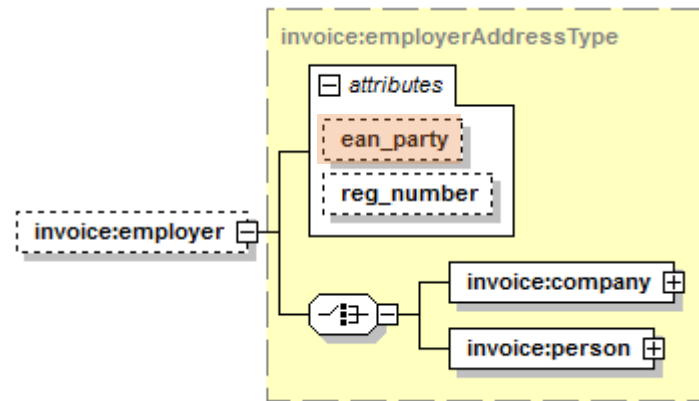
Montage gln

5.0 (2.C.)

Intégré dans les partenaires (Type)

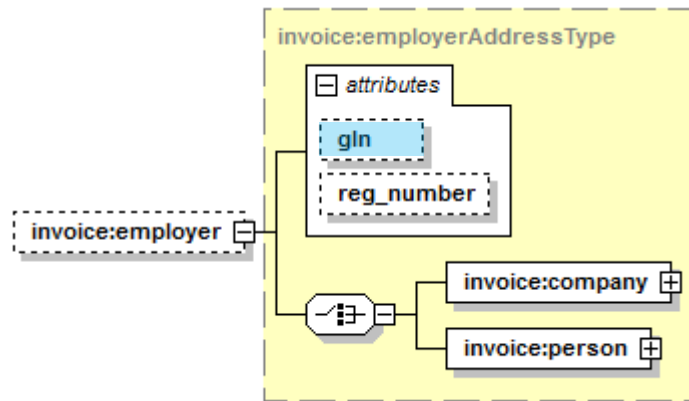
Adaptations employer (alle tiers)

4.5



Renommer ean → gln

5.0 (1.C.)



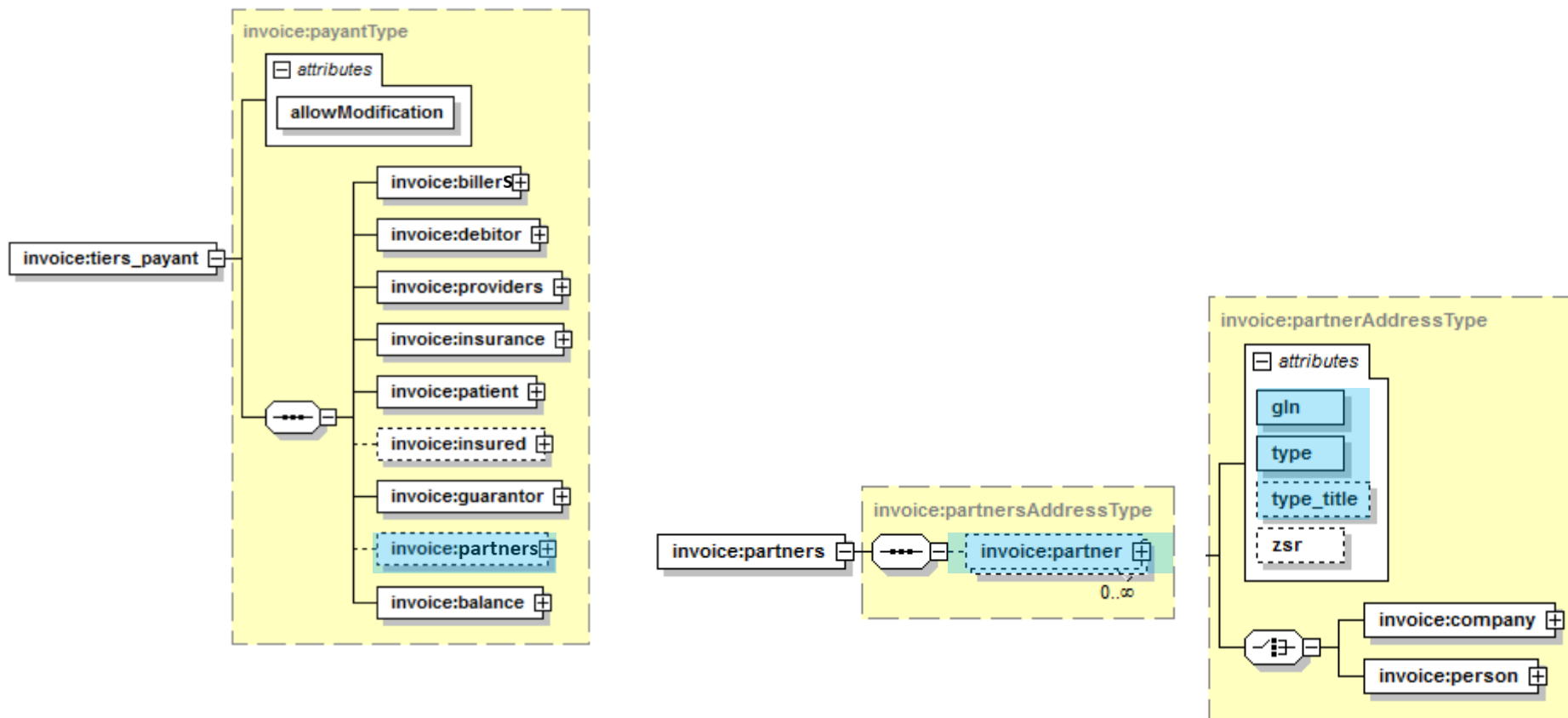
Montage gln

5.0 (2.C.)

Intégré dans les partenaires (Type)

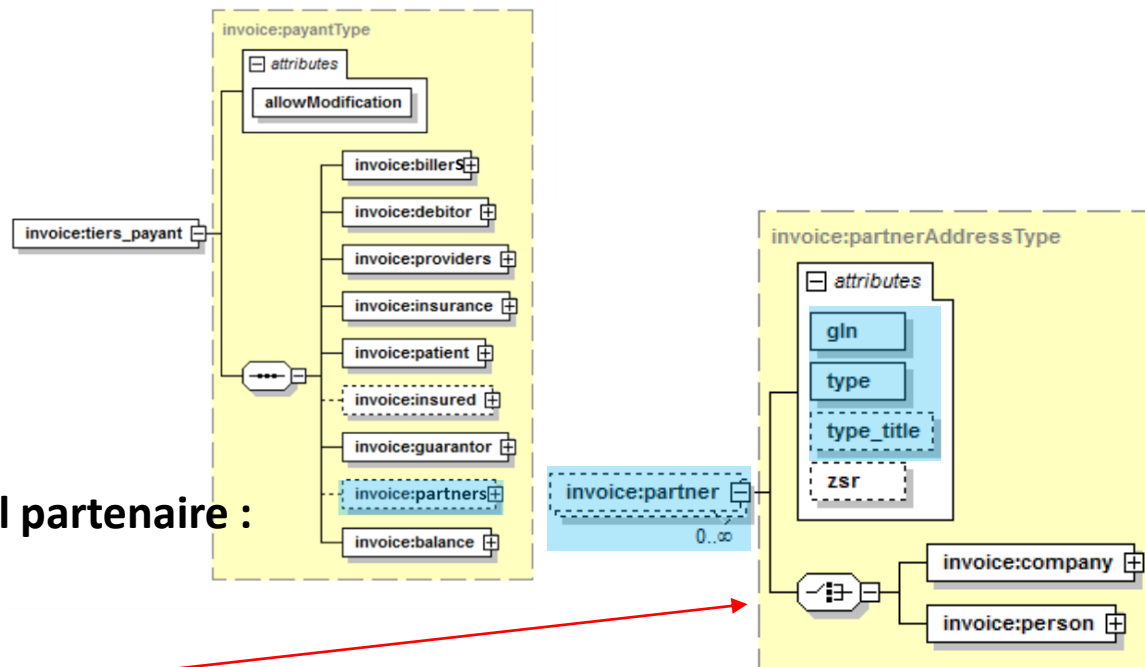
Adaptations optionale partners (alle tiers)

5.0 (2.C.)



Adaptations optionale partners (alle tiers)

Une structure de partenaires typée **en option** a l'avantage de pouvoir être accompagnée de n'importe quel partenaire si nécessaire.



Possibilité de définir n'importe quel partenaire :

- Mandataire
- Personne en charge du cas
- Personne principale traitante
- Employeur
- Médecin de famille
- Opérateur
- Médecin traitant
-

Une conversion a les conséquences suivantes

- referrer, employer, main_treating_provider soient transférés dans cette structure
- un GLN 20 fictif est défini pour les partenaires sans GLN
- une structure de type est définie, y compris « type_title » avec un type librement définissable.

Adaptations balance (alle tiers)

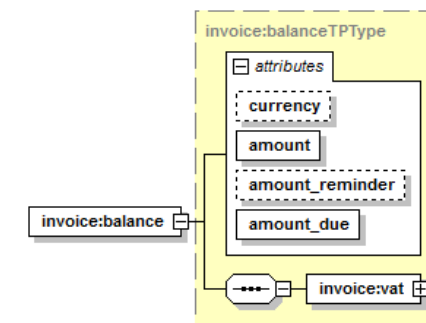
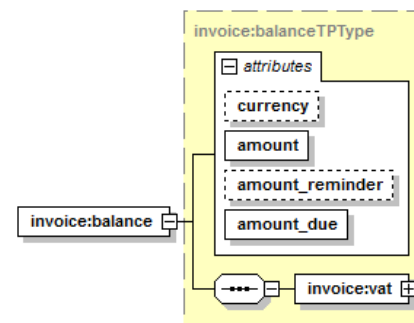
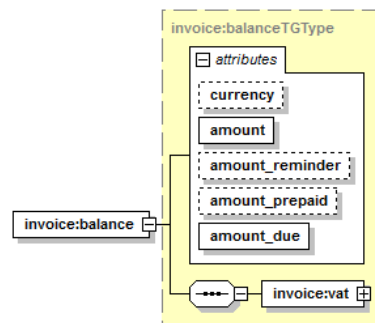
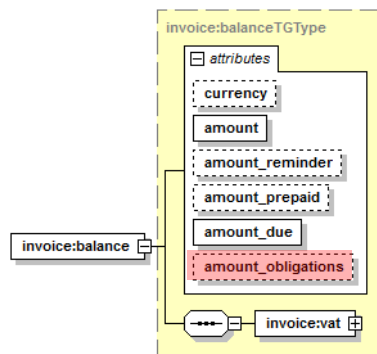
4.5

5.0 (1.C. & 2.C.)

TG

TP

TS



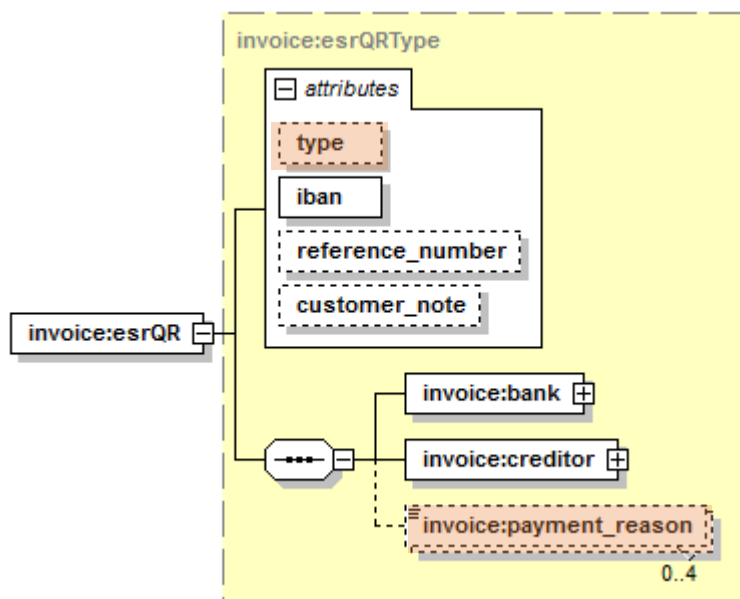
Extension `amount_obligation` (obligation LAMal)
 Reliquat de l'introduction de TARMED

Introduction de l'`service_attribut` « Bit 5 Pas de prestation obligatoire »
 au niveau des positions de prestations → `service`

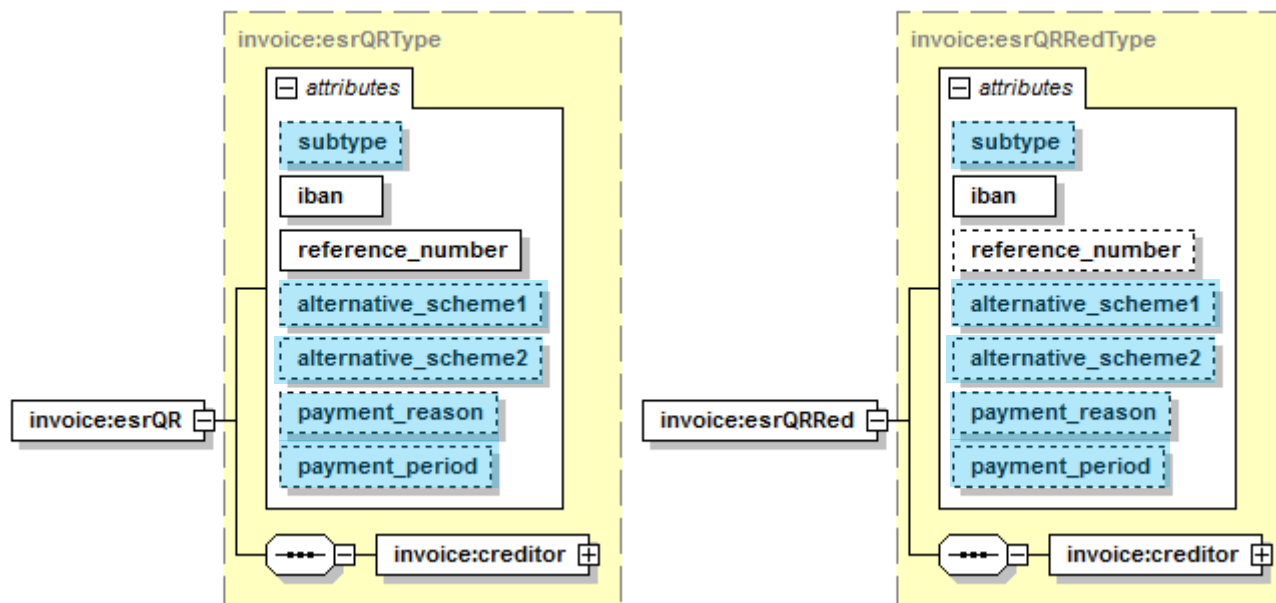
Adaptations esrQR / esrQRred

4.5

5.0 (1.C. & 2.C.)



