

PaynetEasy mPOS SDK

by payneteasy.com

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Package

com.payneteasy.android.sdk.card

com.payneteasy.android.sdk.card

Class BankCard

java.lang.Object

↳ -com.payneteasy.android.sdk.card.BankCard

All Implemented Interfaces:

java.io.Serializable

public class **BankCard**
 extends java.lang.Object
 implements java.io.Serializable

Nested Class Summary

class	BankCard.Builder BankCard.Builder
class	BankCard.CardType BankCard.CardType

Field Summary

public final	cardHolderName
public final	cardReader Carder Reader Type
public final	cardType
public final	encryptedData Encrypted Card data
public final	expiryMonth Expiration date
public final	expiryYear2 Expiration year
public final	isFallbackMode
public final	ksn
public final	name visa, mastercard, etc
public final	needSignature does customer need to sign check
public final	panFirstDigits

public final	panLastDigits
public final	pinEntered was PIN entered

Method Summary

CardReaderInfo	getCardReader() Carder Reader Type
java.lang.String	getEncryptedCardData()
java.lang.String	getMonth() Expiration month, 2 character
java.lang.String	getPaymentSystemName()
boolean	getPinAvailable() pin available
java.lang.String	getYear() Expiration year, 2 character
java.lang.String	toString()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

cardType

public final com.payneteasy.android.sdk.card.BankCard.CardType **cardType**

pinEntered

public final boolean **pinEntered**

was PIN entered

needSignature

public final boolean **needSignature**

does customer need to sign check

cardReader

public final com.payneteasy.android.sdk.reader.CardReaderInfo **cardReader**

Carder Reader Type

isFallbackMode

public final boolean **isFallbackMode**

name

public final java.lang.String **name**

visa, mastercard, etc

expiryYear2

public final java.lang.String **expiryYear2**

Expiration year

expiryMonth

public final java.lang.String **expiryMonth**

Expiration date

encryptedData

public final java.lang.String **encryptedData**

Encrypted Card data

panFirstDigits

public final java.lang.String **panFirstDigits**

panLastDigits

public final java.lang.String **panLastDigits**

cardHolderName

public final java.lang.String **cardHolderName**

ksn

public final byte **ksn**

Methods

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toString

```
public java.lang.String toString()
```

getMonth

```
public java.lang.String getMonth()
```

Expiration month, 2 character

getYear

```
public java.lang.String getYear()
```

Expiration year, 2 character

getPaymentSystemName

```
public java.lang.String getPaymentSystemName()
```

getEncryptedCardData

```
public java.lang.String getEncryptedCardData()
```

getCardReader

```
public CardReaderInfo getCardReader()
```

Carder Reader Type

getPinAvailable

```
public boolean getPinAvailable()
```

pin available

com.payneteasy.android.sdk.card

Class BankCard.CardType

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.card.BankCard.CardType

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public static final class **BankCard.CardType**
extends java.lang.Enum

Field Summary

public static final	EMV_CONTACT
public static final	EMV_CONTACTLESS
public static final	MAG_STRIPE

Method Summary

static BankCard.CardType	valueOf (java.lang.String name)
static BankCard.CardType[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

MAG_STRIPE

public static final com.payneteasy.android.sdk.card.BankCard.CardType **MAG_STRIPE**

EMV_CONTACT

public static final com.payneteasy.android.sdk.card.BankCard.CardType **EMV_CONTACT**

EMV_CONTACTLESS

public static final com.payneteasy.android.sdk.card.BankCard.CardType **EMV_CONTACTLESS**

Methods

values

public static [BankCard.CardType\[\]](#) **values()**

valueOf

public static [BankCard.CardType](#) **valueOf**(java.lang.String name)

com.payneteas.android.sdk.card Class BankCard.Builder

java.lang.Object

└-com.payneteas.android.sdk.card.BankCard.Builder

public static class **BankCard.Builder**
extends java.lang.Object

Constructor Summary

public	Builder ()
--------	----------------------------

Method Summary

BankCard	build ()
BankCard.Builder	cardHolderName (java.lang.String aCardHolderName)
BankCard.Builder	cardReader (CardReaderInfo aCardReader)
BankCard.Builder	cardType (BankCard.CardType aCardType)
BankCard.Builder	encryptedData (java.lang.String aEncryptedData)
BankCard.Builder	expiryMonth (java.lang.String aExpiryMonth)
BankCard.Builder	expiryYear2 (java.lang.String aExpiryYear2)
BankCard.Builder	isFallbackMode (boolean aIsFallbackMode)
BankCard.Builder	ksn (byte[] aKsn)
BankCard.Builder	name (java.lang.String aName)
BankCard.Builder	needSignature (boolean val)
BankCard.Builder	panFirstDigits (java.lang.String aPanFirstDigits)
BankCard.Builder	panLastDigits (java.lang.String aPanLastDigits)
BankCard.Builder	pinEntered (boolean aPinEntered)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

```
public Builder()
```

Methods

cardType

```
public BankCard.Builder cardType(BankCard.CardType aCardType)
```

pinEntered

```
public BankCard.Builder pinEntered(boolean aPinEntered)
```

needSignature

```
public BankCard.Builder needSignature(boolean val)
```

cardReader

```
public BankCard.Builder cardReader(CardReaderInfo aCardReader)
```

isFallbackMode

```
public BankCard.Builder isFallbackMode(boolean aIsFallbackMode)
```

name

```
public BankCard.Builder name(java.lang.String aName)
```

expiryYear2

```
public BankCard.Builder expiryYear2(java.lang.String aExpiryYear2)
```

expiryMonth

```
public BankCard.Builder expiryMonth(java.lang.String aExpiryMonth)
```

