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Künstliche neuronale Netze

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Main Page

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Chapter 2

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Chapter 3

Namespace Index

3.1 Namespace List

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Hierarchical Index

4.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Class Index

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File Index

6.1 File List

Here is a list of all files with brief descriptions:

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C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/ AlInvoiceFacade.java	33
C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/ AmountFactory.java	34
C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/ HeaderFactory.java	34
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Chapter 7

Namespace Documentation

7.1 Package Import

Classes

- class [zugferdHandler](#)

7.2 Package Invoice

Classes

- class [AgreementFactory](#)
- class [AInvoiceFacade](#)
- class [AmountFactory](#)
- class [HeaderFactory](#)
- class [InvoiceFacade](#)
- class [InvoiceFactory](#)
- class [ItemFactory](#)
- class [MonetarySummationFactory](#)
- class [PaymentMeansFactory](#)
- class [SettlementFactory](#)
- class [TradeFactory](#)
- class [TradePartyFactory](#)

7.3 Package Main

Classes

- class [Run](#)

7.4 Package ReducedInvoice

Classes

- class [AInvoice](#)
- class [Metadata](#)
- class [Position](#)
- class [Price](#)
- class [RInvoice](#)

Chapter 8

Class Documentation

8.1 Invoice.AgreementFactory Class Reference

Protected Member Functions

- Agreement [createAgreement](#) (TradeParty sellerTradeParty, TradeParty buyerTradeParty)

Static Protected Member Functions

- static [AgreementFactory getInstance](#) ()

8.1.1 Member Function Documentation

8.1.1.1 Agreement Invoice.AgreementFactory.createAgreement (TradeParty *sellerTradeParty*, TradeParty *buyerTradeParty*) [inline], [protected]

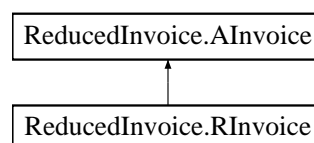
8.1.1.2 static AgreementFactory Invoice.AgreementFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[AgreementFactory.java](#)

8.2 ReducedInvoice.AInvoice Class Reference

Inheritance diagram for ReducedInvoice.AInvoice:



Public Member Functions

- String [getBuyerName](#) ()
- void [setBuyerName](#) (String [buyerName](#))
- String [getSellerName](#) ()
- void [setSellerName](#) (String [sellerName](#))
- abstract void [addPosition](#) ([Position](#) p)
- abstract void [addPosition](#) (String desc, [Price](#) p, int amount, int tax)
- abstract [Position](#) [getPosition](#) (int index)
- abstract List< [Position](#) > [getPositions](#) ()
- abstract void [setPosition](#) ([Position](#) position, int index)
- abstract void [setPositionDescription](#) (String description, int index)
- abstract void [setPositionPrice](#) ([Price](#) price, int index)
- abstract void [setPositionAmount](#) (int amount, int index)
- abstract void [setPositionTaxRate](#) (int taxrate, int index)
- abstract int [getPositionsLength](#) ()

Protected Attributes

- String [buyerName](#)
- String [sellerName](#)
- [Price](#) [TotalPrice](#)
- List< [Position](#) > [Positions](#)
- [Metadata](#) [MetaData](#)

8.2.1 Member Function Documentation

- 8.2.1.1 `abstract void ReducedInvoice.AlInvoice.addPosition (Position p)` [abstract]
- 8.2.1.2 `abstract void ReducedInvoice.AlInvoice.addPosition (String desc, Price p, int amount, int tax)` [abstract]
- 8.2.1.3 `String ReducedInvoice.AlInvoice.getBuyerName ()` [inline]
- 8.2.1.4 `abstract Position ReducedInvoice.AlInvoice.getPosition (int index)` [abstract]
- 8.2.1.5 `abstract List<Position> ReducedInvoice.AlInvoice.getPositions ()` [abstract]
- 8.2.1.6 `abstract int ReducedInvoice.AlInvoice.getPositionsLength ()` [abstract]
- 8.2.1.7 `String ReducedInvoice.AlInvoice.getSellerName ()` [inline]
- 8.2.1.8 `void ReducedInvoice.AlInvoice.setBuyerName (String buyerName)` [inline]
- 8.2.1.9 `abstract void ReducedInvoice.AlInvoice.setPosition (Position position, int index)` [abstract]
- 8.2.1.10 `abstract void ReducedInvoice.AlInvoice.setPositionAmount (int amount, int index)` [abstract]
- 8.2.1.11 `abstract void ReducedInvoice.AlInvoice.setPositionDescription (String description, int index)` [abstract]
- 8.2.1.12 `abstract void ReducedInvoice.AlInvoice.setPositionPrice (Price price, int index)` [abstract]
- 8.2.1.13 `abstract void ReducedInvoice.AlInvoice.setPositionTaxRate (int taxrate, int index)` [abstract]
- 8.2.1.14 `void ReducedInvoice.AlInvoice.setSellerName (String sellerName)` [inline]