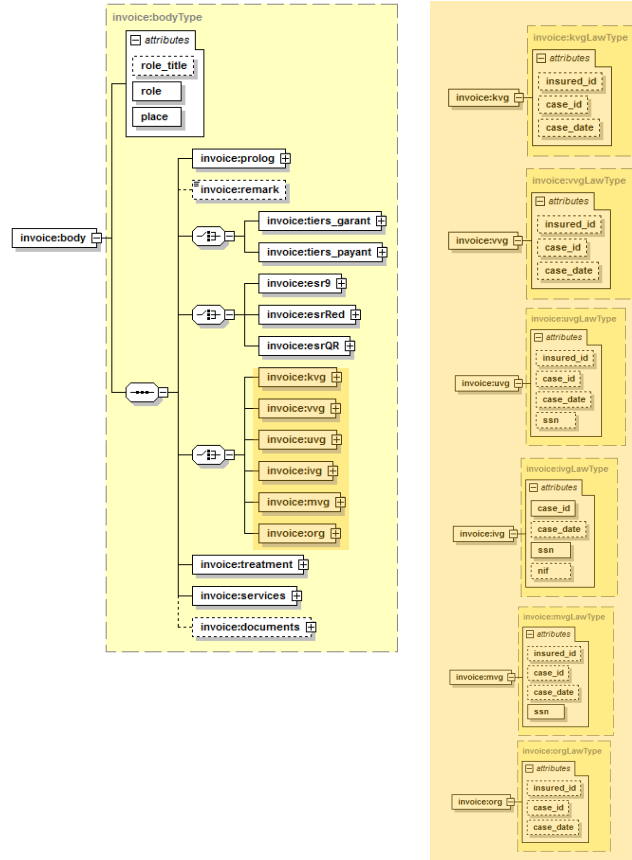
Renommer le type avec le sous-type
 Transformation de l'ancienne structure esr en structure esrQR



Introduction subtype
 Introduction aux structures esrQR

Adaptations law

4.5



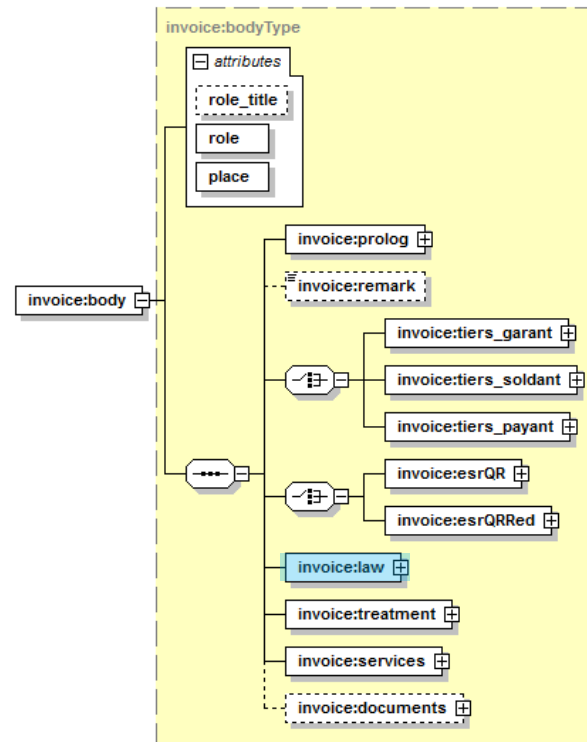
Structure de loi différente
avec des identificateurs individuels

Éléments supprimés

Éléments à adapter

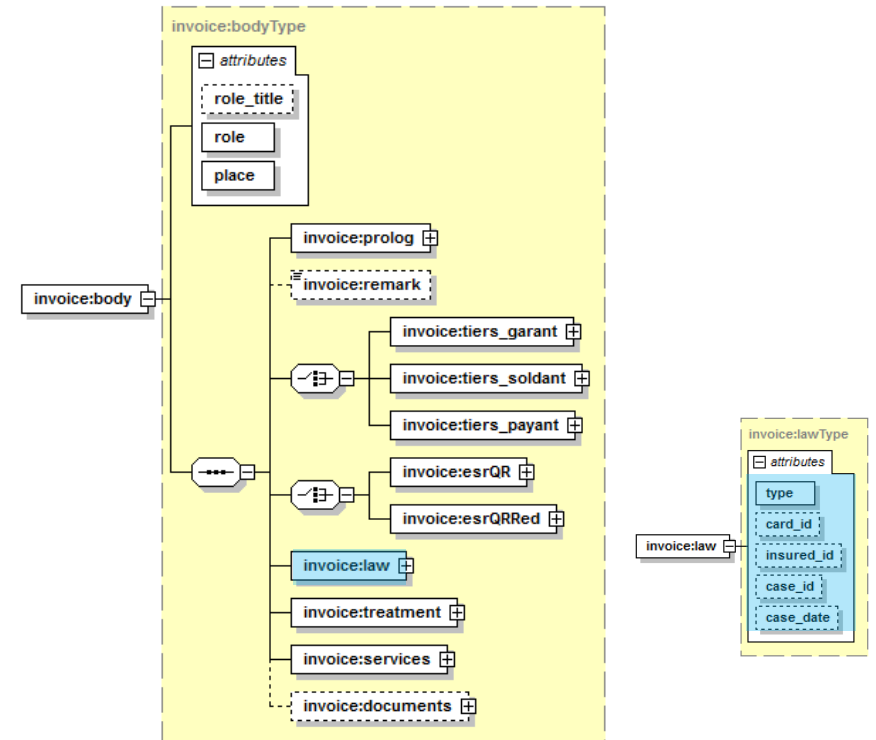
Éléments nouveau & adapté

5.0 (1.C.)



Introduction de law avec Type
Identifiants uniformes

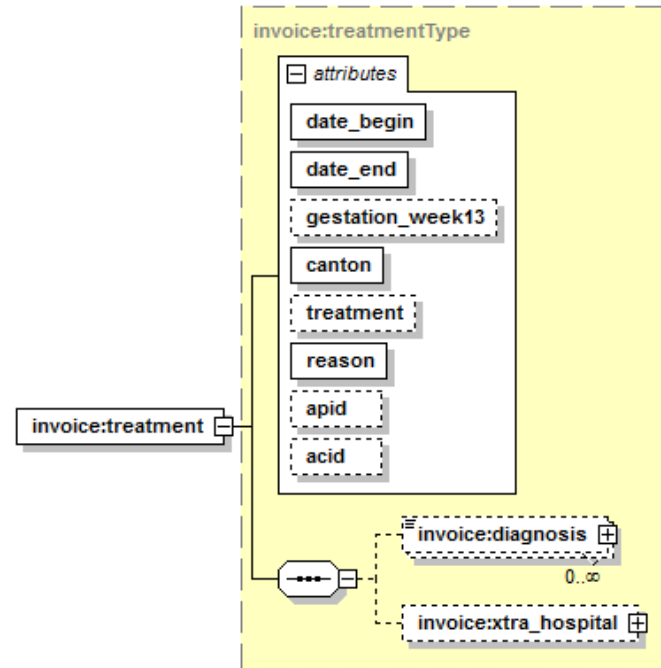
5.0 (2.C.)



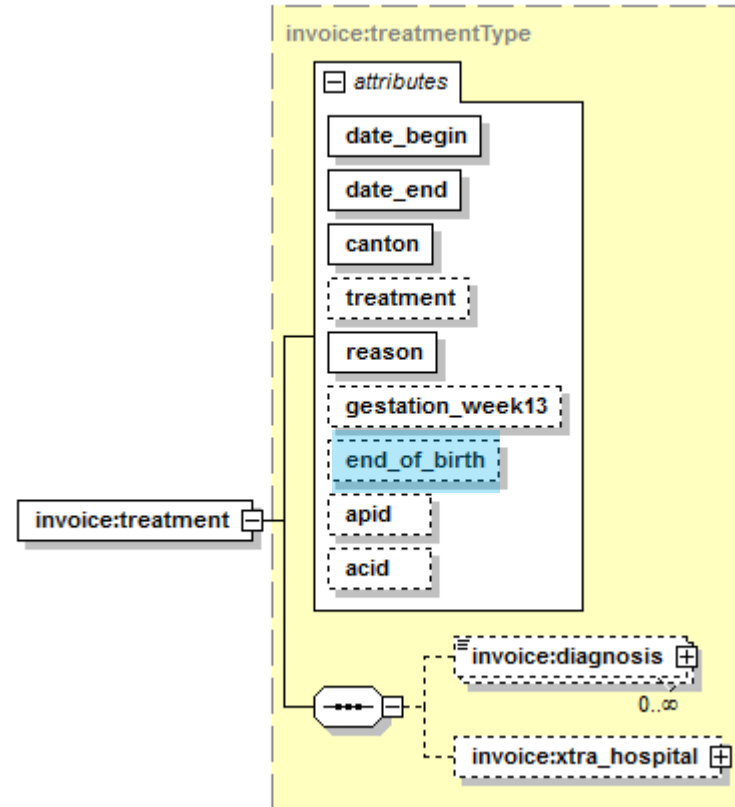
Renommer customer_no → card_id

Adaptations treatment

4.5



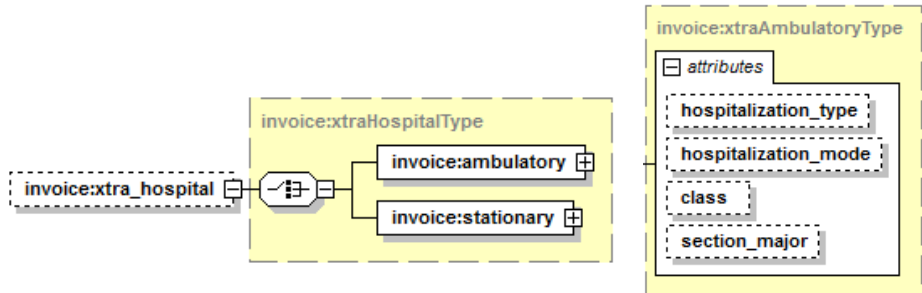
5.0 (1.C. & 2.C.)



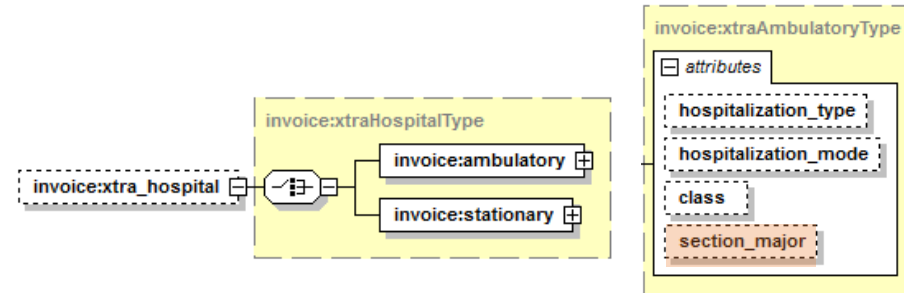
Installation Date manquante Fin de l'accouchement

Adaptations xtra_hospital «ambulatory»

4.5



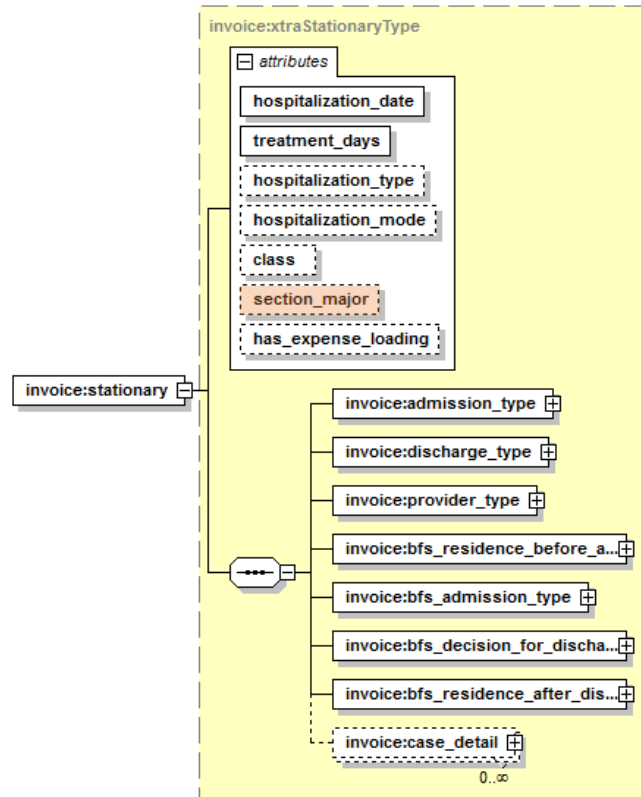
5.0 (1.C. & 2.C.)



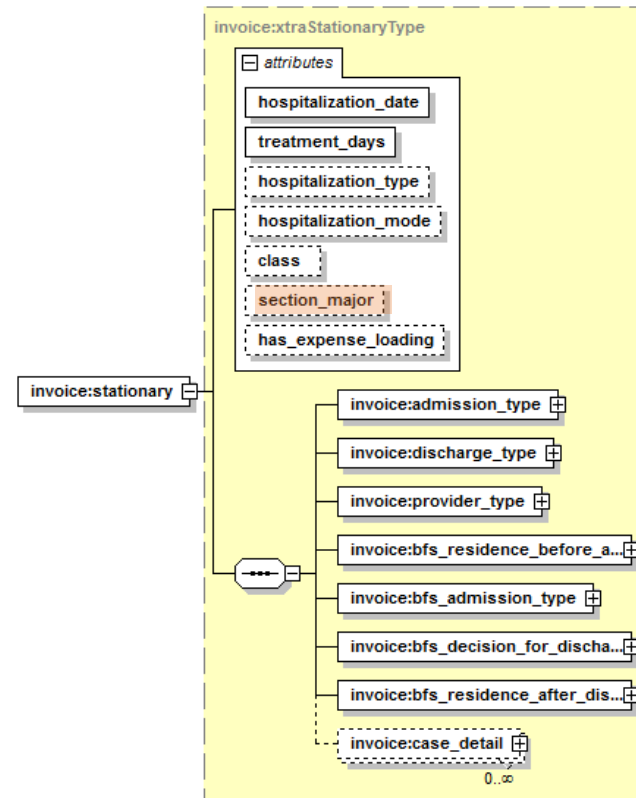
Prolongation du champ de données `section_major`
→ Introduction « Forfaits ambulatoires »

Adaptations xtra_hospital «stationary»

4.5

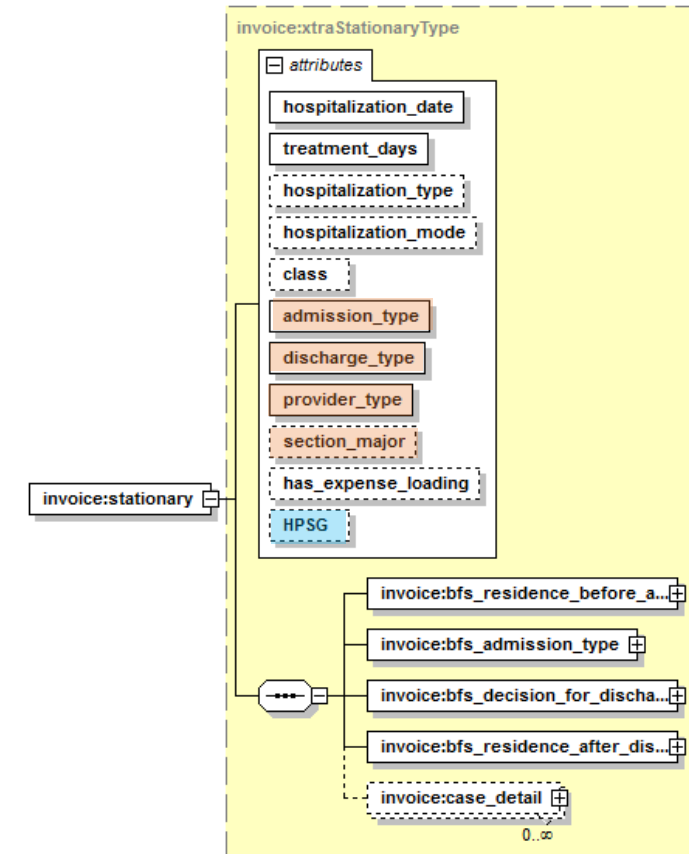


5.0 (1.C.)



Prolongement Champ de données `section_major`

5.0 (2.C.)



Prolongement Champ de données `section_major`

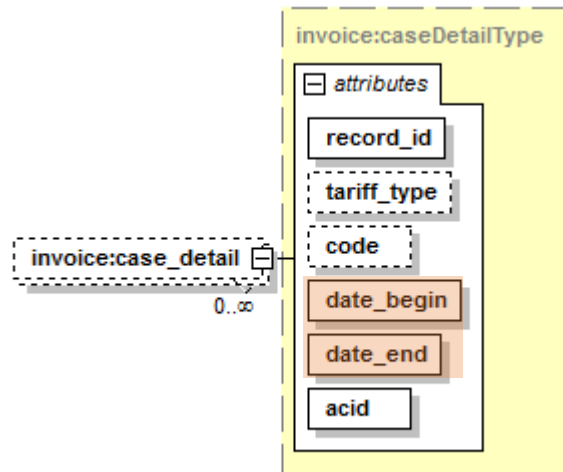
Intégration du champ optionnel GPPH → (HPSG)

Remplacement de la liste générique

→ Installation de la structure des valeurs de données de `admission_type` / `discharge_type` / `provider_type`

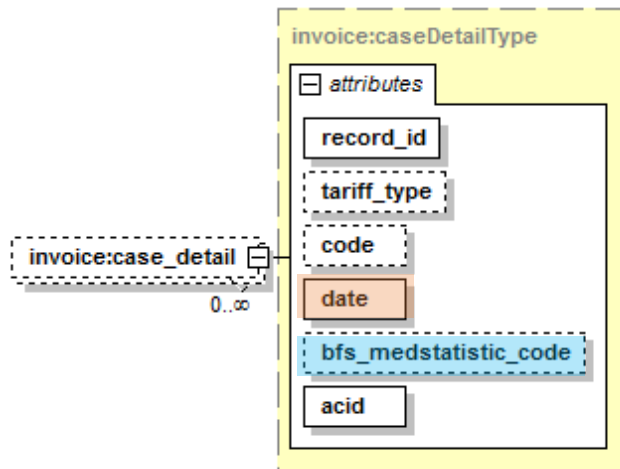
Adaptations case_detail

4.5



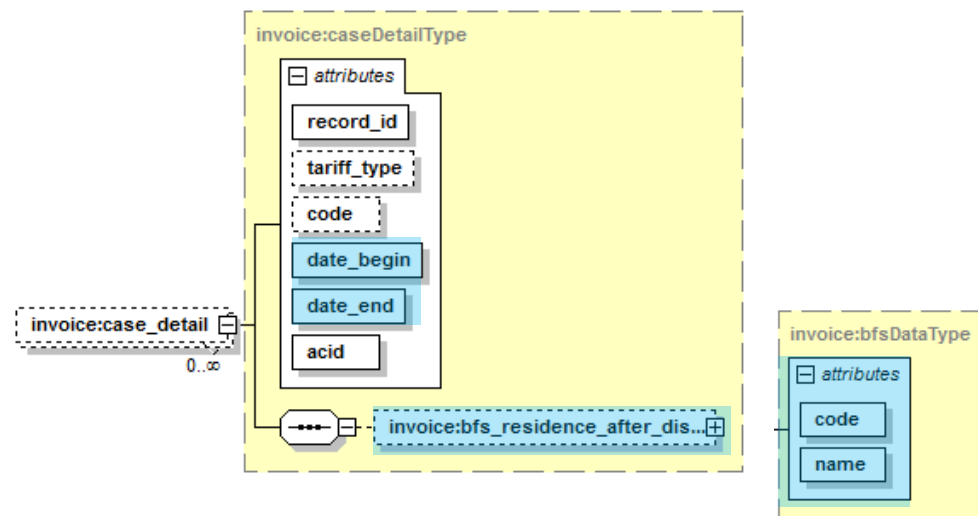
Date de/à « période »

5.0 (1.C.)