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encryptedData

```
public BankCard.Builder encryptedData(java.lang.String aEncryptedData)
```

panFirstDigits

```
public BankCard.Builder panFirstDigits(java.lang.String aPanFirstDigits)
```

panLastDigits

```
public BankCard.Builder panLastDigits(java.lang.String aPanLastDigits)
```

cardHolderName

```
public BankCard.Builder cardHolderName(java.lang.String aCardHolderName)
```

ksn

```
public BankCard.Builder ksn(byte[] aKsn)
```

build

```
public BankCard build()
```

Package

com.payneteasy.android.sdk.message

com.payneteasy.android.sdk.message Class MiuraCardStatusMessage

java.lang.Object

↳ com.payneteasy.android.sdk.message.MiuraCardStatusMessage

public class **MiuraCardStatusMessage**
extends java.lang.Object

Nested Class Summary

class	MiuraCardStatusMessage.Builder MiuraCardStatusMessage.Builder
-------	--

Field Summary

public final	isCardPresent
public final	isEmvCompatable
public final	isMsrDataAvailable
public final	isTrack1Available
public final	isTrack2Available
public final	isTrack3Available

Method Summary

java.lang.String	toString()
------------------	----------------------------

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

isCardPresent

public final boolean **isCardPresent**

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isEmvCompatable

public final boolean **isEmvCompatable**

isMsrDataAvailable

public final boolean **isMsrDataAvailable**

isTrack1Available

public final boolean **isTrack1Available**

isTrack2Available

public final boolean **isTrack2Available**

isTrack3Available

public final boolean **isTrack3Available**

Methods

toString

public java.lang.String **toString()**

com.payneteasy.android.sdk.message Class MiuraCardStatusMessage.Builder

java.lang.Object

↳ com.payneteasy.android.sdk.message.MiuraCardStatusMessage.Builder

public static class **MiuraCardStatusMessage.Builder**
extends java.lang.Object

Constructor Summary

public	Builder ()
--------	----------------------------

Method Summary

MiuraCardStatusMessage	build ()
MiuraCardStatusMessage.Builder	isCardPresent (boolean aIsCardPresent)
MiuraCardStatusMessage.Builder	isEmvCompatable (boolean aIsEmvCompatable)
MiuraCardStatusMessage.Builder	isMsrDataAvailable (boolean aIsMsrDataAvailable)
MiuraCardStatusMessage.Builder	isTrack1Available (boolean aIsTrack1Available)
MiuraCardStatusMessage.Builder	isTrack2Available (boolean aIsTrack2Available)
MiuraCardStatusMessage.Builder	isTrack3Available (boolean aIsTrack3Available)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder**()

Methods

(continued from last page)

isCardPresent

public [MiuraCardStatusMessage.Builder](#) **isCardPresent**(boolean aIsCardPresent)

isEmvCompatable

public [MiuraCardStatusMessage.Builder](#) **isEmvCompatable**(boolean aIsEmvCompatable)

isMsrDataAvailable

public [MiuraCardStatusMessage.Builder](#) **isMsrDataAvailable**(boolean aIsMsrDataAvailable)

isTrack1Available

public [MiuraCardStatusMessage.Builder](#) **isTrack1Available**(boolean aIsTrack1Available)

isTrack2Available

public [MiuraCardStatusMessage.Builder](#) **isTrack2Available**(boolean aIsTrack2Available)

isTrack3Available

public [MiuraCardStatusMessage.Builder](#) **isTrack3Available**(boolean aIsTrack3Available)

build

public [MiuraCardStatusMessage](#) **build**()

com.payneteasysdk.message Class MiuraDeviceInfoMessage

java.lang.Object

└─com.payneteasysdk.message.MiuraDeviceInfoMessage

public class **MiuraDeviceInfoMessage**
extends java.lang.Object

Nested Class Summary

class	MiuraDeviceInfoMessage.Builder MiuraDeviceInfoMessage.Builder
-------	--

Field Summary

public final	deviceId
public final	mpiVersion
public final	osVersion
public final	testOs

Method Summary

java.lang.String	toString()
------------------	----------------------------

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

deviceId

public final java.lang.String **deviceId**

osVersion

public final java.lang.String **osVersion**

(continued from last page)

mpiVersion

```
public final java.lang.String mpiVersion
```

testOs

```
public final boolean testOs
```

Methods

toString

```
public java.lang.String toString()
```

com.payneteasy.android.sdk.message Class MiuraDeviceInfoMessage.Builder

java.lang.Object

↳ com.payneteasy.android.sdk.message.MiuraDeviceInfoMessage.Builder

public static class **MiuraDeviceInfoMessage.Builder**
extends java.lang.Object

Constructor Summary

public	Builder ()
--------	----------------------------

Method Summary

MiuraDeviceInfoMessage	build ()
MiuraDeviceInfoMessage.Builder	deviceId (java.lang.String aDeviceId)
MiuraDeviceInfoMessage.Builder	mpiVersion (java.lang.String aMpiVersion)
MiuraDeviceInfoMessage.Builder	osVersion (java.lang.String aOsVersion)
MiuraDeviceInfoMessage.Builder	testOs (boolean aTestOs)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder**()

Methods

deviceId

public [MiuraDeviceInfoMessage.Builder](#) **deviceId**(java.lang.String aDeviceId)

(continued from last page)

osVersion

```
public MiuraDeviceInfoMessage.Builder osVersion(java.lang.String aOsVersion)
```

mpiVersion

```
public MiuraDeviceInfoMessage.Builder mpiVersion(java.lang.String aMpiVersion)
```

testOs

```
public MiuraDeviceInfoMessage.Builder testOs(boolean aTestOs)
```

build

```
public MiuraDeviceInfoMessage build()
```

com.payneteasysdk.message Class MiuraDeviceStatusChangeMessage

java.lang.Object

↳ com.payneteasysdk.message.MiuraDeviceStatusChangeMessage

```
public class MiuraDeviceStatusChangeMessage
    extends java.lang.Object
```

Nested Class Summary

class	MiuraDeviceStatusChangeMessage.Builder MiuraDeviceStatusChangeMessage.Builder
class	MiuraDeviceStatusChangeMessage.PinEntryStatus MiuraDeviceStatusChangeMessage.PinEntryStatus
class	MiuraDeviceStatusChangeMessage.Status MiuraDeviceStatusChangeMessage.Status