8.2.2 Member Data Documentation

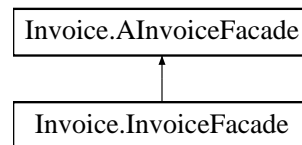
- 8.2.2.1 `String ReducedInvoice.AlInvoice.buyerName` [protected]
- 8.2.2.2 `Metadata ReducedInvoice.AlInvoice.MetaData` [protected]
- 8.2.2.3 `List<Position> ReducedInvoice.AlInvoice.Positions` [protected]
- 8.2.2.4 `String ReducedInvoice.AlInvoice.sellerName` [protected]
- 8.2.2.5 `Price ReducedInvoice.AlInvoice.TotalPrice` [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/[AlInvoice.java](#)

8.3 Invoice.AInvoiceFacade Class Reference

Inheritance diagram for Invoice.AInvoiceFacade:



Public Member Functions

- abstract Invoice [createInvoice](#) (ConformanceLevel conformanceLevel, Header header, Trade trade)
- abstract Header [createHeader](#) (String invoiceNumber, DocumentCode documentCode, ZfDate zfDate, String invoiceName)
- abstract Trade [createTrade](#) (Agreement agreement, ZfDate delivery, Settlement settlement, Item item)
- abstract Agreement [createAgreement](#) (TradeParty sellerTradeParty, TradeParty buyerTradeParty)
- abstract TradeParty [createTradeParty](#) (String tradeName, String tradeZIP, String tradeStreet, String tradeCity, CountryCode tradeCountryCode, String tradeTaxRegistraionCode, Reference tradeReference)
- abstract Settlement [createSettlement](#) (String paymentReference, CurrencyCode currency, PaymentMeans paymentmeans, MonetarySummation monetarysummation)
- abstract PaymentMeans [createPaymentMeans](#) (String FinancialAccount, String FinancialInstitution)
- abstract MonetarySummation [createMonetarySummation](#) (Amount lineTotal, Amount chargeTotal, Amount allowanceTotal, Amount taxBasisTotal, Amount taxTotal, Amount grandTotal)
- abstract Amount [createAmount](#) (BigDecimal totalamount, CurrencyCode currency)
- abstract Item [createItem](#) (String productname, Integer amountofproduct, UnitOfMeasurement unit)

8.3.1 Detailed Description

Author

Patrick Nestmeyer

The [Invoice](#) Facade manages access to all factory classes hidden in the [Invoice](#) package. It allows to create Instances of the following classes

- Agreement
- Amount
- Header
- [Invoice](#)
- Item
- MonetarySummation
- PaymentMeans
- Settlement
- Trade
- TradeParty

The Comments below in the Abstract Class describe the single Methods. They also explain the nested structure of [Invoice](#) its children Header and Trade and their children.

8.3.2 Member Function Documentation

8.3.2.1 **abstract Agreement Invoice.AInvoiceFacade.createAgreement (TradeParty *sellerTradeParty*, TradeParty *buyerTradeParty*) [abstract]**

createAgreement: Creates an Agreement from two trading parties

Parameters

<i>sellerTradeParty</i>	Seller trading party
<i>buyerTradeParty</i>	Buyer trading party

Returns

Returns an Object of type Agreement representing an agreement between two trade parties

8.3.2.2 **abstract Amount Invoice.AInvoiceFacade.createAmount (BigDecimal *totalamount*, CurrencyCode *currency*) [abstract]**

createAmount: Creates an Amount from its Decimal Value and its Currency Code

Parameters

<i>totalamount</i>	the total amount
<i>currency</i>	the currency code

Returns

Returns an Object of type Amount representing an total amount in a currency

8.3.2.3 **abstract Header Invoice.AInvoiceFacade.createHeader (String *invoiceNumber*, DocumentCode *documentCode*, ZfDate *zfDate*, String *invoiceName*) [abstract]**

createHeader: Creates a Header object. Header object is neccassary for creating an [Invoice](#).