Transformation en date « événement »
Montage `bfs_medstatistic_code`

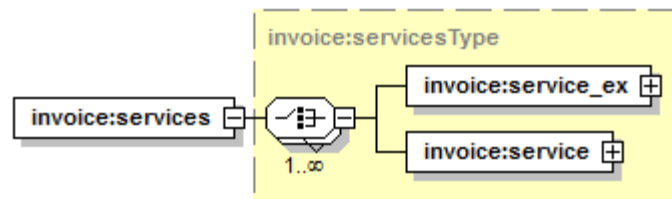
5.0 (2.C.)



Réduction à la date de/à la « période »
Montage `bfs_residence_after_discharge`
Montage Champs de données `code` & `nom`

Adaptations services

4.5 & 5.0 (1.C. & 2.C.)

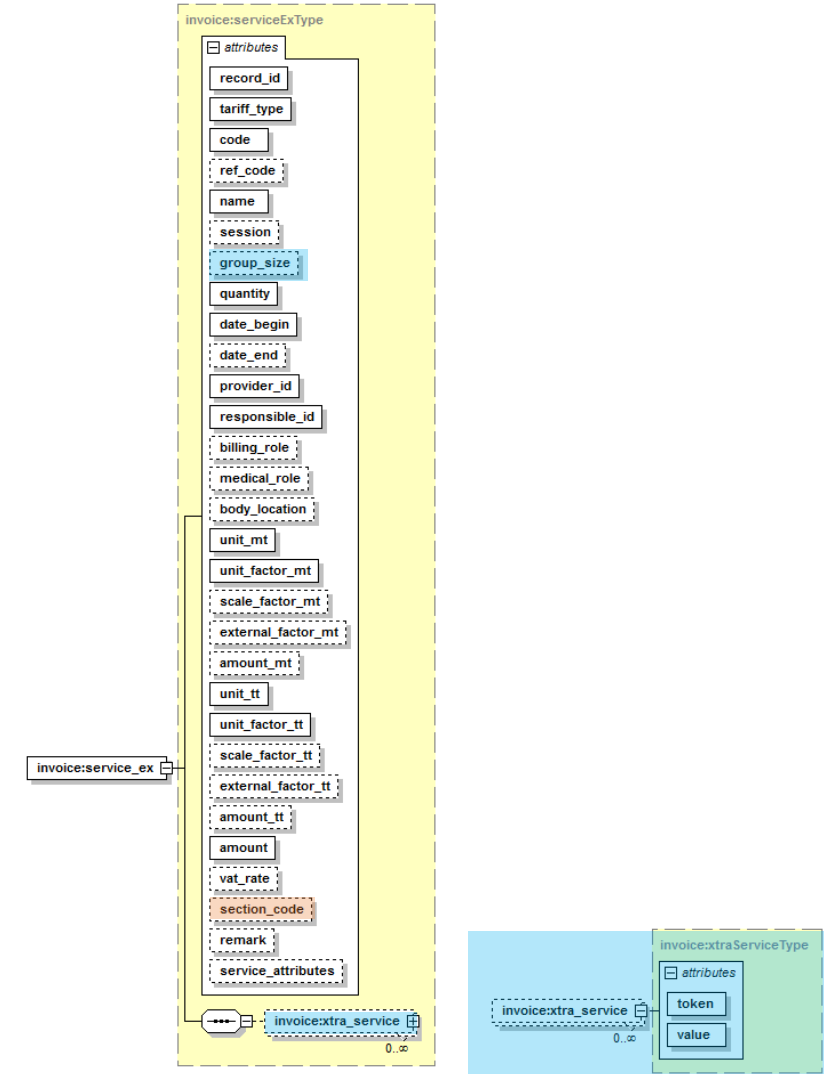
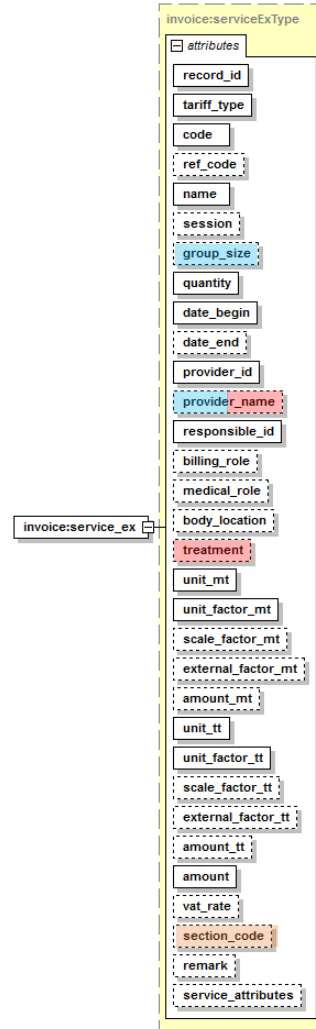
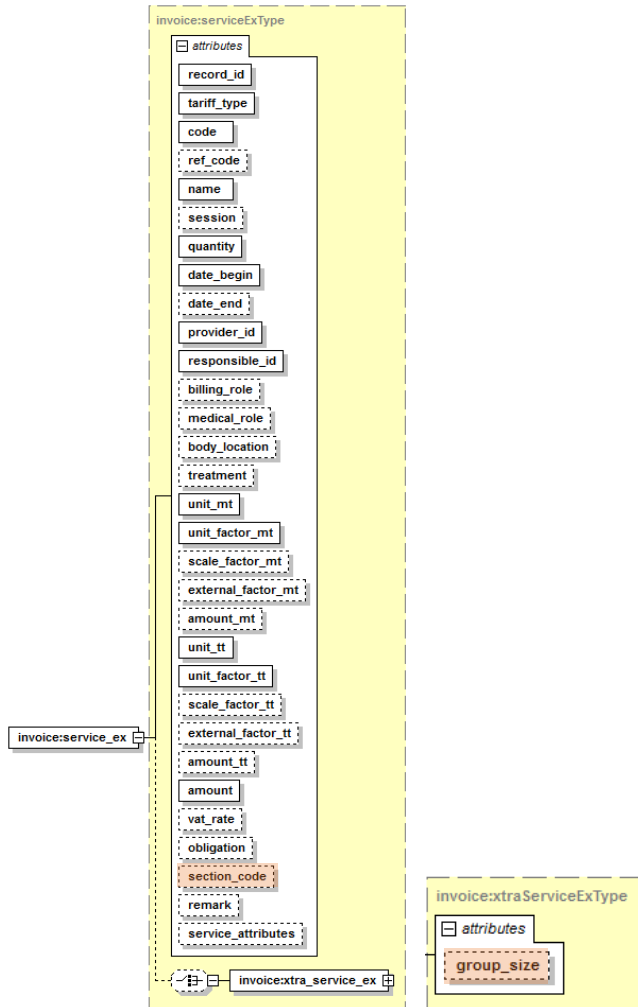


Adaptations service_ex

4.5

5.0 (1.C.)

5.0 (2.C.)



Transfert de groupe_size dans la structure de service

Éléments supprimés

Éléments à adapter

Éléments nouveau & adapté

Montage groupe_size avec valeur par défaut = 1
Étendre la longueur du champ section_code

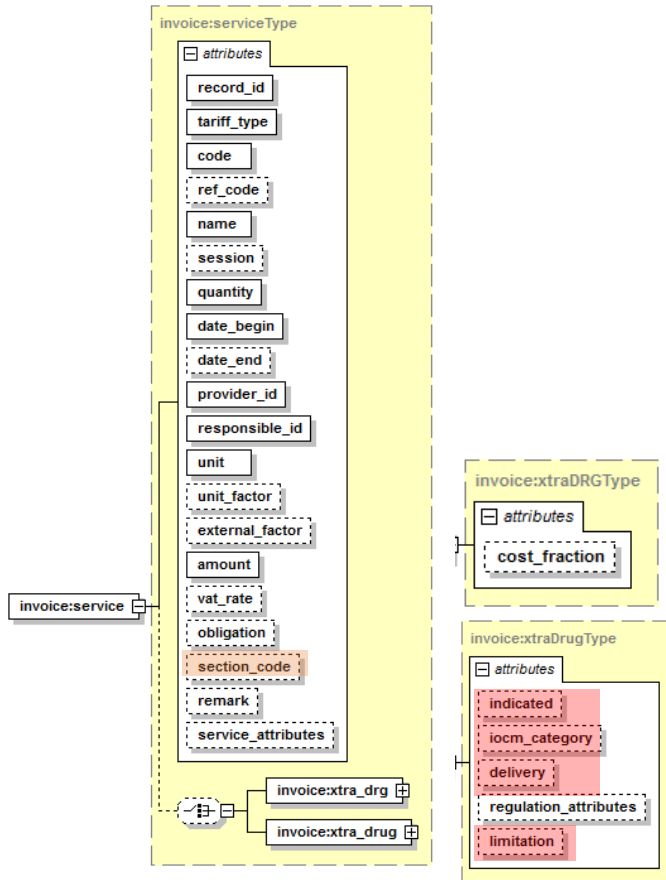
Montage groupe_size avec valeur par défaut = 1
Supprimer le nom du fournisseur → partners
Étendre la longueur du champ section_code
Montage extra_services → Imprévu
Extension treatment, n'est plus nécessaire

Adaptations service

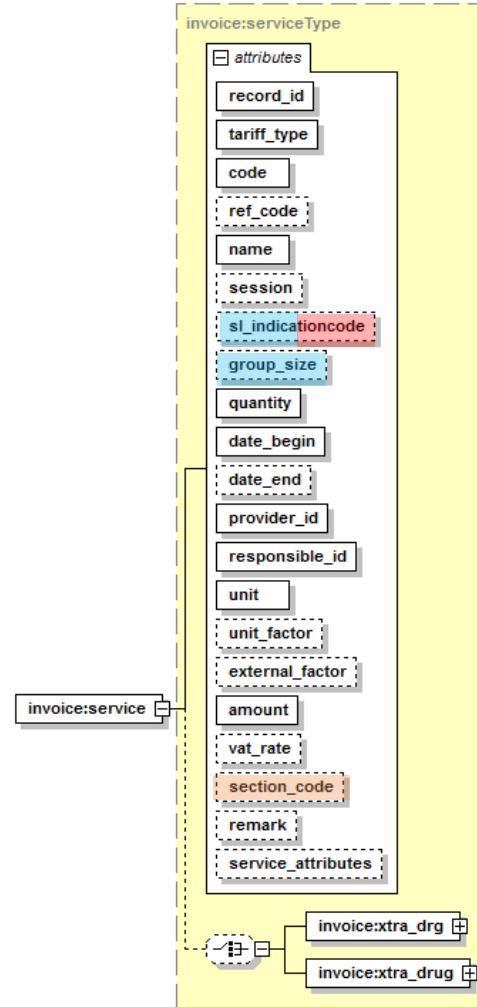
5.0 (1.C.)

5.0 (2.C.)

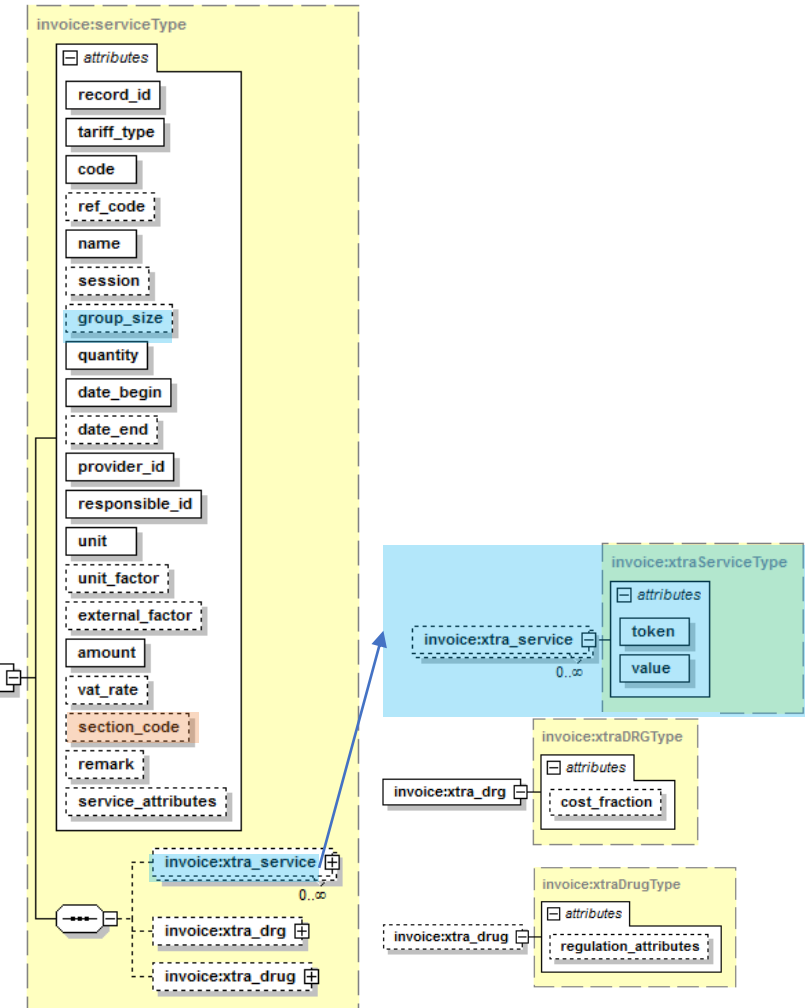
4.5



Suppression des anciens champs de données pharmaceutiques



Montage `sl_indicationcode`
Étendre la longueur de champ `section_code`
Montage Taille du groupe



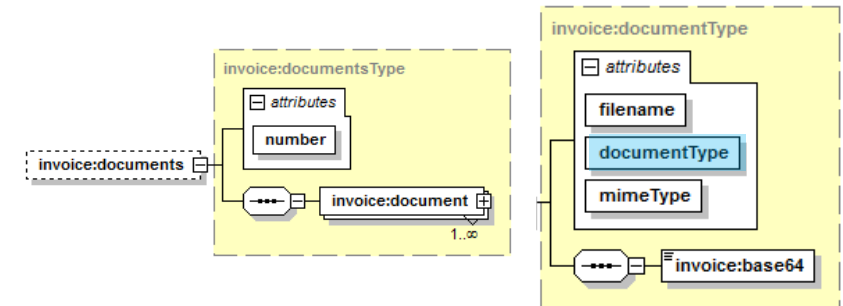
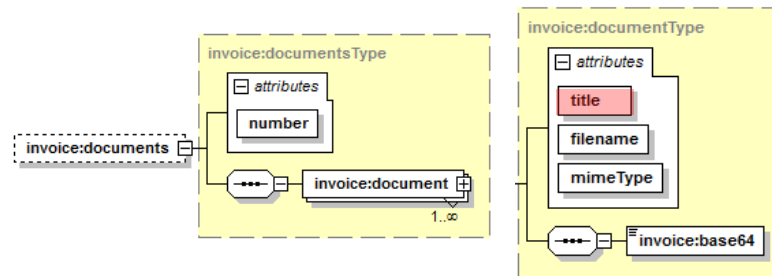
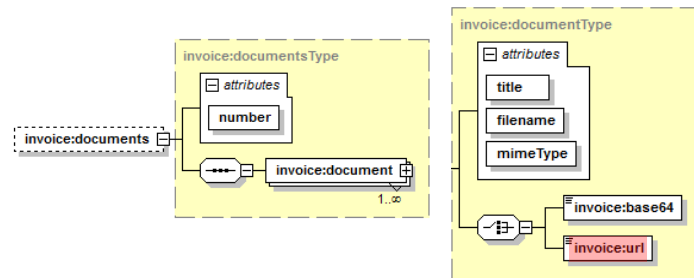
Extension `sl_indicationcode` → `extra_services`
Étendre la longueur du champ `section_code`
Montage `extra_services` → Imprévu
Montage Taille du groupe

Adaptations documents

4.5

5.0 (1.C.)

5.0 (2.C.)