Field Summary

public final	pinDigits If status == PIN_ENTRY_EVENT and "PIN length changes" property is configured in the Miura this field is filled.
public final	pinEntryStatus
public final	status
public final	statusText

Method Summary

java.lang.String	toString()
------------------	----------------------------

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

status

```
public final com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
status
```

statusText

```
public final java.lang.String statusText
```

pinEntryStatus

```
public final  
com.payneteasy.android.sdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus  
pinEntryStatus
```

pinDigits

```
public final java.lang.Integer pinDigits
```

If status == PIN_ENTRY_EVENT and "PIN length changes" property is configured in the Miura this field is filled. The number of digits is from 0 to 12

Methods

toString

```
public java.lang.String toString()
```

com.payneteasysdk.message

Class MiuraDeviceStatusChangeMessage.Status

java.lang.Object

└- java.lang.Enum

└- com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public static final class **MiuraDeviceStatusChangeMessage.Status**
 extends java.lang.Enum

Field Summary

public static final	APPLICATION_SELECTION
public static final	DEVICE_POWERED_ON
public static final	DEVICE_POWERING_OFF
public static final	DEVICE_REBOOTING
public static final	MPI_RESTARTING
public static final	PIN_ENTRY_EVENT
public static final	UNKNOWN

Method Summary

static MiuraDeviceStatusChangeMessage.Status	valueOf (java.lang.String name)
static MiuraDeviceStatusChangeMessage.Status[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

DEVICE_POWERED_ON

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
DEVICE_POWERED_ON
```

PIN_ENTRY_EVENT

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
PIN_ENTRY_EVENT
```

APPLICATION_SELECTION

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
APPLICATION_SELECTION
```

DEVICE_POWERING_OFF

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
DEVICE_POWERING_OFF
```

DEVICE_REBOOTING

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
DEVICE_REBOOTING
```

MPI_RESTARTING

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status
MPI_RESTARTING
```

UNKNOWN

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Status UNKNOWN
```


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Methods

values

```
public static MiuraDeviceStatusChangeMessage.Status\[\] values()
```

valueOf

```
public static MiuraDeviceStatusChangeMessage.Status valueOf(java.lang.String name)
```

com.payneteasy.android.sdk.message

Class MiuraDeviceStatusChangeMessage.PinEntryStatus

java.lang.Object

└- java.lang.Enum

└-

com.payneteasy.android.sdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public static final class **MiuraDeviceStatusChangeMessage.PinEntryStatus**

extends java.lang.Enum

Field Summary

public static final	INCORRECT_PIN
public static final	LAST_POSSIBLE_ATTEMPT
public static final	PIN_ENTRY_COMPLETED
public static final	PIN_ENTRY_ERROR
public static final	PIN_OK

Method Summary

static MiuraDeviceStatusChangeMessage.PinEntryStatus	valueOf (java.lang.String name)
static MiuraDeviceStatusChangeMessage.PinEntryStatus[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

(continued from last page)

Fields

LAST_POSSIBLE_ATTEMPT

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus
LAST_POSSIBLE_ATTEMPT
```

PIN_OK

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus
PIN_OK
```

INCORRECT_PIN

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus
INCORRECT_PIN
```

PIN_ENTRY_ERROR

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus
PIN_ENTRY_ERROR
```

PIN_ENTRY_COMPLETED

```
public static final
com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.PinEntryStatus
PIN_ENTRY_COMPLETED
```

Methods

values

```
public static MiuraDeviceStatusChangeMessage.PinEntryStatus\[\] values()
```

valueOf

```
public static MiuraDeviceStatusChangeMessage.PinEntryStatus valueOf(java.lang.String
name)
```

com.payneteasysdk.message Class MiuraDeviceStatusChangeMessage.Builder

java.lang.Object

↳ com.payneteasysdk.message.MiuraDeviceStatusChangeMessage.Builder

public static class **MiuraDeviceStatusChangeMessage.Builder**
extends java.lang.Object

Constructor Summary

public	Builder()
--------	---------------------------

Method Summary

MiuraDeviceStatusChangeMessage	build()
MiuraDeviceStatusChangeMessage.Builder	pinDigits (java.lang.Integer aPinDigits)
MiuraDeviceStatusChangeMessage.Builder	pinEntryStatus (MiuraDeviceStatusChangeMessage.PinEntryStatus aPinEntryStatus)
MiuraDeviceStatusChangeMessage.Builder	status (MiuraDeviceStatusChangeMessage.Status aStatus)
MiuraDeviceStatusChangeMessage.Builder	statusText (java.lang.String aStatusText)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder()**

Methods

status

public [MiuraDeviceStatusChangeMessage.Builder](#)
status([MiuraDeviceStatusChangeMessage.Status](#) aStatus)

statusText

public [MiuraDeviceStatusChangeMessage.Builder](#) **statusText**(java.lang.String aStatusText)

pinEntryStatus

public [MiuraDeviceStatusChangeMessage.Builder](#)
pinEntryStatus([MiuraDeviceStatusChangeMessage.PinEntryStatus](#) aPinEntryStatus)

pinDigits

public [MiuraDeviceStatusChangeMessage.Builder](#) **pinDigits**(java.lang.Integer aPinDigits)

build

public [MiuraDeviceStatusChangeMessage](#) **build**()

Package

com.payneteasy.android.sdk.processing

com.payneteasysdk.processing Interface IProcessingService

public interface **IProcessingService**
extends

Nested Class Summary

class	IProcessingService.IDownloadListener IProcessingService.IDownloadListener
-------	--

Method Summary

abstract boolean	downloadConfigs (ConfigRequest aConfig, ConfigurationContinuation aContinuation, MiuraDeviceInfoMessage aDeviceInfo, IProcessingService.IDownloadListener aListener) Downloads configs
abstract SpireConfigResponse	getSpireConfig (SpireConfigRequest aRequest, ConfigurationContinuation aContinuation)
abstract KeyResponse	initialiseKey (KeyRequest aRequest, ConfigurationContinuation aContinuation) Request keys from a server
abstract void	startAdvice (CardEmvAdvice aAdvice, ProcessingContinuation aContinuation)
abstract void	startProcessing (BankCard aBankCard, ProcessingContinuation continuation) Starts processing without reader.

Methods

startProcessing

public abstract void **startProcessing**([BankCard](#) aBankCard, [ProcessingContinuation](#) continuation)

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Starts processing without reader.

Note: Method blocks current thread execution until processing it running. Use your preferred thread model.Example:

```
executor.execute(new Runnable() {  
    void run() {  
        service.startProcessing(card, continuation);  
    }  
});
```

Note: Processing may contains several stages. Do not block IProcessingStageListener.onStateChanged(...).Example:

```
void onStateChanged(aEvent) {  
    // use message passing to notify user interface  
    queue.addEvent(aEvent);  
}
```

Parameters:

aBankCard - bank card

continuation - processing parameters

startAdvice

```
public abstract void startAdvice(CardEmvAdvice aAdvice,  
    ProcessingContinuation aContinuation)
```

initialiseKey

```
public abstract KeyResponse initialiseKey(KeyRequest aRequest,  
    ConfigurationContinuation aContinuation)
```

Request keys from a server

Parameters:

aRequest - info

Returns:

keys to inject to a reader

downloadConfigs

```
public abstract boolean downloadConfigs(ConfigRequest aConfig,  
    ConfigurationContinuation aContinuation,  
    MiuraDeviceInfoMessage aDeviceInfo,  
    IProcessingService.IDownloadListener aListener)
```

Downloads configs

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Parameters:aConfig - os, mpi and configs versions

getSpireConfig

```
public abstract SpireConfigResponse getSpireConfig(SpireConfigRequest aRequest,  
    ConfigurationContinuation aContinuation)
```

com.payneteasy.android.sdk.processing Interface IProcessingService.IDownloadListener

public interface **IProcessingService.IDownloadListener**
extends

Method Summary

abstract void	downloadFile (java.lang.String aFile)
---------------	---

Methods

downloadFile

public abstract void **downloadFile**(java.lang.String aFile)

com.payneteasysdk.processing Interface IProcessingStageListener

public interface **IProcessingStageListener**
extends

Method Summary

abstract void	onStageChanged (ProcessingStageEvent aEvent)
---------------	---

Methods

onStageChanged

public abstract void **onStageChanged**([ProcessingStageEvent](#) aEvent)

com.payneteasy.android.sdk.processing Class ProcessingContinuation

java.lang.Object

↳ com.payneteasy.android.sdk.processing.ProcessingContinuation

public class **ProcessingContinuation**
extends java.lang.Object

Nested Class Summary

class	ProcessingContinuation.Builder ProcessingContinuation.Builder
-------	--

Field Summary

public final	customerAddress
public final	customerCountry
public final	customerEmail
public final	customerPhone
public final	decision
public final	listener
public final	merchantControlKey
public final	merchantEndPointId
public final	merchantLogin
public final	oauthSignedBaseUrl
public final	orderDescription
public final	orderInvoiceNumber
public final	orderMerchantData
public final	processingBaseUrl
public final	proxy

Method Summary

ProcessingContinuation	addListener(IProcessingStageListener aListener)
java.lang.String	toString()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

decision

```
public final com.payneteasy.android.sdk.processing.ProcessingContinuation.Decision
decision
```

processingBaseUrl

```
public final java.lang.String processingBaseUrl
```

oauthSignedBaseUrl

```
public final java.lang.String oauthSignedBaseUrl
```

merchantLogin

```
public final java.lang.String merchantLogin
```

merchantControlKey

```
public final java.lang.String merchantControlKey
```

merchantEndPointId

```
public final long merchantEndPointId
```

customerEmail

```
public final java.lang.String customerEmail
```

customerAddress

```
public final java.lang.String customerAddress
```

customerCountry

```
public final java.lang.String customerCountry
```

customerPhone

```
public final java.lang.String customerPhone
```

orderMerchantData

```
public final java.lang.String orderMerchantData
```

orderDescription

```
public final java.lang.String orderDescription
```

orderInvoiceNumber

```
public final java.lang.String orderInvoiceNumber
```

proxy

```
public final java.net.Proxy proxy
```

listener

```
public final com.payneteasy.android.sdk.processing.IProcessingStageListener listener
```

Methods

addListener

```
public ProcessingContinuation addListener(IProcessingStageListener aListener)
```

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toString