Parameters

<i>invoiceNumber</i>	Number of the Invoice
<i>documentCode</i>	Document Code
<i>zfDate</i>	Timestamp as ZfDate
<i>invoiceName</i>	Name of the Invoice

Returns

Returns an Object of type Header from ZUGFERD specificatio

8.3.2.4 **abstract Invoice Invoice.InvoiceFacade.createInvoice (ConformanceLevel *conformanceLevel*, Header *header*, Trade *trade*) [abstract]**

createInvoice

Parameters

<i>conformanceLevel</i>	The conformance level for the new invoice
<i>header</i>	the header of the new Invoice
<i>trade</i>	the trade of the new Invoice

Returns

returns an Object of type complete [Invoice](#) from ZUGFERD specification

8.3.2.5 **abstract Item Invoice.InvoiceFacade.createItem (String *productname*, Integer *amountofproduct*, UnitOfMeasurement *unit*) [abstract]**

createItem: Creates an Item from name, amount and unit

Parameters

<i>productname</i>	Name of the Product
<i>amountofproduct</i>	Amount of the Product
<i>unit</i>	Unit of the Product (pcs.)

Returns

Returns an Object of type Item representing a position in the invoice

8.3.2.6 **abstract MonetarySummation Invoice.InvoiceFacade.createMonetarySummation (Amount *lineTotal*, Amount *chargeTotal*, Amount *allowanceTotal*, Amount *taxBasisTotal*, Amount *taxTotal*, Amount *grandTotal*) [abstract]**

createMonetarySummation: Creates a Monetary Summation in a specific currency from different summation informations

Parameters

<i>lineTotal</i>	The total summation of the lines as Amount
<i>chargeTotal</i>	The total summation of the charges as Amount
<i>allowanceTotal</i>	The total summation of the allowance as Amount
<i>taxBasisTotal</i>	The total summation of the tax basis as Amount
<i>taxTotal</i>	The total summation of the tax total as Amount
<i>grandTotal</i>	The total grand summation as Amount

Returns

Returns an Object of type *MonetarySummation* representing the different total amounts.

8.3.2.7 abstract PaymentMeans Invoice.*AlInvoiceFacade.createPaymentMeans* (String *FinancialAccount*, String *FinancialInstitution*) [abstract]

createPaymentMeans: Creates a Meaning of the payment informations financial account and institution

Parameters

<i>FinancialAccount</i>	The financial account
<i>FinancialInstitution</i>	the financial institution

Returns

Returns an Object of type *PaymentMeans* representing the aspects of financial representation

8.3.2.8 abstract Settlement Invoice.*AlInvoiceFacade.createSettlement* (String *paymentReference*, CurrencyCode *currency*, PaymentMeans *paymentmeans*, MonetarySummation *monetarysummation*) [abstract]

createSettlement: Creates a settlement from different informations

Parameters

<i>paymentReference</i>	Payment Reference
<i>currency</i>	Code of the currency
<i>paymentmeans</i>	Meaning of payment
<i>monetarysummation</i>	Monetary Summation

Returns**8.3.2.9 abstract Trade Invoice.*AlInvoiceFacade.createTrade* (Agreement *agreement*, ZfDate *delivery*, Settlement *settlement*, Item *item*) [abstract]**

createTrade: Creates a Trade object. Trade object is neccassary for creating an [Invoice](#).

Parameters

<i>agreement</i>	Agreement
<i>delivery</i>	Delivery as ZfDate

Returns

Returns an Object of type Trade from ZUGFERD as Object

8.3.2.10 **abstract** TradeParty Invoice.AInvoiceFacade.createTradeParty (String *tradeName*, String *tradeZIP*, String *tradeStreet*, String *tradeCity*, CountryCode *tradeCountryCode*, String *tradeTaxRegistraionCode*, Reference *tradeReference*) [abstract]

createTradeParty: Creates a trade party from different informations

Parameters

<i>tradeName</i>	Name of the party
<i>tradeZIP</i>	ZIP of the party
<i>tradeStreet</i>	Street of the party as part of the address
<i>tradeCity</i>	City of the party as part of the address
<i>tradeCountryCode</i>	City of the party as part of the address
<i>tradeTaxRegistraionCode</i>	Tax registration code as part of the tax registration
<i>tradeReference</i>	Reference as part of the tax registration