Extension url → Problème de protection des données

Problem title → Non spécifique

Montage documentType avec plage de valeurs

Éléments supprimés

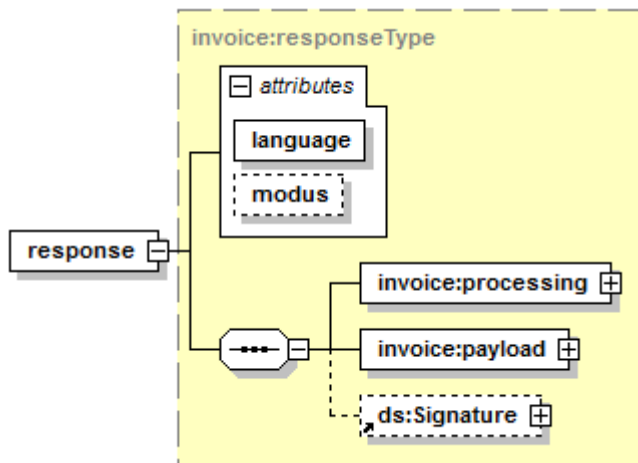
Éléments à adapter

Éléments nouveau & adapté

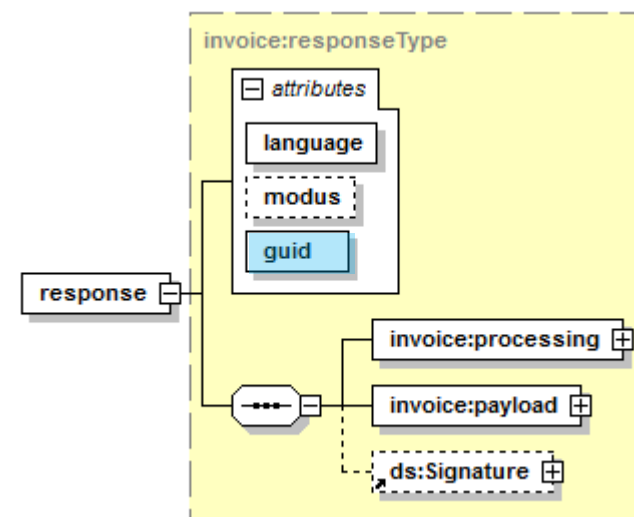
Adaptations generalResponse

Adaptations response

4.5 & 5.0 (1.C.)



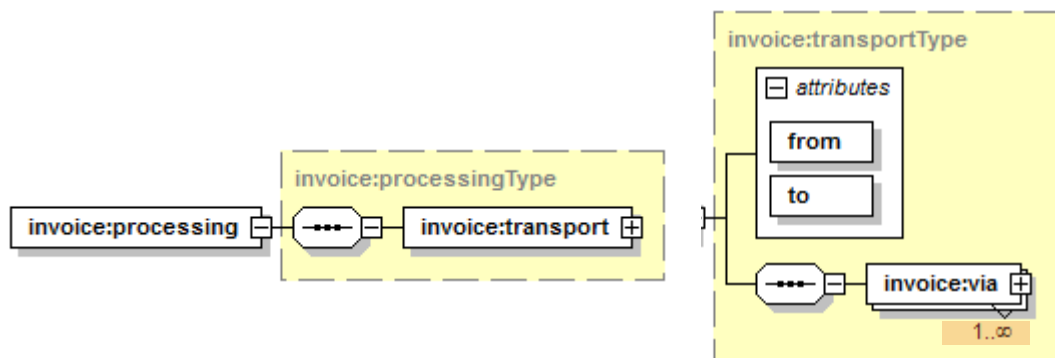
5.0 (1.C.)



guid est déplacé de invoice / reminder
 Raison : La guid est générée au niveau du document.

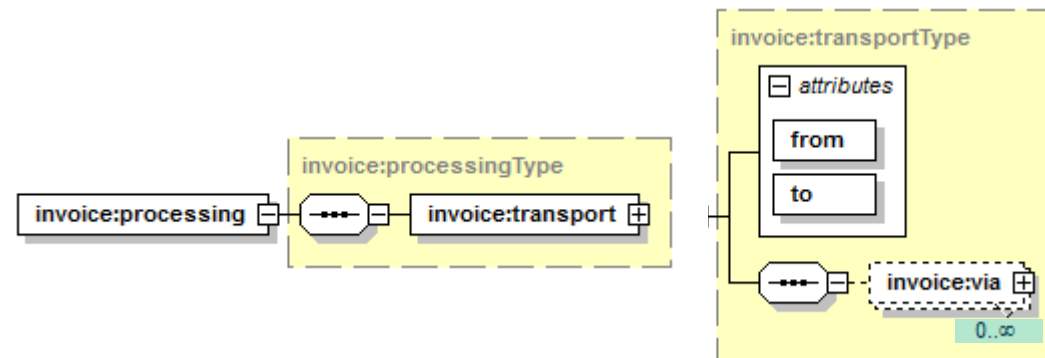
Adaptations transport

4.5



L'intermédiaire est obligatoire

5.0 (1.C. & 2.C.)

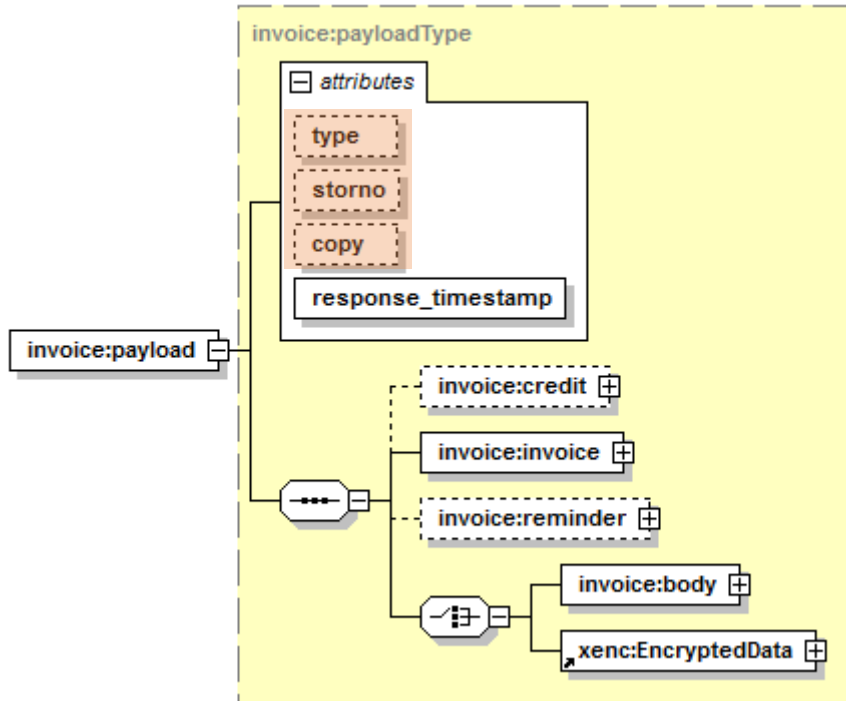


L'intermédiaire est facultatif

- La communication directe est ainsi rendue possible
- La communication indirecte reste possible

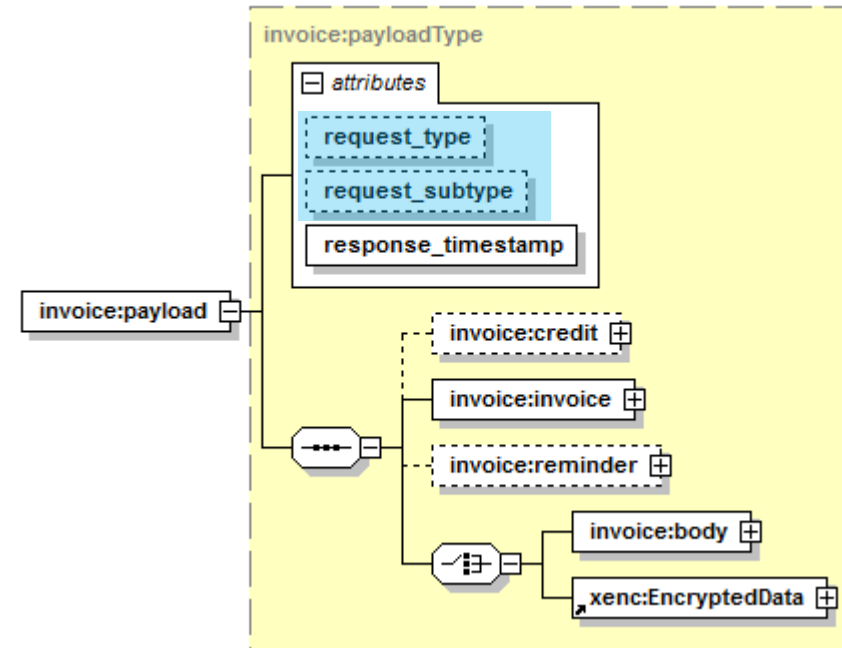
Adaptations payload

4.5



Paramètre Le contrôle uniquement avec type est limité

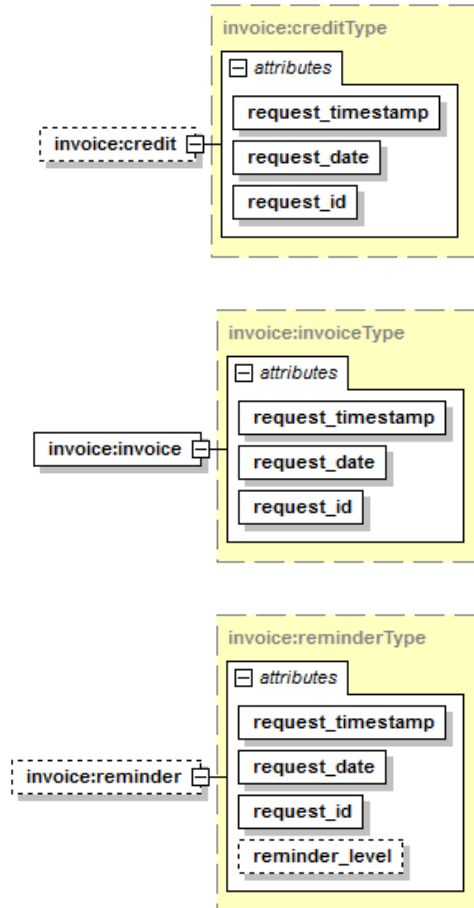
5.0 (1.C. & 2.C.)



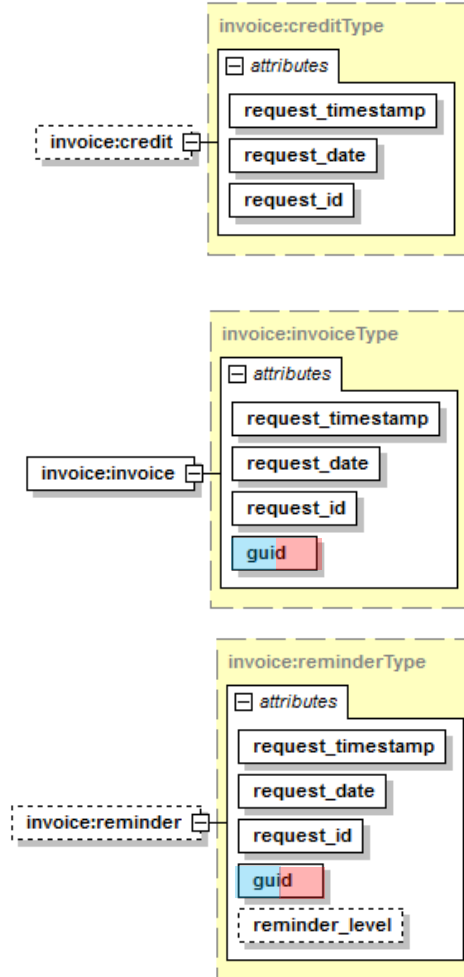
Contrôle des paramètres structuré comme type et sous-type
 → Permet une meilleure manipulation

Adaptations invoice /credit / reminder

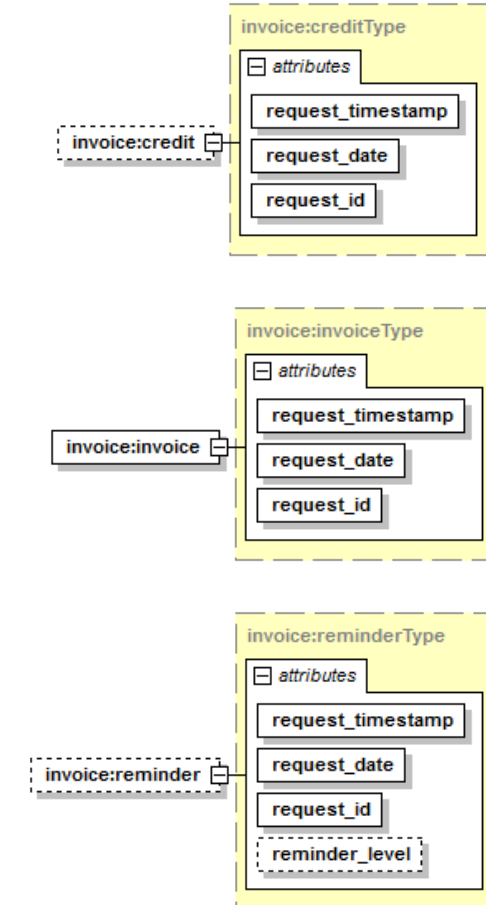
4.5



5.0 (1.C.)



5.0 (2.C.)



Éléments supprimés

Éléments à adapter

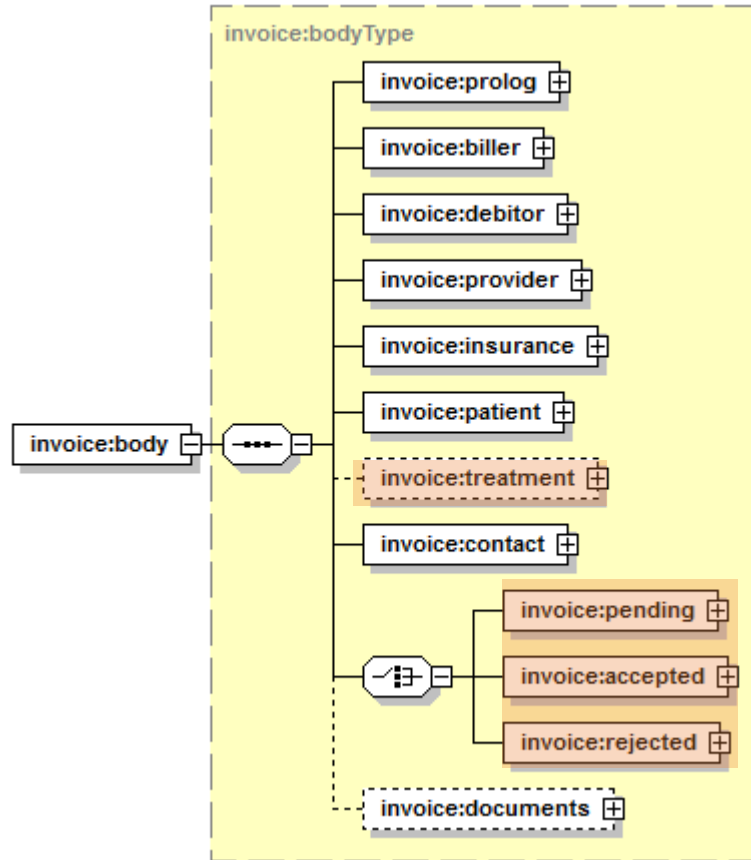
Éléments nouveau & adapté

guid pour invoice und reminder

guid au niveau Response / déplacé

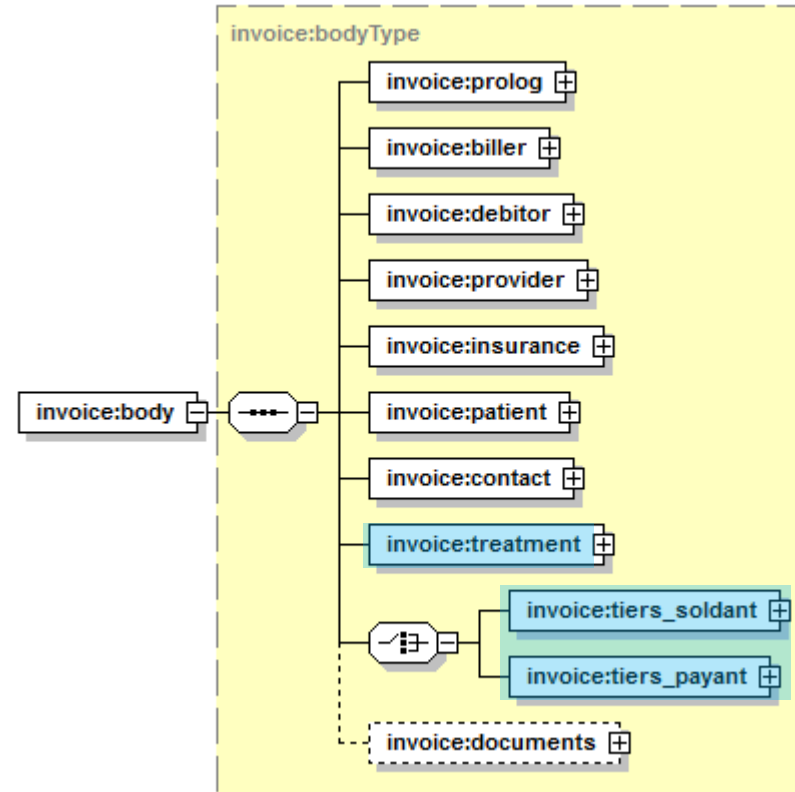
Adaptations body

4.5



Le manque de Tiers soldant exige une restructuration

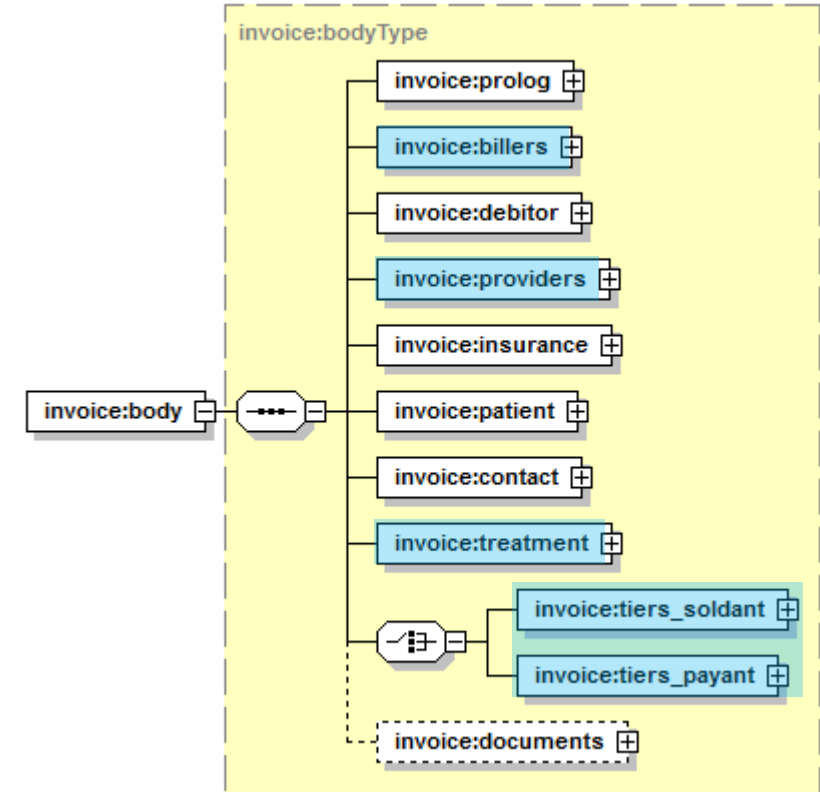
5.0 (1.C.)