```
public java.lang.String toString()
```

com.payneteasy.android.sdk.processing Class ProcessingContinuation.Builder

java.lang.Object

↳ com.payneteasy.android.sdk.processing.ProcessingContinuation.Builder

public static class **ProcessingContinuation.Builder**
extends java.lang.Object

Method Summary

ProcessingContinuation.Builder	build()
ProcessingContinuation.Builder	customerAddress (java.lang.String aAddress)
ProcessingContinuation.Builder	customerCountry (java.lang.String aCountry)
ProcessingContinuation.Builder	customerEmail (java.lang.String aEmail)
ProcessingContinuation.Builder	customerPhone (java.lang.String aCustomerPhone)
ProcessingContinuation.Builder	listener (IProcessingStageListener aListener)
ProcessingContinuation.Builder	merchantControlKey (java.lang.String aControlKey)
ProcessingContinuation.Builder	merchantEndPointId (long aEndPointId)
ProcessingContinuation.Builder	merchantLogin (java.lang.String aLogin)
ProcessingContinuation.Builder	oauthSignedBaseUrl (java.lang.String aOauthSignedBaseUrl)
ProcessingContinuation.Builder	orderDescription (java.lang.String aOrderDescription)
ProcessingContinuation.Builder	orderInvoiceNumber (java.lang.String aOrderInvoiceNumber)
ProcessingContinuation.Builder	orderMerchantData (java.lang.String aMerchantData)
ProcessingContinuation.Builder	processingBaseUrl (java.lang.String aProcessingBaseUrl)
ProcessingContinuation.Builder	proxy (java.net.Proxy aProxy)
ProcessingContinuation.Builder	service (IProcessingService aService)

static ProcessingContinuation.Builder	startAuthorizationOnline() Starts AUTHORIZATION (authorization, 100) transaction
static ProcessingContinuation.Builder	startSaleOnline() Starts SALE (purchase, 200) transaction

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

startSaleOnlinepublic static [ProcessingContinuation.Builder](#) startSaleOnline()

Starts SALE (purchase, 200) transaction

startAuthorizationOnlinepublic static [ProcessingContinuation.Builder](#) startAuthorizationOnline()

Starts AUTHORIZATION (authorization, 100) transaction

merchantLoginpublic [ProcessingContinuation.Builder](#) merchantLogin(java.lang.String aLogin)**merchantControlKey**public [ProcessingContinuation.Builder](#) merchantControlKey(java.lang.String aControlKey)**merchantEndPointId**public [ProcessingContinuation.Builder](#) merchantEndPointId(long aEndPointId)**customerEmail**public [ProcessingContinuation.Builder](#) customerEmail(java.lang.String aEmail)**customerAddress**public [ProcessingContinuation.Builder](#) customerAddress(java.lang.String aAddress)

customerCountry

public [ProcessingContinuation.Builder](#) **customerCountry**(java.lang.String aCountry)

orderMerchantData

public [ProcessingContinuation.Builder](#) **orderMerchantData**(java.lang.String aMerchantData)

processingBaseUrl

public [ProcessingContinuation.Builder](#) **processingBaseUrl**(java.lang.String aProcessingBaseUrl)

orderDescription

public [ProcessingContinuation.Builder](#) **orderDescription**(java.lang.String aOrderDescription)

orderInvoiceNumber

public [ProcessingContinuation.Builder](#) **orderInvoiceNumber**(java.lang.String aOrderInvoiceNumber)

customerPhone

public [ProcessingContinuation.Builder](#) **customerPhone**(java.lang.String aCustomerPhone)

listener

public [ProcessingContinuation.Builder](#) **listener**([IProcessingStageListener](#) aListener)

service

public [ProcessingContinuation.Builder](#) **service**([IProcessingService](#) aService)

oauthSignedBaseUrl

public [ProcessingContinuation.Builder](#) **oauthSignedBaseUrl**(java.lang.String aOAuthSignedBaseUrl)

proxy

public [ProcessingContinuation.Builder](#) **proxy**(java.net.Proxy aProxy)

build

public [ProcessingContinuation](#) **build**()

com.payneteasysdk.processing Class ProcessingStageEvent

java.lang.Object

↳ com.payneteasysdk.processing.ProcessingStageEvent

public class **ProcessingStageEvent**
extends java.lang.Object

Nested Class Summary

class	ProcessingStageEvent.Builder ProcessingStageEvent.Builder
class	ProcessingStageEvent.Type ProcessingStageEvent.Type

Field Summary

public final	exception
public final	response
public final	type

Method Summary

static boolean	isSaleEmvValidatingStage (StatusResponse status)
java.lang.String	toString ()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

type

public final com.payneteasysdk.processing.ProcessingStageEvent.Type **type**

exception

public final java.lang.Exception **exception**

response

public final com.payneteasy.paynet.processing.response.StatusResponse **response**

Methods

isSaleEmvValidatingStage

public static boolean **isSaleEmvValidatingStage**([StatusResponse](#) status)

toString

public java.lang.String **toString**()

com.payneteasy.android.sdk.processing Class ProcessingStageEvent.Type

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public static final class **ProcessingStageEvent.Type**
extends java.lang.Enum

Field Summary

public static final	ADVICE_REQUIRED
public static final	ADVICE_RESPONSE_WAITING
public static final	ADVICE_SENDING
public static final	ERROR_3D_SECURE
public static final	EXCEPTION
public static final	RESULT
public static final	SALE_RESPONSE_WAITING
public static final	SALE_SENDING

Method Summary

static ProcessingStageEvent.Type	valueOf (java.lang.String name)
static ProcessingStageEvent.Type[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

EXCEPTION

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
EXCEPTION
```

ERROR_3D_SECURE

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
ERROR_3D_SECURE
```

SALE_SENDING

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
SALE_SENDING
```

SALE_RESPONSE_WAITING

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
SALE_RESPONSE_WAITING
```

ADVICE_REQUIRED

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
ADVICE_REQUIRED
```

ADVICE_SENDING

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
ADVICE_SENDING
```

ADVICE_RESPONSE_WAITING

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
ADVICE_RESPONSE_WAITING
```

(continued from last page)

RESULT

```
public static final com.payneteasy.android.sdk.processing.ProcessingStageEvent.Type  
RESULT
```

Methods

values

```
public static ProcessingStageEvent.Type\[\] values()
```

valueOf

```
public static ProcessingStageEvent.Type valueOf(java.lang.String name)
```


com.payneteasy.android.sdk.processing Class ProcessingStageEvent.Builder

java.lang.Object

↳ com.payneteasy.android.sdk.processing.ProcessingStageEvent.Builder

public static class **ProcessingStageEvent.Builder**
extends java.lang.Object

Constructor Summary

public	Builder (ProcessingStageEvent.Type aType)
--------	--

Method Summary

static ProcessingStageEvent	error (java.lang.Exception aException)
static ProcessingStageEvent	error3dSecure ()
ProcessingStageEvent.Builder	exception (java.lang.Exception aException)
static ProcessingStageEvent	fromType (ProcessingStageEvent.Type aType)
ProcessingStageEvent.Builder	response (StatusResponse aResponse)
static ProcessingStageEvent	resultFromStatus (StatusResponse aStatus)
static ProcessingStageEvent	resultFromStatusForAdvice (StatusResponse aStatus)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder**([ProcessingStageEvent.Type](#) aType)