Returns

Returns a Object of type TradeParty representing a trade party

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[AInvoiceFacade.java](#)

8.4 Invoice.AmountFactory Class Reference

Protected Member Functions

- Amount [createAmount](#) (BigDecimal totalamount, CurrencyCode currency)

Static Protected Member Functions

- static [AmountFactory getInstance](#) ()

8.4.1 Member Function Documentation

8.4.1.1 Amount Invoice.AmountFactory.createAmount (BigDecimal *totalamount*, CurrencyCode *currency*) [inline], [protected]

8.4.1.2 static AmountFactory Invoice.AmountFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[AmountFactory.java](#)

8.5 Invoice.HeaderFactory Class Reference

Protected Member Functions

- Header [createHeader](#) (String invoiceNumber, DocumentCode documentCode, ZfDate zfDate, String invoiceName)

Static Protected Member Functions

- static [HeaderFactory getInstance](#) ()

8.5.1 Member Function Documentation

8.5.1.1 Header [Invoice.HeaderFactory.createHeader](#) (String *invoiceNumber*, DocumentCode *documentCode*, ZfDate *zfDate*, String *invoiceName*) [inline], [protected]

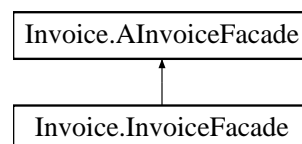
8.5.1.2 static HeaderFactory [Invoice.HeaderFactory.getInstance](#) () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[HeaderFactory.java](#)

8.6 Invoice.InvoiceFacade Class Reference

Inheritance diagram for Invoice.InvoiceFacade:



Public Member Functions

- Invoice [createInvoice](#) (ConformanceLevel conformanceLevel, Header header, Trade trade)
- Header [createHeader](#) (String invoiceNumber, DocumentCode documentCode, ZfDate zfDate, String invoiceName)
- Trade [createTrade](#) (Agreement agreement, ZfDate delivery, Settlement settlement, Item item)
- Agreement [createAgreement](#) (TradeParty sellerTradeParty, TradeParty buyerTradeParty)
- TradeParty [createTradeParty](#) (String tradeName, String tradeZIP, String tradeStreet, String tradeCity, CountryCode tradeCountryCode, String tradeTaxRegistraionCode, Reference tradeReference)
- Settlement [createSettlement](#) (String paymentReference, CurrencyCode currency, PaymentMeans payment-means, MonetarySummation monetarysummation)
- PaymentMeans [createPaymentMeans](#) (String FinancialAccount, String FinancialInstitution)
- MonetarySummation [createMonetarySummation](#) (Amount lineTotal, Amount chargeTotal, Amount allowanceTotal, Amount taxBasisTotal, Amount taxTotal, Amount grandTotal)
- Amount [createAmount](#) (BigDecimal totalamount, CurrencyCode currency)
- Item [createItem](#) (String productname, Integer amountofproduct, UnitOfMeasurement unit)

Static Public Member Functions

- static [InvoiceFacade](#) [getInstance](#) ()