Retour obligatoire des données de traitement

Intégration de la sélection tiers_soldant et tiers_payant

5.0 (2.C.)



Montage billers Structure à partir de request

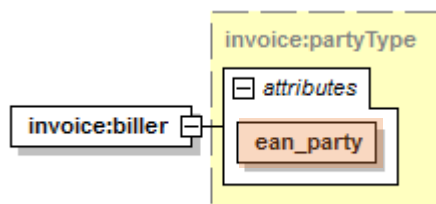
Montage providers Structure à partir de request

Retour obligatoire des données de traitement

Montage tiers_soldant et tiers_payant Sélection

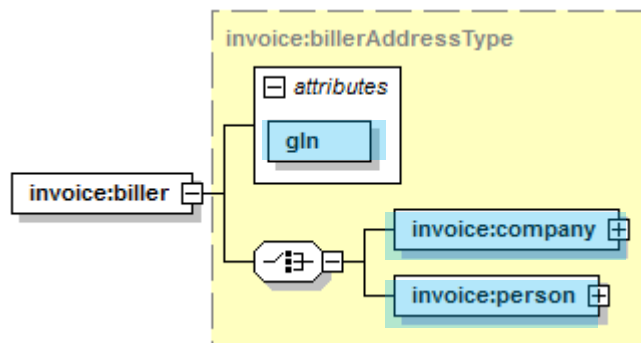
Adaptations biller

4.5



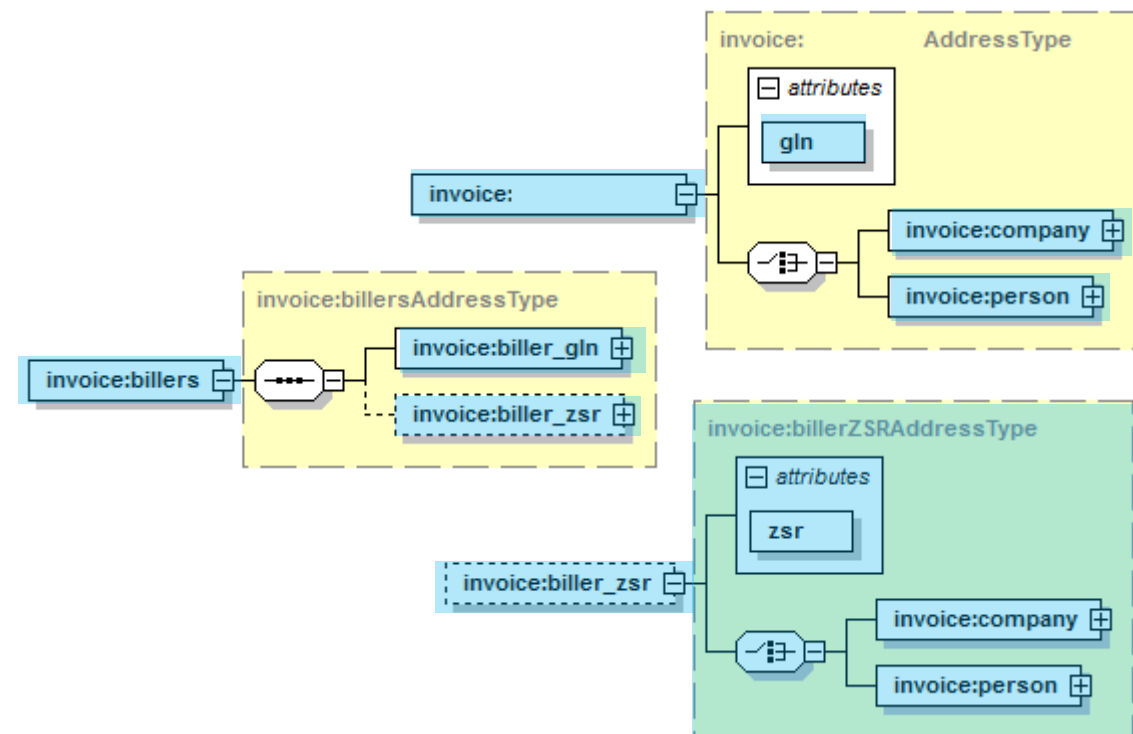
Renommer ean → gln

5.0 (1.C.)



Renommer comme gln
Einbau Adresse-Strukturen

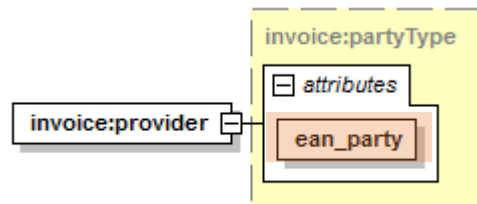
5.0 (2.C.)



Renommer comme gln
Montage de structures d'adresses
Découplage zsr / gln avec deux adresses
gln obligatoire → loi
Intégration zsr optionnel → contrat

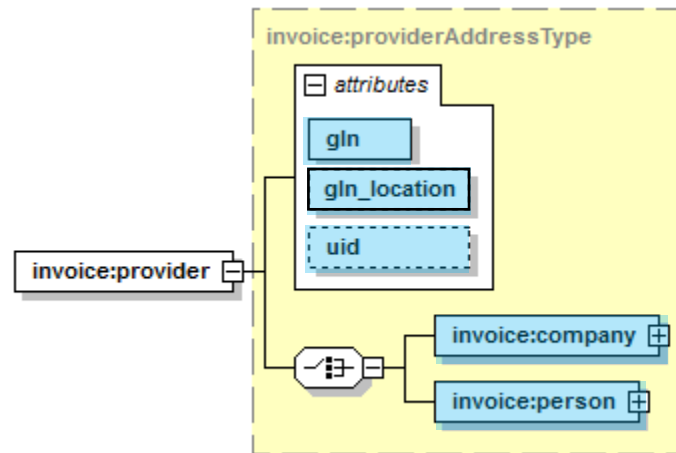
Adaptations provider

4.5



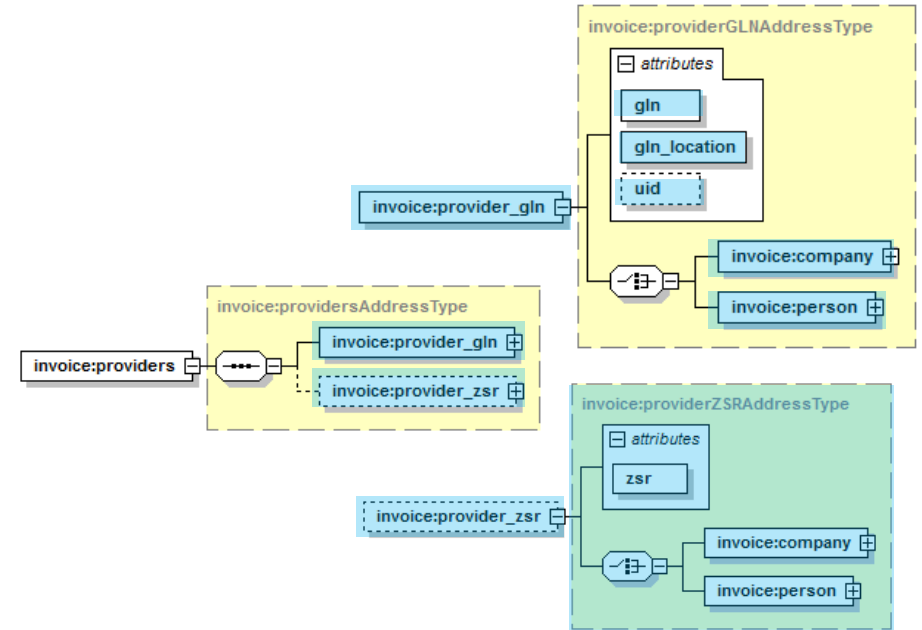
Renommer ean → gln

5.0 (1.C.)



Installation gln
Installation gln_location
Montage uid
Intégration de structures d'adresses

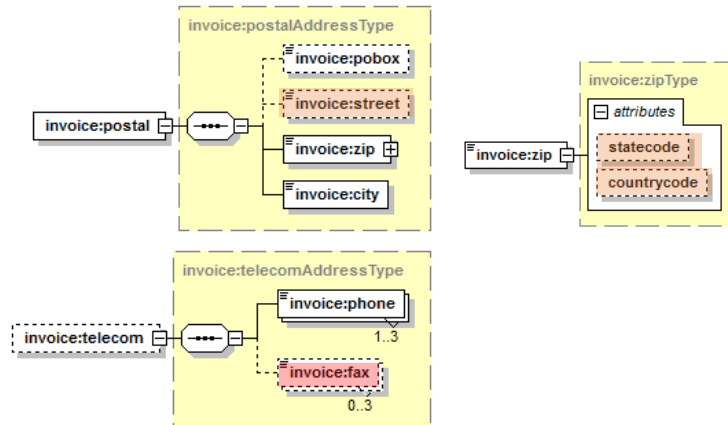
5.0 (2.C.)



Installation gln
Installation gln_location
Montage uid
Montage de structures d'adresses
Découplage zsr / gln avec deux adresses
gln obligatoire → loi
Intégration zsr optionnel → Contrat

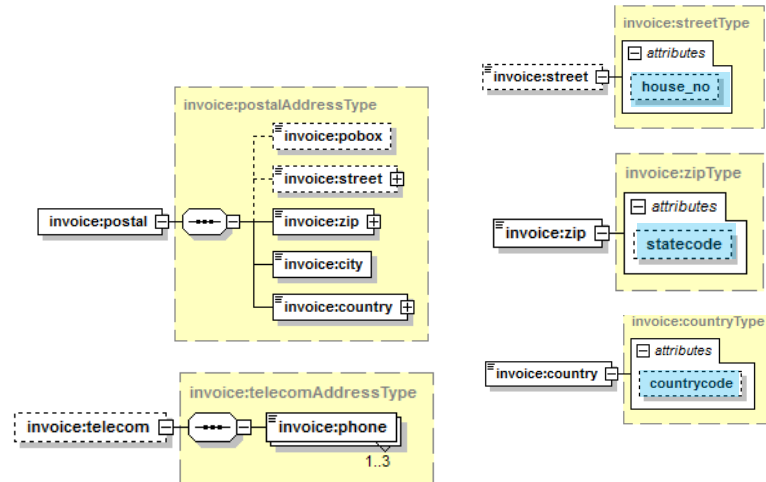
Adaptations Adresse (alle)

4.5



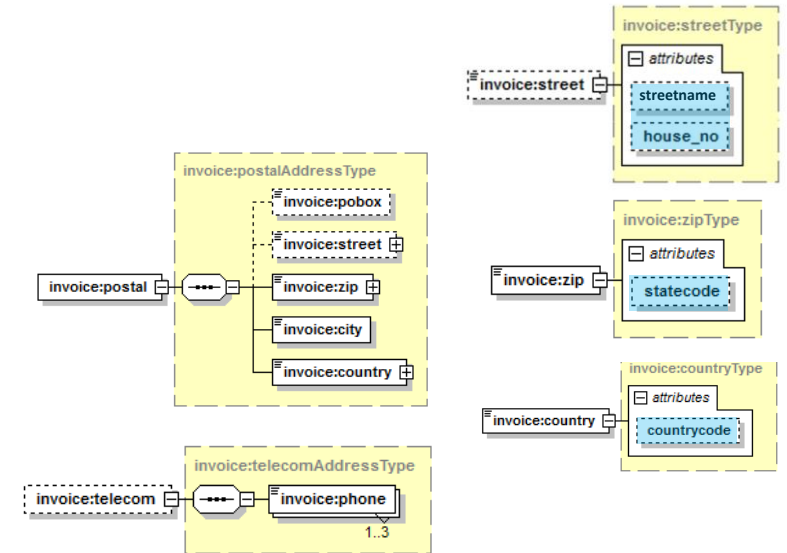
Un champ nom de rue et numéro de maison
 Numéro de fax de développement
 countrycode Partie de zip

5.0 (1.C.)



Transition en douceur Séparation du numéro de maison
 Découplage du statecode et du countrycode

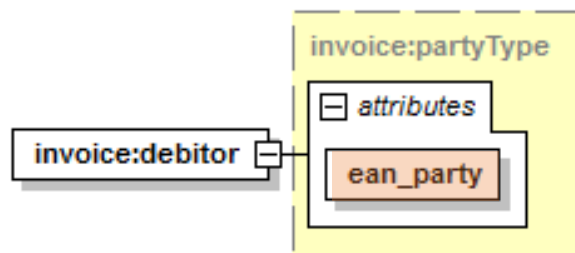
5.0 (2.C.)



Transition douce Séparation de Nom de la rue
 et numéro de la maison
 Découplage du statecode et du countrycode

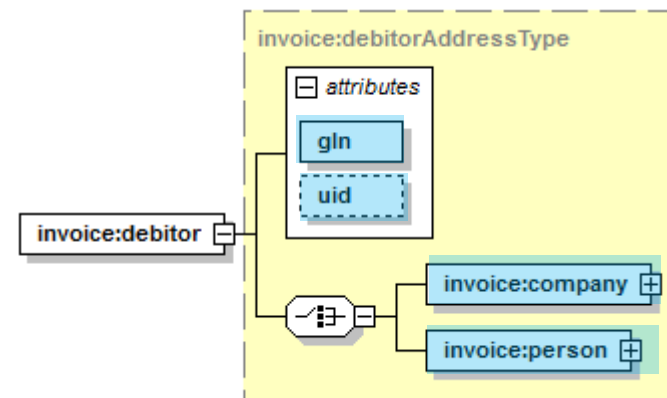
Adaptations debtor

4.5



Renommer ean → gln

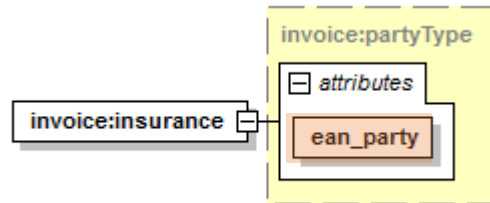
5.0 (1.C. & 2.C.)