Methods

(continued from last page)

error

```
public static ProcessingStageEvent error(java.lang.Exception aException)
```

exception

```
public ProcessingStageEvent.Builder exception(java.lang.Exception aException)
```

response

```
public ProcessingStageEvent.Builder response(StatusResponse aResponse)
```

error3dSecure

```
public static ProcessingStageEvent error3dSecure()
```

resultFromStatus

```
public static ProcessingStageEvent resultFromStatus(StatusResponse aStatus)
```

resultFromStatusForAdvice

```
public static ProcessingStageEvent resultFromStatusForAdvice(StatusResponse aStatus)
```

fromType

```
public static ProcessingStageEvent fromType(ProcessingStageEvent.Type aType)
```

Package

com.payneteasy.android.sdk.reader

com.payneteasysdk.reader Class CardError

java.lang.Object

↳ com.payneteasysdk.reader.CardError

public class **CardError**
extends java.lang.Object

Nested Class Summary

class	CardError.Builder CardError.Builder
-------	--

Method Summary

java.lang.String	getErrorMessage()
java.lang.Exception	getSourceException()
CardErrorType	getType()
static CardError	of(CardErrorType aType)
static CardError	of(CardErrorType aType, java.lang.Exception aException)
static CardError	of(CardErrorType aType, java.lang.String aMessage)
java.lang.String	toString()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

of

public static [CardError](#) **of**([CardErrorType](#) aType)

of

public static [CardError](#) **of**([CardErrorType](#) aType,
java.lang.Exception aException)

(continued from last page)

of

```
public static CardError of(CardErrorType aType,  
    java.lang.String aMessage)
```

getType

```
public CardErrorType getType()
```

getSourceException

```
public java.lang.Exception getSourceException()
```

getErrorMessage

```
public java.lang.String getErrorMessage()
```

toString

```
public java.lang.String toString()
```

com.payneteasyy.android.sdk.reader Class CardError.Builder

java.lang.Object

↓
-com.payneteasyy.android.sdk.reader.CardError.Builder

public static class **CardError.Builder**
extends java.lang.Object

Constructor Summary

public	Builder()
--------	---------------------------

Method Summary

CardError	build()
CardError.Builder	errorMessage (java.lang.String aErrorMessage)
CardError.Builder	sourceException (java.lang.Exception aSourceException)
CardError.Builder	type (CardErrorType aType)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder()**

Methods

type

public [CardError.Builder](#) **type**([CardErrorType](#) aType)

sourceException

public [CardError.Builder](#) **sourceException**(java.lang.Exception aSourceException)

errorMessage

public [CardError.Builder](#) **errorMessage**(java.lang.String aErrorMessage)

build

public [CardError](#) **build**()

com.payneteasy.android.sdk.reader

Class CardErrorType

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.reader.CardErrorType

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public final class **CardErrorType**
extends java.lang.Enum

Field Summary

public static final	<u>CARD_NOT_VALID</u>
public static final	<u>CONFIGURATION_ERROR</u>
public static final	<u>CONTACTLESS_ASK_CHIP_USE_ICC</u>
public static final	<u>CONTACTLESS_HARDWARE_ERROR</u>
public static final	<u>CONTACTLESS_NO_CONDITIONS_USE_ICEE_OR_MSR</u>
public static final	<u>CONTACTLESS_NOT_POSSIBLE_USE_ICEE_OR_MSR</u>
public static final	<u>CONTACTLESS_REQUIRED_EMV_FINAL_ADVICE</u>
public static final	<u>CONTACTLESS_TRANSACTION_TIMED_OUT</u>
public static final	<u>DATA_MISSING_FROM_COMMAND_APDU</u>
public static final	<u>EMPTY_CARD_INFO</u>
public static final	<u>ENCRYPTION_INITIALISE_ERROR</u>
public static final	<u>ICC_READ_ERROR</u>
public static final	<u>INVALID_CARD</u>
public static final	<u>INVALID_CARD_NO_MSR_FALLBACK_ALLOWED</u>
public static final	<u>INVALID_DATA_IN_COMMAND_APDU</u>
public static final	<u>INVALID_ISSUE_PUBLIC_KEY</u>

public static final	MISSING_FILE
public static final	NO_SMART_CARD_IN_SLOT
public static final	PARSE_PACKET_ERROR
public static final	PARSE_TRACK_ERROR
public static final	SKIP
public static final	TERMINAL_NOR_READY
public static final	TRANSACTION_ALREADY_IN_PROGRESS
public static final	UNKNOWN
public static final	UNKNOWN_CARD_TYPE
public static final	UNSUPPORTED_CARD
public static final	USER_CANCELLED

Method Summary

static CardErrorType	valueOf (java.lang.String name)
static CardErrorType[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

PARSE_PACKET_ERROR

public static final com.payneteasy.android.sdk.reader.CardErrorType **PARSE_PACKET_ERROR**

(continued from last page)

PARSE_TRACK_ERROR

```
public static final com.payneteasy.android.sdk.reader.CardErrorType PARSE_TRACK_ERROR
```

EMPTY_CARD_INFO

```
public static final com.payneteasy.android.sdk.reader.CardErrorType EMPTY_CARD_INFO
```

UNKNOWN_CARD_TYPE

```
public static final com.payneteasy.android.sdk.reader.CardErrorType UNKNOWN_CARD_TYPE
```

CARD_NOT_VALID

```
public static final com.payneteasy.android.sdk.reader.CardErrorType CARD_NOT_VALID
```

USER_CANCELLED

```
public static final com.payneteasy.android.sdk.reader.CardErrorType USER_CANCELLED
```

SKIP

```
public static final com.payneteasy.android.sdk.reader.CardErrorType SKIP
```

INVALID_DATA_IN_COMMAND_APDU

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
INVALID_DATA_IN_COMMAND_APDU
```

TERMINAL_NOR_READY

```
public static final com.payneteasy.android.sdk.reader.CardErrorType TERMINAL_NOR_READY
```

NO_SMART_CARD_IN_SLOT

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
NO_SMART_CARD_IN_SLOT
```