8.6.1 Member Function Documentation

- 8.6.1.1 Agreement [InvoiceFacade.createAgreement](#) ([TradeParty](#) *sellerTradeParty*, [TradeParty](#) *buyerTradeParty*) [inline]
- 8.6.1.2 Amount [InvoiceFacade.createAmount](#) ([BigDecimal](#) *totalamount*, [CurrencyCode](#) *currency*) [inline]
- 8.6.1.3 Header [InvoiceFacade.createHeader](#) ([String](#) *invoiceNumber*, [DocumentCode](#) *documentCode*, [ZfDate](#) *zfDate*, [String](#) *invoiceName*) [inline]
- 8.6.1.4 Invoice [InvoiceFacade.createInvoice](#) ([ConformanceLevel](#) *conformanceLevel*, [Header](#) *header*, [Trade](#) *trade*) [inline]
- 8.6.1.5 Item [InvoiceFacade.createItem](#) ([String](#) *productname*, [Integer](#) *amountofproduct*, [UnitOfMeasurement](#) *unit*) [inline]
- 8.6.1.6 MonetarySummation [InvoiceFacade.createMonetarySummation](#) ([Amount](#) *lineTotal*, [Amount](#) *chargeTotal*, [Amount](#) *allowanceTotal*, [Amount](#) *taxBasisTotal*, [Amount](#) *taxTotal*, [Amount](#) *grandTotal*) [inline]
- 8.6.1.7 PaymentMeans [InvoiceFacade.createPaymentMeans](#) ([String](#) *FinancialAccount*, [String](#) *FinancialInstitution*) [inline]
- 8.6.1.8 Settlement [InvoiceFacade.createSettlement](#) ([String](#) *paymentReference*, [CurrencyCode](#) *currency*, [PaymentMeans](#) *paymentmeans*, [MonetarySummation](#) *monetarysummation*) [inline]
- 8.6.1.9 Trade [InvoiceFacade.createTrade](#) ([Agreement](#) *agreement*, [ZfDate](#) *delivery*, [Settlement](#) *settlement*, [Item](#) *item*) [inline]
- 8.6.1.10 TradeParty [InvoiceFacade.createTradeParty](#) ([String](#) *tradeName*, [String](#) *tradeZIP*, [String](#) *tradeStreet*, [String](#) *tradeCity*, [CountryCode](#) *tradeCountryCode*, [String](#) *tradeTaxRegistraionCode*, [Reference](#) *tradeReference*) [inline]
- 8.6.1.11 static [InvoiceFacade](#) [InvoiceFacade.getInstance](#) () [inline], [static]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[InvoiceFacade.java](#)

8.7 Invoice.InvoiceFactory Class Reference

Protected Member Functions

- Invoice [createInvoice](#) ([ConformanceLevel](#) *conformanceLevel*, [Header](#) *header*, [Trade](#) *trade*)

Static Protected Member Functions

- static [InvoiceFactory getInstance](#) ()

8.7.1 Member Function Documentation

8.7.1.1 Invoice Invoice.ItemFactory.createInvoice (ConformanceLevel *conformanceLevel*, Header *header*, Trade *trade*) [inline], [protected]

8.7.1.2 static InvoiceFactory Invoice.ItemFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[InvoiceFactory.java](#)

8.8 Invoice.ItemFactory Class Reference

Protected Member Functions

- Item [createItem](#) (String *productname*, Integer *amountofproduct*, UnitOfMeasurement *unit*)

Static Protected Member Functions

- static [ItemFactory getInstance](#) ()

8.8.1 Member Function Documentation

8.8.1.1 Item Invoice.ItemFactory.createItem (String *productname*, Integer *amountofproduct*, UnitOfMeasurement *unit*) [inline], [protected]

8.8.1.2 static ItemFactory Invoice.ItemFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[ItemFactory.java](#)

8.9 ReducedInvoice.Metadata Class Reference

Public Member Functions

- String [getBranchKey](#) ()
- void [setBranchKey](#) (String *branchKey*)

8.9.1 Member Function Documentation

8.9.1.1 `String ReducedInvoice.Metadata.getBranchKey () [inline]`

8.9.1.2 `void ReducedInvoice.Metadata.setBranchKey (String branchKey) [inline]`

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/[Metadata.java](#)

8.10 Invoice.MonetarySummationFactory Class Reference

Protected Member Functions

- MonetarySummation [createMonetarySummation](#) (Amount *lineTotal*, Amount *chargeTotal*, Amount *allowanceTotal*, Amount *taxBasisTotal*, Amount *taxTotal*, Amount *grandTotal*)

Static Protected Member Functions

- static [MonetarySummationFactory getInstance](#) ()

8.10.1 Member Function Documentation

8.10.1.1 `MonetarySummation Invoice.MonetarySummationFactory.createMonetarySummation (Amount lineTotal, Amount chargeTotal, Amount allowanceTotal, Amount taxBasisTotal, Amount taxTotal, Amount grandTotal) [inline], [protected]`

8.10.1.2 `static MonetarySummationFactory Invoice.MonetarySummationFactory.getInstance () [inline], [static], [protected]`

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[MonetarySummationFactory.java](#)

8.11 Invoice.PaymentMeansFactory Class Reference

Static Public Member Functions

- static [PaymentMeansFactory getInstance](#) ()

Protected Member Functions

- PaymentMeans [createPaymentMeans](#) (String *FinancialAccount*, String *FinancialInstitution*)

8.11.1 Member Function Documentation

8.11.1.1 **PaymentMeans** Invoice.PaymentMeansFactory.createPaymentMeans (String *FinancialAccount*, String *FinancialInstitution*) [inline], [protected]