Montage gln
 Montage uid optionnel
 Montage de structures d'adresses

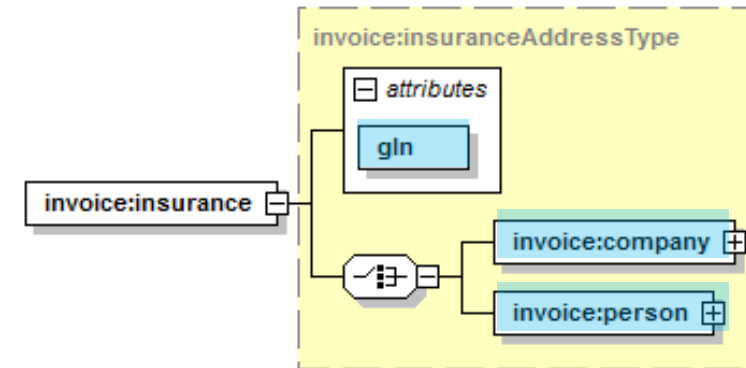
Adaptations insurance

4.5



Renommer ean → gln

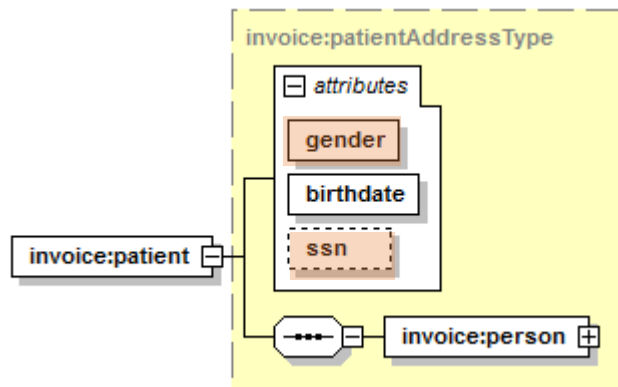
5.0 (1.C. & 2.C.)



Montage gln
 Montage de structures d'adresses

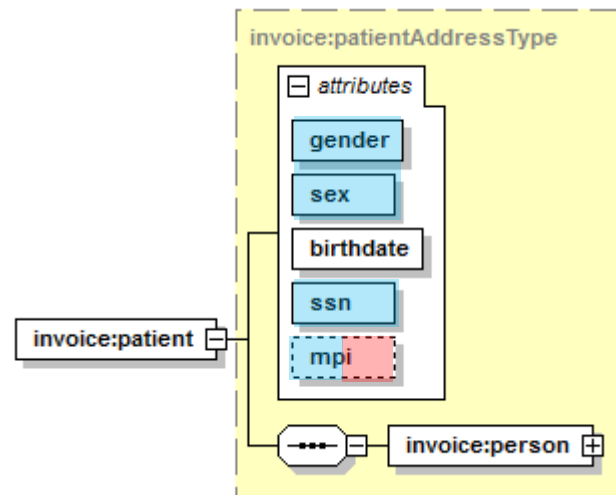
Adaptations patient

4.5



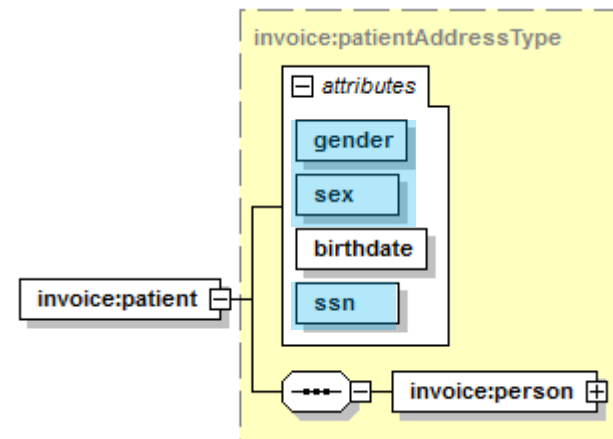
Pas de séparation entre
 → le sexe social « gender »
 → sexe biologique « sex »
 Transfert de card_id à law

5.0 (1.C.)



Extension du sexe social gender « m/f/d »
 Introduction du sexe biologique sex avec « f/m »
 Optionnel → ssn obligatoire (n° AVS)
 Intégration mpi MasterPatientIndex

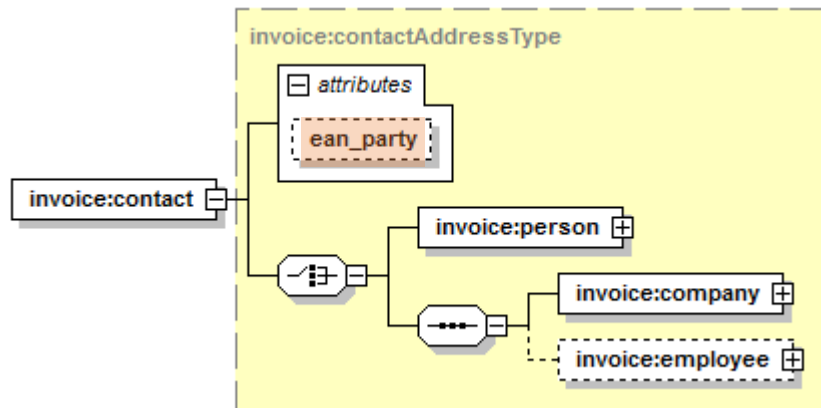
5.0 (2.C.)



Extension du sexe social gender « m/f/d »
 Introduction du sexe biologique sex avec « f/m »
 Optionnel → ssn obligatoire (n° AVS)
 Suppression mpi MasterPatientIndex

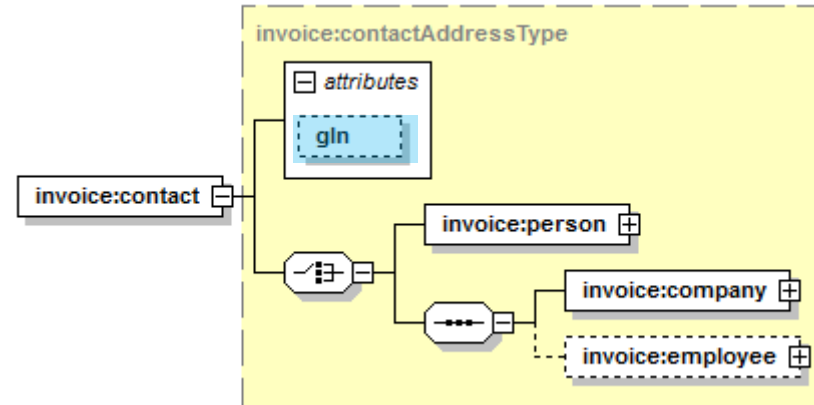
Adaptations contact

4.5



Renommer ean → gln

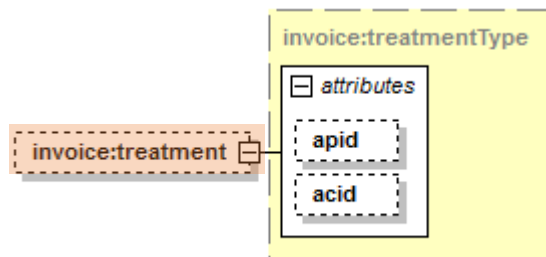
5.0 (1.C. & 2.C.)



Montage gln
 Montage de structures d'adresses

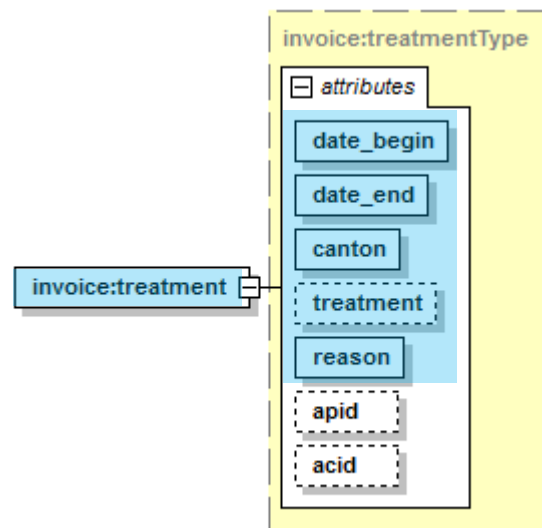
Adaptations treatment

4.5



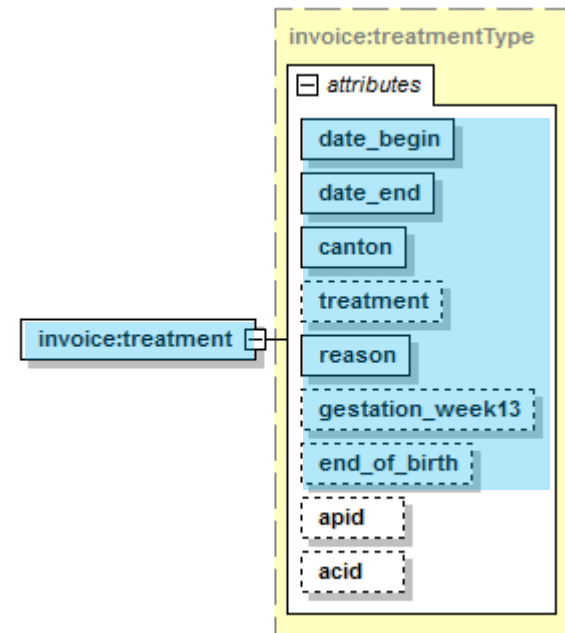
Traitement de retour optionnel

5.0 (1.C.)



Retour treatment obligatoire

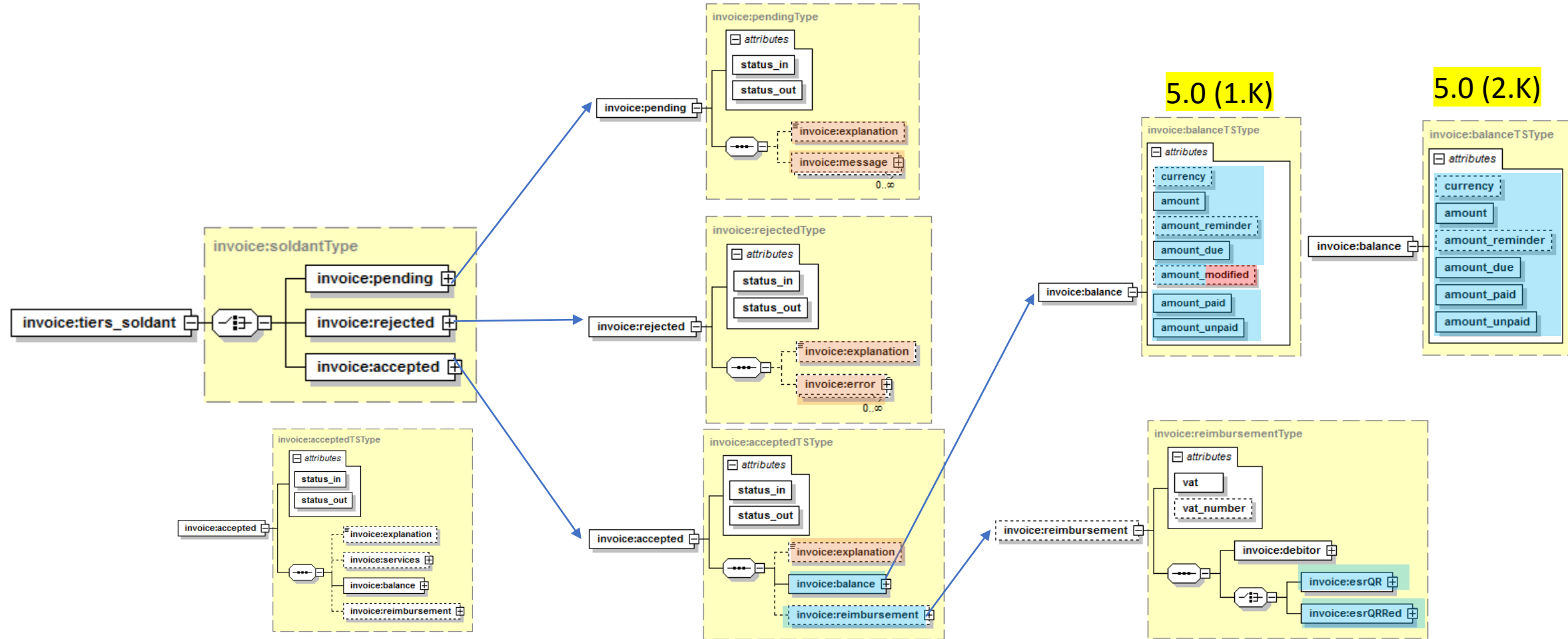
5.0 (2.C.)



Retour treatment obligatoire
 Éléments manquants de request complétés

Adaptations tiers_soldant

5.0 (1.C. & 2.C.)



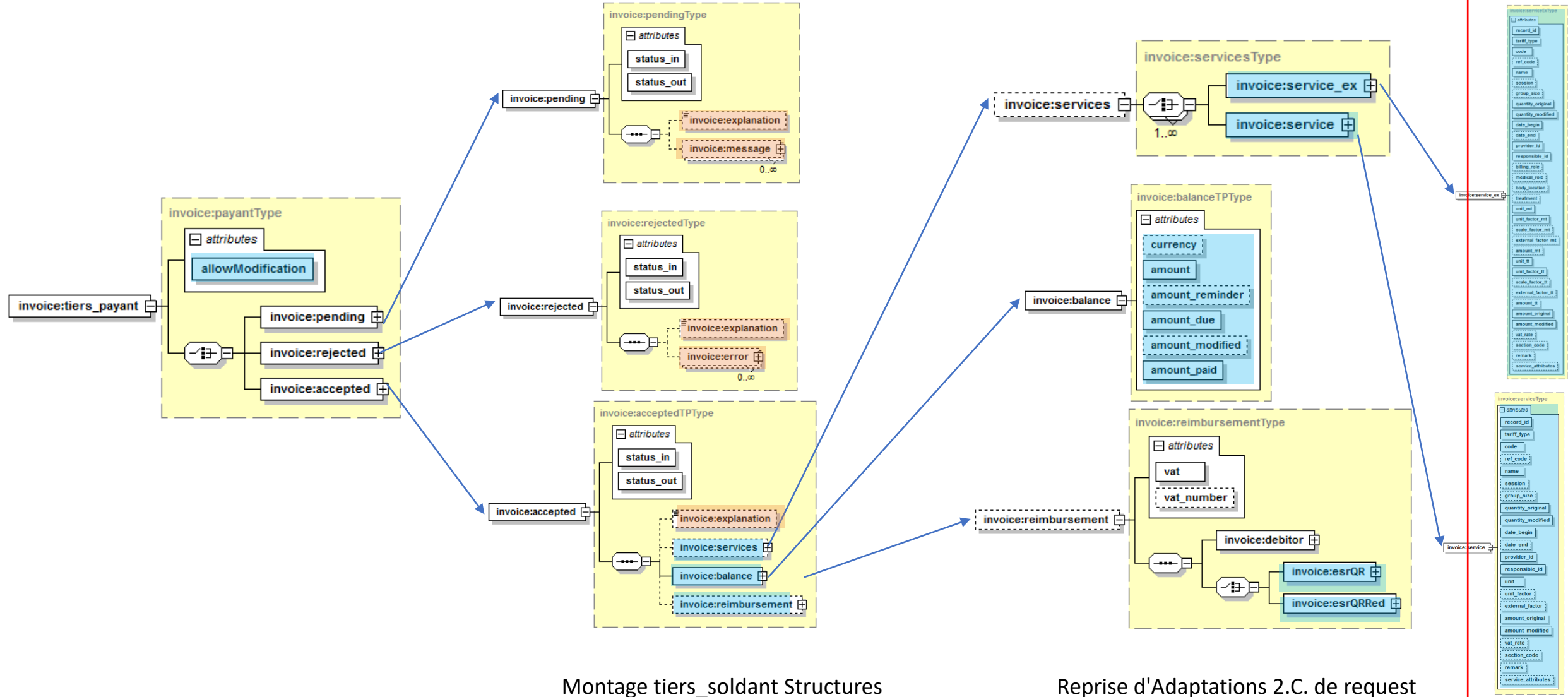
Montage tiers_soldant Structures

Suppression amount_modified
« Protection de la vie privée

Adaptations tiers_payant

5.0 (1.C. & 2.C.)

Analog
Request 2.K.



Éléments supprimés Éléments à adapter Éléments nouveau & adapté

Montage tiers_soldant Structures

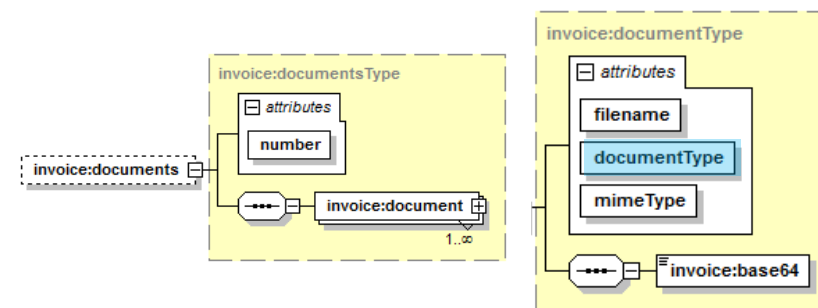
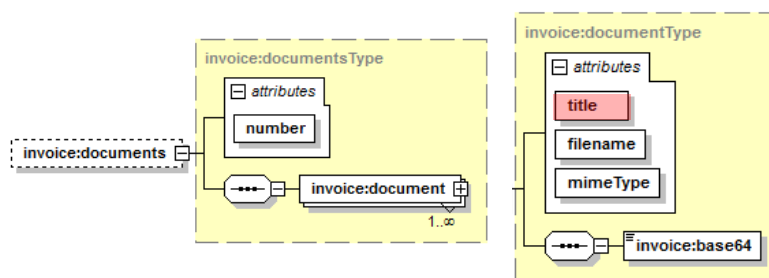
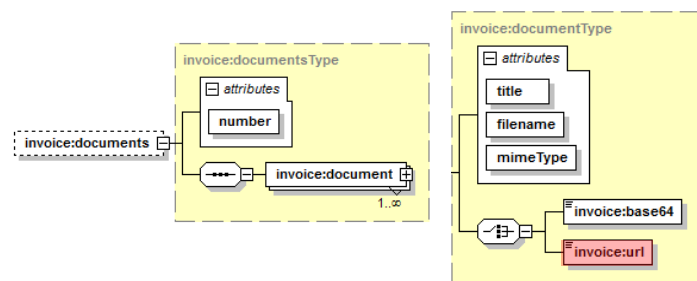
Reprise d'Adaptations 2.C. de request

Adaptations documents

4.5

5.0 (1.C.)