(continued from last page)

INVALID_CARD

public static final com.payneteasy.android.sdk.reader.CardErrorType **INVALID_CARD**

INVALID_CARD_NO_MSR_FALLBACK_ALLOWED

public static final com.payneteasy.android.sdk.reader.CardErrorType
INVALID_CARD_NO_MSR_FALLBACK_ALLOWED

TRANSACTION_ALREADY_IN_PROGRESS

public static final com.payneteasy.android.sdk.reader.CardErrorType
TRANSACTION_ALREADY_IN_PROGRESS

DATA_MISSING_FROM_COMMAND_APDU

public static final com.payneteasy.android.sdk.reader.CardErrorType
DATA_MISSING_FROM_COMMAND_APDU

UNSUPPORTED_CARD

public static final com.payneteasy.android.sdk.reader.CardErrorType **UNSUPPORTED_CARD**

MISSING_FILE

public static final com.payneteasy.android.sdk.reader.CardErrorType **MISSING_FILE**

ICC_READ_ERROR

public static final com.payneteasy.android.sdk.reader.CardErrorType **ICC_READ_ERROR**

INVALID_ISSUE_PUBLIC_KEY

public static final com.payneteasy.android.sdk.reader.CardErrorType
INVALID_ISSUE_PUBLIC_KEY

CONFIGURATION_ERROR

public static final com.payneteasy.android.sdk.reader.CardErrorType
CONFIGURATION_ERROR

ENCRYPTION_INITIALISE_ERROR

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
ENCRYPTION_INITIALISE_ERROR
```

CONTACTLESS_TRANSACTION_TIMED_OUT

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_TRANSACTION_TIMED_OUT
```

CONTACTLESS_NO_CONDITIONS_USE_ICEE_OR_MSR

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_NO_CONDITIONS_USE_ICEE_OR_MSR
```

CONTACTLESS_NOT_POSSIBLE_USE_ICEE_OR_MSR

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_NOT_POSSIBLE_USE_ICEE_OR_MSR
```

CONTACTLESS_ASK_CHIP_USE_ICC

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_ASK_CHIP_USE_ICC
```

CONTACTLESS_HARDWARE_ERROR

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_HARDWARE_ERROR
```

CONTACTLESS_REQUIRED_EMV_FINAL_ADVICE

```
public static final com.payneteasy.android.sdk.reader.CardErrorType  
CONTACTLESS_REQUIRED_EMV_FINAL_ADVICE
```

UNKNOWN

```
public static final com.payneteasy.android.sdk.reader.CardErrorType UNKNOWN
```

Methods

(continued from last page)

values

```
public static CardErrorType\[\] values()
```

valueOf

```
public static CardErrorType valueOf(java.lang.String name)
```

com.payneteasy.android.sdk.reader Class CardReaderEvent

java.lang.Object

↳ com.payneteasy.android.sdk.reader.CardReaderEvent

public class **CardReaderEvent**
extends java.lang.Object

Nested Class Summary

class	CardReaderEvent.Builder CardReaderEvent.Builder
-------	--

Method Summary

java.lang.Object	getMessage()
CardReaderState	getState()
static CardReaderEvent	of(CardReaderState aState)
static CardReaderEvent	of(CardReaderState aState, java.lang.Object aMessage)
java.lang.String	toString()

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getState

public [CardReaderState](#) **getState()**

getMessage

public java.lang.Object **getMessage()**

of

public static [CardReaderEvent](#) **of([CardReaderState](#) aState)**

(continued from last page)

toString

```
public java.lang.String toString()
```

of

```
public static CardReaderEvent of(CardReaderState aState,  
    java.lang.Object aMessage)
```

com.payneteasy.android.sdk.reader Class CardReaderEvent.Builder

java.lang.Object

↳ com.payneteasy.android.sdk.reader.CardReaderEvent.Builder

public static class **CardReaderEvent.Builder**
extends java.lang.Object

Constructor Summary

public	Builder ()
--------	----------------------------

Method Summary

CardReaderEvent	build ()
CardReaderEvent.Builder	message (java.lang.Object aMessage)
CardReaderEvent.Builder	state (CardReaderState aState)

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder

public **Builder**()

Methods

state

public [CardReaderEvent.Builder](#) **state**([CardReaderState](#) aState)

message

public [CardReaderEvent.Builder](#) **message**(java.lang.Object aMessage)

(continued from last page)

build

```
public CardReaderEvent build()
```

com.payneteasy.android.sdk.reader Class CardReaderInfo

java.lang.Object

└-com.payneteasy.android.sdk.reader.CardReaderInfo

All Implemented Interfaces:

java.io.Serializable

```
public class CardReaderInfo
  extends java.lang.Object
  implements java.io.Serializable
```

Field Summary

public final	address
public final	name
public static final	NFC
public static final	TEST
public final	type

Constructor Summary

public	CardReaderInfo (java.lang.String aName, CardReaderType aType, java.lang.String aAddress)
--------	--

Method Summary

java.lang.String	toString()
------------------	----------------------------

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

TEST

public static final com.payneteasy.android.sdk.reader.CardReaderInfo **TEST**

(continued from last page)

NFC

```
public static final com.payneteasy.android.sdk.reader.CardReaderInfo NFC
```

name

```
public final java.lang.String name
```

type

```
public final com.payneteasy.android.sdk.reader.CardReaderType type
```

address

```
public final java.lang.String address
```

Constructors

CardReaderInfo

```
public CardReaderInfo(java.lang.String aName,  
                      CardReaderType aType,  
                      java.lang.String aAddress)
```

Methods

toString

```
public java.lang.String toString()
```

com.payneteasy.android.sdk.reader Class CardReaderProblem

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.reader.CardReaderProblem

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public final class **CardReaderProblem**
extends java.lang.Enum