8.11.1.2 **static PaymentMeansFactory** Invoice.PaymentMeansFactory.getInstance () [inline], [static]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[PaymentMeansFactory.java](#)

8.12 ReducedInvoice.Position Class Reference

Public Member Functions

- [Position](#) (String Description, [Price](#) PositionPrice, int Amount, int Taxrate)
- String [getDescription](#) ()
- void [setDescription](#) (String description)
- [Price](#) [getPositionPrice](#) ()
- void [setPositionPrice](#) ([Price](#) positionPrice)
- int [getAmount](#) ()
- void [setAmount](#) (int amount)
- int [getTaxrate](#) ()
- void [setTaxrate](#) (int taxrate)

8.12.1 Constructor & Destructor Documentation

8.12.1.1 **ReducedInvoice.Position.Position** (String *Description*, [Price](#) *PositionPrice*, int *Amount*, int *Taxrate*) [inline]

8.12.2 Member Function Documentation

8.12.2.1 **int** ReducedInvoice.Position.getAmount () [inline]

8.12.2.2 **String** ReducedInvoice.Position.getDescription () [inline]

8.12.2.3 **Price** ReducedInvoice.Position.getPositionPrice () [inline]

8.12.2.4 **int** ReducedInvoice.Position.getTaxrate () [inline]

8.12.2.5 **void** ReducedInvoice.Position.setAmount (int *amount*) [inline]

8.12.2.6 **void** ReducedInvoice.Position.setDescription (String *description*) [inline]

8.12.2.7 **void** ReducedInvoice.Position.setPositionPrice ([Price](#) *positionPrice*) [inline]

8.12.2.8 **void** ReducedInvoice.Position.setTaxrate (int *taxrate*) [inline]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/[Position.java](#)

8.13 ReducedInvoice.Price Class Reference

Public Member Functions

- BigDecimal [getBrutto](#) ()
- void [setBrutto](#) (BigDecimal brutto)
- BigDecimal [getNetto](#) ()
- void [setNetto](#) (BigDecimal netto)
- BigDecimal [getSteuer](#) ()
- void [setSteuer](#) (BigDecimal steuer)

8.13.1 Member Function Documentation

8.13.1.1 **BigDecimal** `ReducedInvoice.Price.getBrutto ()` [`inline`]

8.13.1.2 **BigDecimal** `ReducedInvoice.Price.getNetto ()` [`inline`]

8.13.1.3 **BigDecimal** `ReducedInvoice.Price.getSteuer ()` [`inline`]

8.13.1.4 **void** `ReducedInvoice.Price.setBrutto (BigDecimal brutto)` [`inline`]

8.13.1.5 **void** `ReducedInvoice.Price.setNetto (BigDecimal netto)` [`inline`]

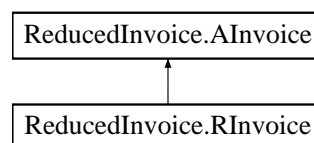
8.13.1.6 **void** `ReducedInvoice.Price.setSteuer (BigDecimal steuer)` [`inline`]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/[Price.java](#)

8.14 ReducedInvoice.RInvoice Class Reference

Inheritance diagram for ReducedInvoice.RInvoice:



Public Member Functions

- [RInvoice](#) ()
- void [addPosition](#) ([Position](#) p)
- void [addPosition](#) (String desc, [Price](#) p, int amount, int tax)
- [Position](#) [getPosition](#) (int index)
- List< [Position](#) > [getPositions](#) ()
- void [setPositionDescription](#) (String description, int index)
- void [setPositionPrice](#) ([Price](#) price, int index)
- void [setPositionAmount](#) (int amount, int index)
- void [setPositionTaxRate](#) (int taxrate, int index)
- int [getPositionsLength](#) ()
- void [setPosition](#) ([Position](#) position, int index)

Additional Inherited Members

8.14.1 Constructor & Destructor Documentation

8.14.1.1 `ReducedInvoice.RInvoice.RInvoice ()` [inline]

8.14.2 Member Function Documentation

8.14.2.1 `void ReducedInvoice.RInvoice.addPosition (Position p)` [inline]

Parameters

<i>p</i>	Einzel Position die hinzugefgt wird
----------	---

8.14.2.2 `void ReducedInvoice.RInvoice.addPosition (String desc, Price p, int amount, int tax)` [inline]

8.14.2.3 `Position ReducedInvoice.RInvoice.getPosition (int index)` [inline]