5.0 (2.C.)



Suppression url → Problème de confidentialité

Problem title → Non spécifique

Montage documentType avec plage de valeurs

Éléments supprimés

Éléments à adapter

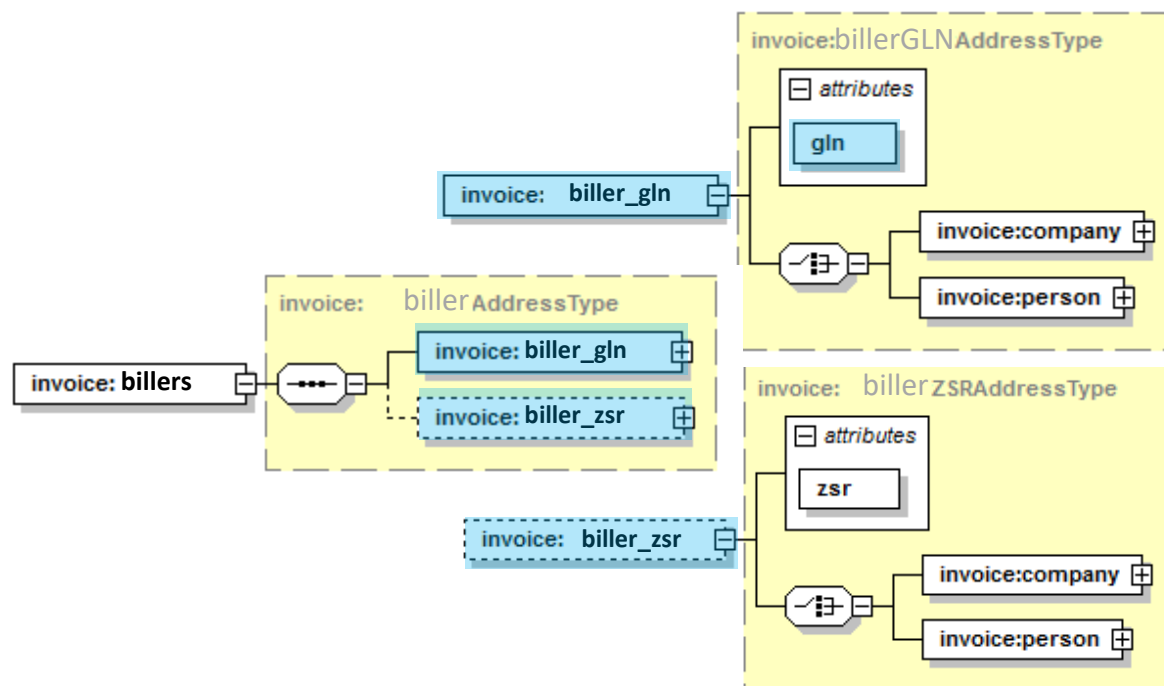
Éléments nouveau & adapté

Contenu de la présentation

- Adaptations du standard XML generalInvoice 4.5 → 5.0 (1.C.) → 5.0 (2.C.)
- Adaptations de la documentation dans le navigateur XML generalInvoice 5.0
- Adaptations des attributs de service

Adaptations Documentation

Précision de l'auteur de la facture «biller»



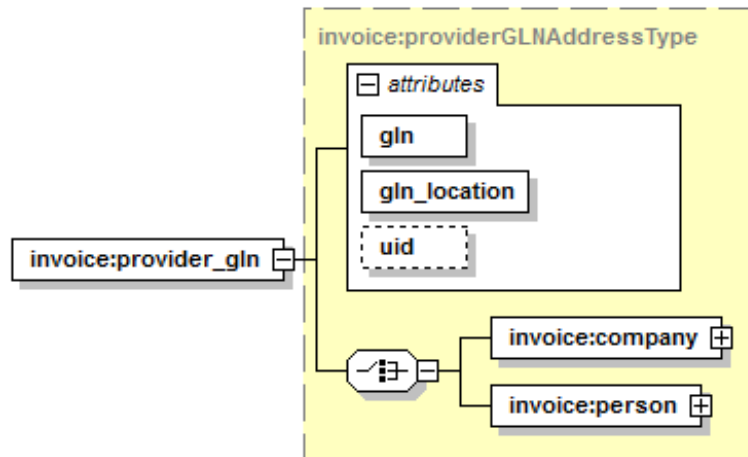
The **biller** address element defines the biller or creditor in an invoice/reminder process.

The provider can take on this role itself or outsource it to an organisation it trusts.

The zsr for the biller is optionally defined. However, the delivery of the zsr can be contractually agreed. If the biller and provider have a different zsr, this must be supplied in the case of a contract if the payment address is stored in the zsr register.

Adaptations Documentation

Précision légale lors de la gln provider



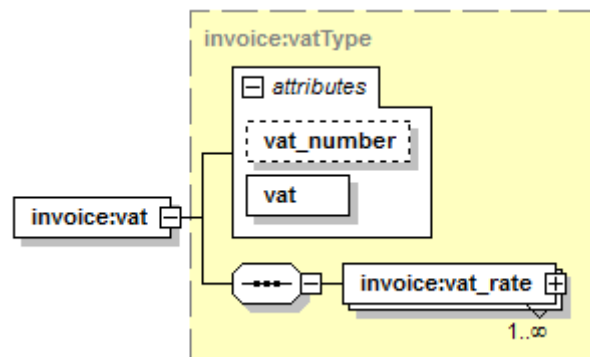
The gln is the provider's required GLN as defined by RefData

If in agreement with the health insurance, the GLN given can be a Swiss SSN (social security number), provided that the treatment is carried out by the patient himself or a relative of the patient.

The service provider must have an uid. If no VAT has to be paid, social security contributions must at least be paid via the corresponding uid.

Adaptations Documentation

Mise à jour Documentation N° de TVA / vat_number



vat_number is the individual vat number of the **provider** as given by the "Swiss Federal Tax Administration". ~~Both forms the old 6-digit number as well as the new UID-dependent number is allowed. However,~~ The electronic layout of the number must be supplied as suggested by the federal administration. In the electronic layout all punctuation characters ('-' and '.') as well as the language dependent attribute in the new form ('MWST', 'IVA', 'TVA') are striped. ~~Consequently, the vat number must be expanded appropriately prior to be printed, e.g.~~

- ~~• Old vat number: electronic layout 799000 is printed as 799.000~~
- ~~• New vat number: electronic: CHE123456789 is printed as CHE-123.456.789 MWST (for german language!)~~

~~Of course, if the biller has not been assigned such a vat number leave the field empty.~~
 If the provider does not have to pay vat, leave the field empty.

Adaptations Documentation

Correction Documentation insured

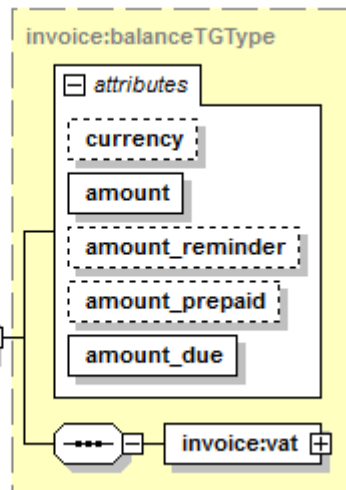
element **payantType/insured**

Annotation	<p>The optional insured address element defines an insured person who is charged instead of the patient. There are exactly 2 use cases for the utilization of the "insured" element:</p> <ul style="list-style-type: none">• Newborn use case If the following conditions hold true then a mother's address is supplied as insured element<ul style="list-style-type: none">○ the patient is the newborn○ it is an invoice of a stationary DRG case○ the DRG position defines a birth• Organ Donation If the following conditions hold true then an organ donation recipient's address is supplied as insured element<ul style="list-style-type: none">○ the patient is the organ donor○ it is an invoice of a stationary DRG case○ the position defines a transplantation or services related to a living donor transplantation <p>In all other circumstances the semantics of "insured" is unknown.</p>
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Adaptations Documentation

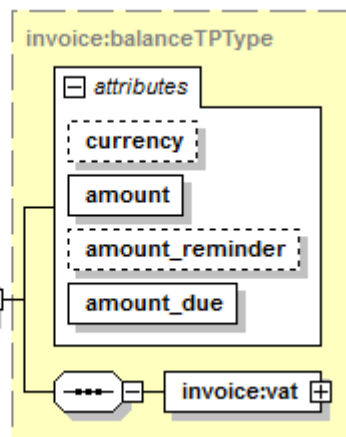
Correction Documentation balance TP & TS

TG



amount_due	amount_due is the amount due for the invoice/reminder (and coded into the ESR payment transaction) calculated as $\llbracket \text{amount} + \text{amount_reminder} - \text{amount_prepaid} \rrbracket$ where the used summands are 2-digit precision amounts and the result is finally rounded half up ("Kaufmännisches Runden")
------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

TP & TS

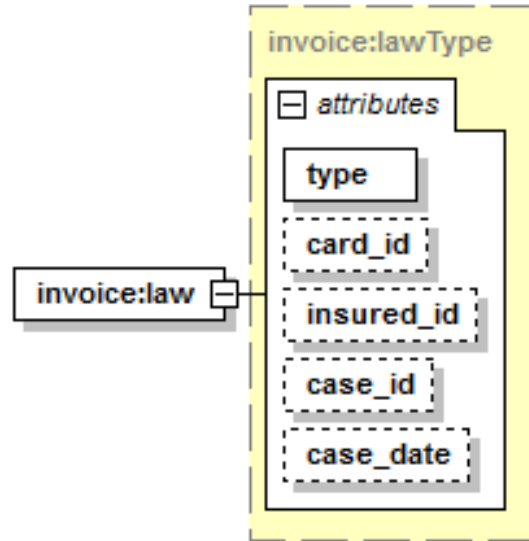


amount_due	amount_due is the amount due for the invoice/reminder (and coded into the ESR payment transaction) calculated as $\llbracket \text{amount} + \text{amount_reminder} - \text{amount_prepaid} \rrbracket$ where the used summands are 2-digit precision amounts and the result is finally rounded half up ("Kaufmännisches Runden")
------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

amount_prepaid gibt es nicht und ist in der Doku zu löschen.

Adaptations Documentation

Correction Documentation insured_id



insured_id

the optional **insured_id** is the ~~old proprietary~~ KVG customer number also known as insured number.

~~Note that the insured_id should only be filled if no card_id is defined. In fact the usage of the insured_id is deprecated since it is an outdated identification.~~

Rules for the rounding procedure

The Forum Datenaustausch defines a couple of axiomatic rounding **rules** that apply to amounts.

These rounding rules are:

- the amount of a service is calculated by the formula

`«amount = external_factor * quantity * TP * TPV * scale_factor»`

in **full precision** and the result is **rounded to 2 significant decimal places**.

- for ~~Tarmed services~~ this is done for the **medical and technical part independently** and the amount is formed as

`amount = amount_mt + amount_tt`

`service_ex (TARMED / TARDOC)`

The **service_ex** element defines an extended service structure where some data exists in a dual form basically to describe 2 parts namely a medical and technical situation. **The TARMED or TARDOC tariff are examples of such an extended tariff structure.**

Adaptations Documentation

Précisions sur les champs de données service **_ex** Record → request & response

tariff_type is the official 3-character designator of the used tariff as given by the [Forum Datenaustausch](#). Currently, tariff type "001" for **TARMED** and tariff type "007" for **TARDOC** are the only used tariff of that type.

ref_code is a back-reference code ("parent code") to a previously given service. Of course, ref_code is empty if the current service does not need such a back-reference.

If a mandatory reference is defined in the tariff, this must be entered.

session is the session number of the service. The session concept divide each day into a number of individual accomplished treatment units, starting each day with 1 and incrementing by 1 for each new treatment unit.

Some tariffs do not include a session concept, others like **TARMED/TARDOC** heavily relay on this paradigm. For tariffs without a session concept simply input '1' as session number for all services.

tt-Éléments:

Pour des raisons de rétrocompatibilité, l'abréviation « **TT** » (points tarifaires techniques) est laissée en l'état. Sur le formulaire de facturation, l'abréviation « **IPL** » (infrastructure et prestations du personnel) peut être utilisée. □

L'emplacement sur le formulaire doit être vérifié !

Adaptations Documentation

Précisions sur les champs de données service Record → request & response

unit_factor is the tax point value (TPV) or **base rate** of the applied service
unit_factor is defined as double and **must not be rounded** but given in full precision.

ref_code is a back-reference code ("parent code") to a previously given service.
Of course, ref_code is empty if the current service does not need such a back-reference.
If a mandatory reference is defined in the tariff, this must be entered.

unit is the tax point (TP) respectively **cost weight** or the price of the applied service
unit is defined as double and **must not be rounded** but given in full precision.
Negative values in unit are permitted if required by the tariff.

unit_factor is the tax point value (TPV) or **base rate** of the applied service
unit_factor is defined as double and **must not be rounded** but given in full precision.

name is the official service name as given by the used tariff catalog. If the tariff text represents a group,
the individual product can be specified as the name.

amount is the charged amount of the applied service
Note, that amount must fulfill the equation:

$$\llcorner \text{external_factor} * \text{quantity} * \text{unit (TP)} * \text{unit_factor (TPV)} \gg$$

for non-DRG services, whereas for DRG (SwissDRG / TARPSY / ST Reha) services the following equation holds true:

$$\llcorner \text{cost_fraction} * \text{external_factor} * \text{quantity} * \text{unit (TP)} * \text{unit_factor (TPV)} \gg$$

Both equations are calculated in full precision and the result rounded to 2 significant decimal places. This procedure is the reason for storing the multipliers in full precision.

Adaptations Documentation

Précisions sur champ de données hospitalisation_mode

Annotation Attribut genauer beschreiben, was heisst indiziert und nicht indiziert.

→ keine Möglichkeit im Wohnkanton / Wahlbehandlung

führt immer wieder zu Diskussionen mit den Leistungserbringern

hospitalization_mode is the mode of hospitalization encoded by a terminal set of tokens

- **cantonal**: the mode of hospitalization is **cantonal** - patient's domicile is in the treatment canton
- **noncantonal_indicated**: the mode of hospitalization is **noncantonal_indicated**
 - patient's domicile is not in the treatment canton, but treatment is indicated
 - treatment indicated may be justified if there is no treatment option in the canton of residence and it is a non-elective treatment
- **noncantonal_nonindicated**: the mode of hospitalization is **noncantonal_nonindicated**
 - patient's domicile is not in the treatment canton and treatment is not indicated

Adaptations Documentation

Correction law «card_id»

law

card_id	<p>card_id is the patient's identification number at the insurance (the policy number). It should be noted that the existence, form and specifications of card_id is dependent on the law:</p> <ul style="list-style-type: none"> • KVG: defines the required 20-digits official identification number of the patient at the insurance. If the insurance card ID is unknown or unavailable (it might be a resident of a foreign country) than the old proprietary KVG customer number of the insurance might be supplied instead. • VVG: defines the optional VVG identification number of the patient. • UVG: defines the optional SSN ("social security number") as the UVG's identification number of the patient. • IVG: defines the required SSN ("social security number") as the IVG's identification number of the patient. If no SSN is supplied, a rejection must be expected. • MVG: defines the required SSN ("social security number") as the MVG's identification number of the patient. If no SSN is supplied, a rejection must be expected. • ORG: defines the optional SSN ("social security number") as the ORG's identification number of the patient.
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insured

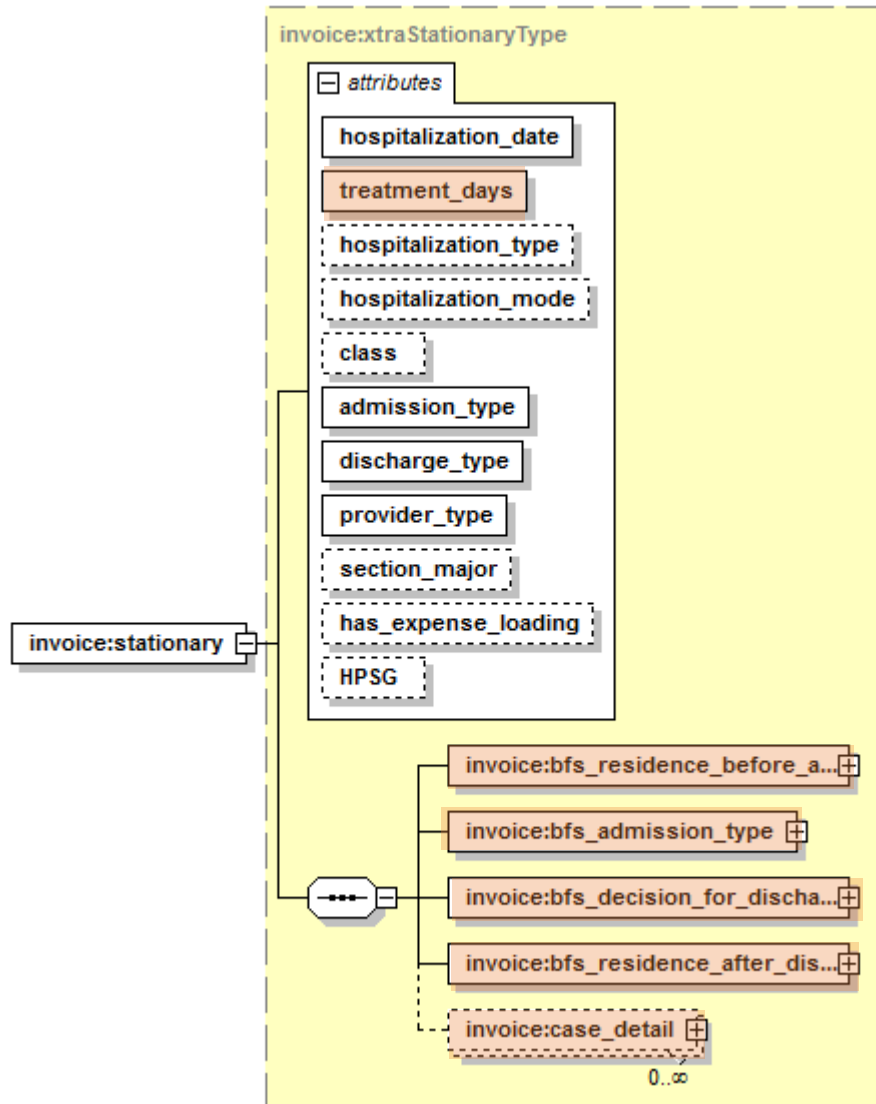
card_id	the card_id defines the optional 20-digits official card identification of the insured at the insurance. If the card_id is unknown or unavailable (it might be a resident of a foreign country) than supply the proprietary insured id identifying the insured at that insurance.
---------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Identischer
Text für law &
insured

the card_id defines the optional 20-digits official card identification of the insured at the insurance. If the card_id is unknown or unavailable (it might be a resident of a foreign country) than supply the proprietary insured id identifying the insured at that insurance.

Adaptations Documentation

Documentation générale dans le navigateur XML → Documents externalisés



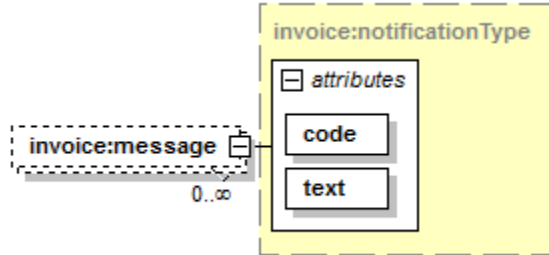
Pour les champs marqués en orange, la documentation dans le navigateur XML n'est pas suffisante. Le contenu de ces champs est susceptible d'être modifié, déterminé par des tiers et en partie très volumineux.

C'est pourquoi le navigateur XML ne contient qu'une information générale et renvoie à une documentation complète, également disponible sur le site web du Forum Datenaustausch.

Adaptations Documentation

Précisions response Champs message / code

Response: **soldantType/pending**



The **message** element defines either a reason why the request is in the pending state or an instruction how to proceed for leaving this state. E.g. the insurance is awaiting further documents ~~like the "Minimal clinical dataset"~~ (mcdRequest).

There is an unbounded number of such messages possible all given in the language defined by the response@language attribute.

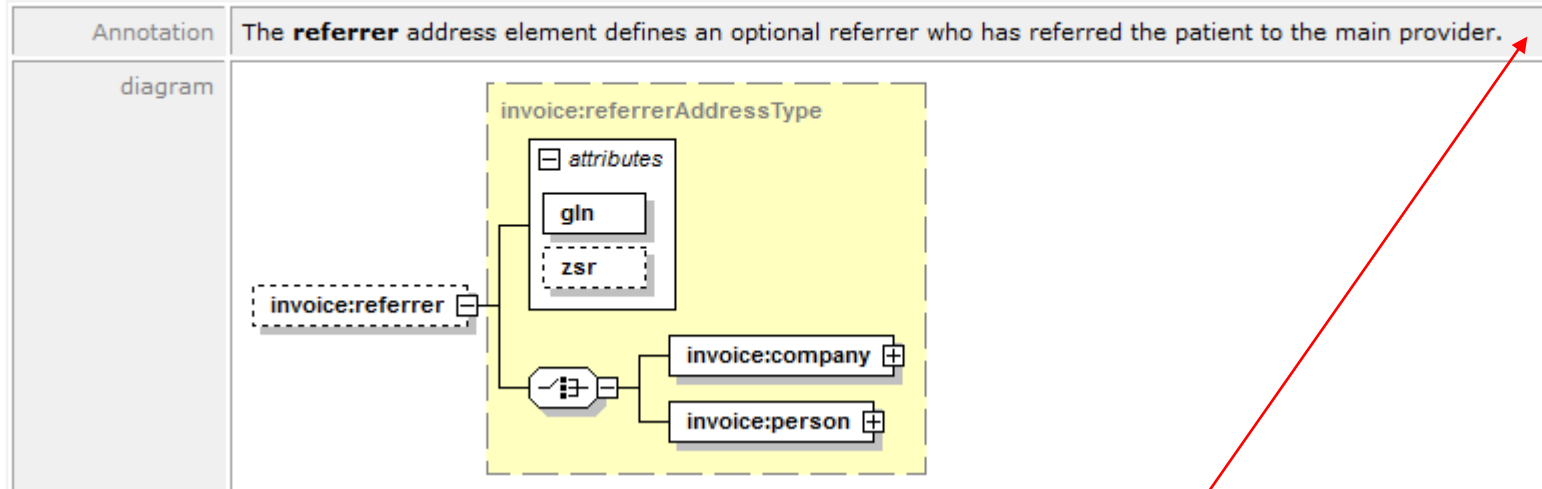
Response: **soldantType/pending or rejected**
 payantType/pending or rejected

code is a code of the notification. These codes are insurance specific **or the codes recommended by the Forum Datenaustausch.**

Adaptations Documentation

Précisions referrer → nouveau partner-Type

element **payantType/referrer**



Il fait toujours l'objet de discussions et doit donc être élargi.

L'indication est de nature légale ou contractuelle.

The information block is of a legal or contractual nature.

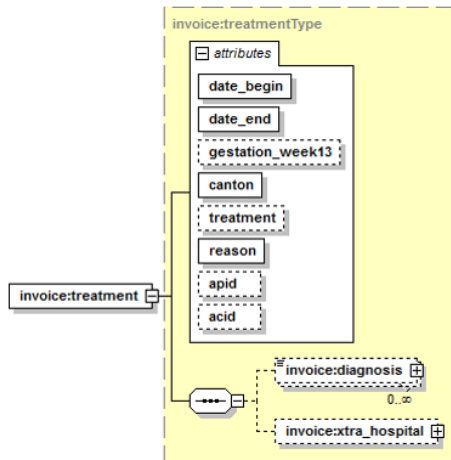
Les précisions légales ou contractuelles seront intégrées dans le type de partenaire.

Adaptations Documentation

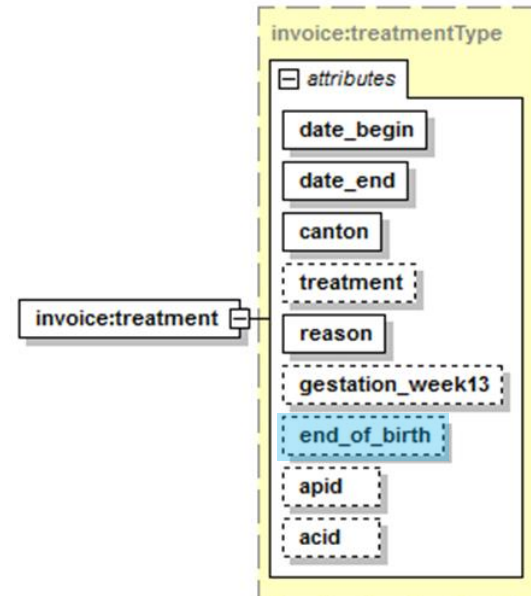
Changement de nom birthdate_baby → end_of_birth

Anpassungen treatment

4.5



5.0 (1.K. & 2.K.)



Einbau fehlendes Datum Ende der Geburt

The `end_of_birth` is defined when the placenta has been completely expelled from the body.

Please note that `treatment@reason=maternity` is required as well to signal an ongoing maternity case up until 8 weeks after the end of birth.

This `end_of_birth` is used by the insurance to verify the legality of specific services during the post pregnancy period.

Adaptations Documentation

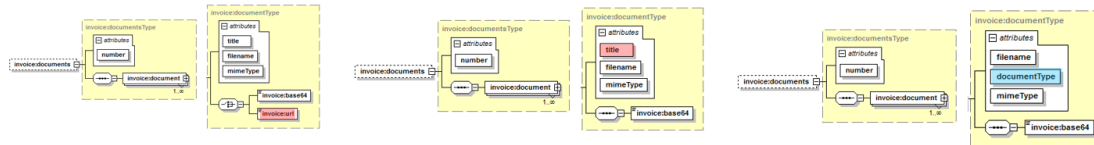
Extension → documentType

Anpassungen documents

4.5

5.0 (1.K.)

5.0 (2.K.)



documentType describes the document in terms of its semantic content encoded by a terminal set of tokens

- **Report**: the semantic content is of type **Report**
- **Image**: the semantic content is of type **Image**
- **Unemployability**: the semantic content is of type **Unemployability**
- **Questionnaire**: the semantic content is of type **Questionnaire**
- **Notification**: the semantic content is of type **Notification**
- **Planning**: the semantic content is of type **Planning**
- **Prescription**: the semantic content is of type **Prescription**
- **UndefinedDoc**: the semantic content is unknown or undefined and thus the type is **UndefinedDoc**

Ausbau url → Datenschutzproblem

Problem title → Unspezifisch

Einbau dokumentType mit Wertebereich

Gelöschte Elemente Anzunpassende Elemente Neue & angepasste Elemente

35

Type de document manquant : cession de salaire

→ Salary cession

S'il n'existe qu'une seule couverture d'assurance TS,
le document cession de salaire est obsolète.

Adaptations Documentation

Liste structurée dans le schéma XML → admission_type

element	code	name(DE)
admission_type	0	normal
	1	verlegt (Aufenthalt>24h im verlegenden Spital)
	2	verlegt (Aufenthalt<24h im verlegenden Spital)
	3	unbekannt
discharge_type	0	normal
	1	verlegt (in ein anderes Spital)
	2	verstorben
	3	gegen ärztlichen Rat beendet
	4	unbekannt
provider_type	0	Akutspital
	1	Geburtshaus
	2	Psychiatrische Klinik
	3	Rehabilitationsklinik



Liste générique définie dans le navigateur XML

admission_type avec une structure de token définie:

- **home:** the patient's admission location is his home
- **home_with_spitex_care:** the patient's admission location is his home having a spitex care as support
- **hospital:** the patient's admission location is a hospital (stay > 24h in the transferring hospital)
- **hospital:** the patient's admission location is a hospital (stay < 24h in the transferring hospital)
- **nursing_home:** the patient's admission location is a nursing home
- **retirement_home:** the patient's admission location is a retirement home
- **psychiatric_clinic:** the patient's admission location is a psychiatric clinic
- **rehabilitation_clinic:** the patient's admission location is a rehabilitation clinic
- **birth_house:** the patient's admission location is a birth house
- **correctional_facility:** the patient's admission location is a correctional facility
- **other:** the patient's admission location is not mentioned above
- **unknown:** the patient's admission location is unknown

Adaptations Documentation

Liste structurée dans le schéma XML → discharge_type

element	code	name(DE)
admission_type	0	normal
	1	verlegt (Aufenthalt>24h im verlegenden Spital)
	2	verlegt (Aufenthalt<24h im verlegenden Spital)
	3	unbekannt
discharge_type	0	normal
	1	verlegt (in ein anderes Spital)
	2	verstorben
	3	gegen ärztlichen Rat beendet
	4	unbekannt
provider_type	0	Akutspital
	1	Geburtshaus
	2	Psychiatrische Klinik
	3	Rehabilitationsklinik



Liste générique définie dans le navigateur XML

discharge_type avec une structure de token définie:

- **home:** the patient's discharge location is his home
- **home_with_spitex_care:** the patient's discharge location is his home having a spitex care as support
- **hospital:** the patient's discharge location is a hospital
- **nursing_home:** the patient's discharge location is a nursing home
- **retirement_home:** the patient's discharge location is a retirement home
- **psychiatric_clinic:** the patient's discharge location is a psychiatric clinic
- **rehabilitation_clinic:** the patient's discharge location is a rehabilitation clinic
- **birth_house:** the patient's discharge location is a birth house
- **correctional_facility:** the patient's discharge location is a correctional facility
- **death:** the patient died during his stay
- **terminated:** the patient was discharged against medical advice
- **other:** the patient's discharge location is not mentioned above
- **unknown:** the patient's discharge location is unknown

Adaptations Documentation

Liste structurée dans le schéma XML → provider_type

element	code	name(DE)
admission_type	0	normal
	1	verlegt (Aufenthalt>24h im verlegenden Spital)
	2	verlegt (Aufenthalt<24h im verlegenden Spital)
	3	unbekannt
discharge_type	0	normal
	1	verlegt (in ein anderes Spital)
	2	verstorben
	3	gegen ärztlichen Rat beendet
	4	unbekannt
provider_type	0	Akutspital
	1	Geburtshaus
	2	Psychiatrische Klinik
	3	Rehabilitationsklinik



Liste générique définie dans le navigateur XML

provider_type avec une structure de token définie:

- **hospital**
- **birth_house**
- **psychiatric_clinic**
- **rehabilitation_clinic**
- **other_clinic**

Contenu de la présentation

- Adaptations du standard XML generalInvoice 4.5 → 5.0 (1.C.) → 5.0 (2.C.)
- Adaptations de la documentation dans le navigateur XML generalInvoice 5.0
- Adaptations des attributs de service

Adaptations des attributs de service

Pas de prestation obligatoire

Defined service attributes

The definition of each service record includes an attribute "service_attributes". Each bit of that 32-bit value has a special meaning which is defined below.
The bit positions can be ANDed together to form the overall refinement/enhancement of a given service.

Defined bit positions as of **May 2023**

Bit	Meaning
Bit 1 (0x000001)	Code207: no drug substitution due to medical reasons. Applies to drug services only! If this bit ("Code207") is set, the service provider declares that the drug prescribed must not be substituted due to medical reasons.
Bit 2 (0x000002)	franchiseFree: Franchise exemption of given service If this bit ("franchiseFree") is set, the service provider declares that the service was provided as franchise free.
Bit 3 (0x000004)	drugOffLabelUse: off label use of a drug in accordance with Art. 71a-c KVV If this bit ("drugOffLabelUse") is set, the service provider declares that the off-label prescription of the drug has been approved by the healthcare insurance by means of a prior accepted credit request.

Avec la suppression de la colonne P, il manque un service_attribut

→ Pas de service obligatoire

Chiffre du tarif / Chiffre de référence:

Colonne élargie: Espace pour deux GTIN

Colonne P: Indications médicales supprimées

Total : dont PFL supprimé

Version 4.5

Datum	Tarif	Tariffziffer	Bezugsziffer	SI	St	Anzahl	TP AL/Preis	fAL	TPW AL	TP TL	1TL	TPW TL	A V PM	Betrag
26.02.2018	001	00.2520	1	1.00	1.00	110.00	0.93	0.91	0.00	1.00	0.91	12.10	93.09	
Notfall-Inkonvenienzzuschlag B, Mo-So 19-22, Sa 12-19, So 7-19														
26.02.2018	001	00.0010	1	1.00	1.00	10.42	0.93	0.91	8.19	1.00	0.91	12.10	16.27	
Konsultation, erste 5 Min. (Grundkonsultation)														
26.02.2018	001	00.2530	00.0010	1	1.00	9.09	0.25	0.91	8.19	0.00	0.91	12.10	2.20	
(-) %-Zuschlag für Notfall B, Mo-So 19-22, Sa 12-19, So 7-19														



Code	Satz	Betrag	MWSt	MWSt-Nr.: CHE-108.791.452 MWST	Gesamtbetrag: 111.56
0	0.00	111.56	0.00	Währung: CHF	davon PFL: 111.56
IBAN: CH09 3076 9016 1105 9126 1					Fälliger Betrag: 111.56
Referenz-Nr.: 00 00000 00000 00000 01236					

Bit 4 Prestation de soins sans prescription médicale → au 1.7.2024

Bit 5 Introduire avec le contexte « Pas de prestation obligatoire » → Proposition de texte et de code en suspens → En suspens !



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