Parameters

<i>index</i>	Gibt Position zurück
--------------	--------------------------------------

8.14.2.4 `List<Position> ReducedInvoice.RInvoice.getPositions ()` [inline]

8.14.2.5 `int ReducedInvoice.RInvoice.getPositionsLength ()` [inline]

8.14.2.6 `void ReducedInvoice.RInvoice.setPosition (Position position, int index)` [inline]

8.14.2.7 `void ReducedInvoice.RInvoice.setPositionAmount (int amount, int index)` [inline]

8.14.2.8 `void ReducedInvoice.RInvoice.setPositionDescription (String description, int index)` [inline]

8.14.2.9 `void ReducedInvoice.RInvoice.setPositionPrice (Price price, int index)` [inline]

8.14.2.10 `void ReducedInvoice.RInvoice.setPositionTaxRate (int taxrate, int index)` [inline]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/[RInvoice.java](#)

8.15 Main.Run Class Reference

Static Public Member Functions

- static void [main](#) (String[] args) throws IOException

8.15.1 Member Function Documentation

8.15.1.1 static void Main.Run.main (String[] args) throws IOException [inline], [static]

Zugferd Daten werden verarbeitet

Parameters

<i>args</i>	
-------------	--

Exceptions

<i>IOException</i>	
--------------------	--

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Main/[Run.java](#)

8.16 Invoice.SettlementFactory Class Reference

Protected Member Functions

- Settlement [createSettlement](#) (String paymentReference, CurrencyCode currency, PaymentMeans paymentmeans, MonetarySummation monetarysummation)

Static Protected Member Functions

- static [SettlementFactory getInstance](#) ()

8.16.1 Member Function Documentation

8.16.1.1 Settlement Invoice.SettlementFactory.createSettlement (String paymentReference, CurrencyCode currency, PaymentMeans paymentmeans, MonetarySummation monetarysummation) [inline], [protected]

8.16.1.2 static SettlementFactory Invoice.SettlementFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[SettlementFactory.java](#)

8.17 Invoice.TradeFactory Class Reference

Protected Member Functions

- Trade [createTrade](#) (Agreement *agreement*, ZfDate *delivery*, Settlement *settlement*, Item *item*)

Static Protected Member Functions

- static [TradeFactory getInstance](#) ()

8.17.1 Member Function Documentation

8.17.1.1 Trade Invoice.TradeFactory.createTrade (Agreement *agreement*, ZfDate *delivery*, Settlement *settlement*, Item *item*) [inline], [protected]

8.17.1.2 static TradeFactory Invoice.TradeFactory.getInstance () [inline], [static], [protected]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[TradeFactory.java](#)

8.18 Invoice.TradePartyFactory Class Reference

Static Public Member Functions

- static [TradePartyFactory getInstance](#) ()

Protected Member Functions

- TradeParty [createTradeParty](#) (String *tradeName*, String *tradeZIP*, String *tradeStreet*, String *tradeCity*, CountryCode *tradeCountryCode*, String *tradeTaxRegistraionCode*, Reference *tradeReference*)

8.18.1 Member Function Documentation

8.18.1.1 TradeParty Invoice.TradePartyFactory.createTradeParty (String *tradeName*, String *tradeZIP*, String *tradeStreet*, String *tradeCity*, CountryCode *tradeCountryCode*, String *tradeTaxRegistraionCode*, Reference *tradeReference*) [inline], [protected]

8.18.1.2 static TradePartyFactory Invoice.TradePartyFactory.getInstance () [inline], [static]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/[TradePartyFactory.java](#)

8.19 Import.zugferdHandler Class Reference

Public Member Functions

- Invoice [readInvoice](#) (String Path) throws IOException
- void [readInvoice](#) (String Path, List< Invoice > InvoiceList, boolean setLogging, boolean supressInvalid) throws Exception
- void [removeInvalid](#) (List< Invoice > InvoiceList)
- boolean [hasInvalid](#) (List< Invoice > InvoiceList)
- Set< ConstraintViolation< Invoice > > [getViolations](#) (Invoice invoice)
- void [printViolations](#) (List< Invoice > InvoiceList)
- void [printSingleInvoiceViolations](#) (Invoice invoice)

Static Public Member Functions

- static [zugferdHandler getInstance](#) ()

8.19.1 Member Function Documentation

8.19.1.1 static zugferdHandler Import.zugferdHandler.getInstance () [inline], [static]

8.19.1.2 Set<ConstraintViolation<Invoice> > Import.zugferdHandler.getViolations (Invoice *invoice*) [inline]

8.19.1.3 boolean Import.zugferdHandler.hasInvalid (List< Invoice > *InvoiceList*) [inline]

8.19.1.4 void Import.zugferdHandler.printSingleInvoiceViolations (Invoice *invoice*) [inline]

8.19.1.5 void Import.zugferdHandler.printViolations (List< Invoice > *InvoiceList*) [inline]

8.19.1.6 Invoice Import.zugferdHandler.readInvoice (String *Path*) throws IOException [inline]

8.19.1.7 void Import.zugferdHandler.readInvoice (String *Path*, List< Invoice > *InvoiceList*, boolean *setLogging*, boolean *supressInvalid*) throws Exception [inline]

8.19.1.8 void Import.zugferdHandler.removeInvalid (List< Invoice > *InvoiceList*) [inline]

The documentation for this class was generated from the following file:

- C:/Users/Denis/workspace/Basic_Neural_Network/src/Import/[zugferdHandler.java](#)

Chapter 9

File Documentation

9.1 mainpage.txt File Reference

9.2 C:/Users/Denis/workspace/Basic_Neural_Network/src/Import/zugferd↵ Handler.java File Reference

Classes

- class [Import.zugferdHandler](#)

Packages

- package [Import](#)

9.3 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/Agreement↵ Factory.java File Reference

Classes

- class [Invoice.AgreementFactory](#)

Packages

- package [Invoice](#)

9.4 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/A↵ InvoiceFacade.java File Reference

Classes

- class [Invoice.AInvoiceFacade](#)

Packages

- package [Invoice](#)

9.5 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/AmountFactory.java File Reference↔

Classes

- class [Invoice.AmountFactory](#)

Packages

- package [Invoice](#)

9.6 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/HeaderFactory.java File Reference↔

Classes

- class [Invoice.HeaderFactory](#)

Packages

- package [Invoice](#)

9.7 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/InvoiceFacade.java File Reference↔

Classes

- class [Invoice.InvoiceFacade](#)

Packages

- package [Invoice](#)

9.8 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/InvoiceFactory.java File Reference↔

Classes

- class [Invoice.InvoiceFactory](#)

Packages

- package [Invoice](#)

9.9 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/ItemFactory.java File Reference**Classes**

- class [Invoice.ItemFactory](#)

Packages

- package [Invoice](#)

9.10 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/MonetarySummationFactory.java File Reference**Classes**

- class [Invoice.MonetarySummationFactory](#)

Packages

- package [Invoice](#)

9.11 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/PaymentMeansFactory.java File Reference**Classes**

- class [Invoice.PaymentMeansFactory](#)

Packages

- package [Invoice](#)

9.12 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/SettlementFactory.java File Reference**Classes**

- class [Invoice.SettlementFactory](#)

Packages

- package [Invoice](#)

9.13 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/TradeFactory.java File Reference ↩

Classes

- class [Invoice.TradeFactory](#)

Packages

- package [Invoice](#)

9.14 C:/Users/Denis/workspace/Basic_Neural_Network/src/Invoice/TradePartyFactory.java File Reference ↩

Classes

- class [Invoice.TradePartyFactory](#)

Packages

- package [Invoice](#)

9.15 C:/Users/Denis/workspace/Basic_Neural_Network/src/Main/Run.java File Reference

Classes

- class [Main.Run](#)

Packages

- package [Main](#)

9.16 C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/AInvoice.java File Reference ↩

Classes

- class [ReducedInvoice.AInvoice](#)

Packages

- package [ReducedInvoice](#)

9.17 C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/Metadata.java File Reference**Classes**

- class [ReducedInvoice.Metadata](#)

Packages

- package [ReducedInvoice](#)

9.18 C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/Position.java File Reference**Classes**

- class [ReducedInvoice.Position](#)

Packages

- package [ReducedInvoice](#)

9.19 C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/Price.java File Reference**Classes**

- class [ReducedInvoice.Price](#)

Packages

- package [ReducedInvoice](#)

9.20 C:/Users/Denis/workspace/Basic_Neural_Network/src/ReducedInvoice/RInvoice.java File Reference**Classes**

- class [ReducedInvoice.RInvoice](#)

Packages

- package [ReducedInvoice](#)

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