Field Summary

public static final	AUDIO_AUDIORECORD_INIT_ERROR
public static final	AUDIO_AUDIORECORD_NOT_READY
public static final	AUDIO_POWER_INIT_ERROR
public static final	AUDIO_READER_NOT_SUPPORTED
public static final	BLUETOOTH_ADAPTER_NOT_FOUND
public static final	BLUETOOTH_DISABLED
public static final	BLUETOOTH_ERROR_CONNECTING
public static final	BLUETOOTH_NO_PERMISSIONS
public static final	BLUETOOTH_PAIRING_REQUEST
public static final	BLUETOOTH_READER_NOT_PAired
public static final	NETWORK_ERROR_CONNECTING

Method Summary

static CardReaderProblem	valueOf (java.lang.String name)
static CardReaderProblem[]	values ()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

BLUETOOTH_ERROR_CONNECTING

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_ERROR_CONNECTING

BLUETOOTH_ADAPTER_NOT_FOUND

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_ADAPTER_NOT_FOUND

BLUETOOTH_NO_PERMISSIONS

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_NO_PERMISSIONS

BLUETOOTH_DISABLED

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_DISABLED

BLUETOOTH_READER_NOT_PAIRRED

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_READER_NOT_PAIRRED

BLUETOOTH_PAIRING_REQUEST

public static final com.payneteasysdk.reader.CardReaderProblem
BLUETOOTH_PAIRING_REQUEST

NETWORK_ERROR_CONNECTING

public static final com.payneteasysdk.reader.CardReaderProblem
NETWORK_ERROR_CONNECTING

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AUDIO_AUDIORECORD_INIT_ERROR

```
public static final com.payneteasy.android.sdk.reader.CardReaderProblem  
AUDIO_AUDIORECORD_INIT_ERROR
```

AUDIO_AUDIORECORD_NOT_READY

```
public static final com.payneteasy.android.sdk.reader.CardReaderProblem  
AUDIO_AUDIORECORD_NOT_READY
```

AUDIO_POWER_INIT_ERROR

```
public static final com.payneteasy.android.sdk.reader.CardReaderProblem  
AUDIO_POWER_INIT_ERROR
```

AUDIO_READER_NOT_SUPPORTED

```
public static final com.payneteasy.android.sdk.reader.CardReaderProblem  
AUDIO_READER_NOT_SUPPORTED
```

Methods

values

```
public static CardReaderProblem\[\] values()
```

valueOf

```
public static CardReaderProblem valueOf(java.lang.String name)
```

com.payneteasy.android.sdk.reader Class CardReaderState

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.reader.CardReaderState

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public final class **CardReaderState**
extends java.lang.Enum

Terminal state type

Field Summary

public static final	<u>CHARGING</u> Terminal is charging.
public static final	<u>CONFIGURING_READER</u> Configuring reader
public static final	<u>CONNECTED</u> Connected to terminal
public static final	<u>CONNECTING</u> Connecting to terminal
public static final	<u>DECODING</u> Decoding data from terminal
public static final	<u>DOWNLOADING_FILE</u> Downloading file: parameter String as filename
public static final	<u>GETTING_SERIAL_NUMBER</u> Getting serial number from terminal
public static final	<u>INITIALISING_ENCRYPTION</u> Encryption init...
public static final	<u>INJECTING_KEYS</u> Injecting Keys to a terminal
public static final	<u>MIURA_CARD_STATUS</u> This message is used to inform the integrating application that the terminal has either received data from a magnetic card swipe, or the user has moved a card in or out of the smartcard reader.
public static final	<u>MIURA_DEVICE_INFO</u> Embedded hardware device information held on a terminal.
public static final	<u>MIURA_DEVICE_STATUS_CHANGE</u> This message will be sent each time the terminal's status changes, such as powered on, or entered a wait state e.g.

public static final	<u>NOT_CONNECTED</u> Terminal not connected yet
public static final	<u>SPIRE_12_TRANSACTION_MODE_INITIALISATION_RESPONSE</u> Terminal responses for initialising the mPOS for Transaction operation.
public static final	<u>SPIRE_14_RESTART_RESPONSE</u> The terminal response after a command to restart the mPOS.
public static final	<u>SPIRE_42_GET_TRANSACTION_DATA_EVENT</u> Transaction and application payment related data during card application being selected.
public static final	<u>SPIRE_46_GO_ONLINE_EVENT</u> Indicates that the transaction should go online for authorisation Message class is com.payneteasy.reader.spire.events.SpireGoOnline46Event
public static final	<u>SPIRE_46_GO_ONLINE_RESPONSE</u> The application received all data for online authorisation Message class is com.payneteasy.reader.spire.supplementary.Spire46SupplementaryGoOnlineResponse
public static final	<u>SPIRE_47_COMPLETE_TRANSACTION_EVENT</u> Indicate that the transaction is complete.
public static final	<u>SPIRE_48_TERMINATE_TRANSACTION_EVENT</u> Indicate that the transaction has been terminated.
public static final	<u>SPIRE_49_STATUS_REPORT</u> Indicate to the application the status of an ICC transaction.
public static final	<u>SPIRE_53_SWIPED_CARD_EVENT</u> The application gets all data for MSR transaction and prepare to send it online.
public static final	<u>SPIRE_53_SWIPED_TRANSACTION_EVENT</u> Getting data for swiped transaction.
public static final	<u>SPIRE_RESTARTING</u> Spire terminal is restarting

Method Summary

java.lang.String	<u>getMessageClassname()</u>
static <u>CardReaderState</u>	<u>valueOf()</u> (java.lang.String name)
static <u>CardReaderState[]</u>	<u>values()</u>

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

Fields

NOT_CONNECTED

```
public static final com.payneteasy.android.sdk.reader.CardReaderState NOT_CONNECTED
```

Terminal not connected yet

CONNECTING

```
public static final com.payneteasy.android.sdk.reader.CardReaderState CONNECTING
```

Connecting to terminal

CONNECTED

```
public static final com.payneteasy.android.sdk.reader.CardReaderState CONNECTED
```

Connected to terminal

DECODING

```
public static final com.payneteasy.android.sdk.reader.CardReaderState DECODING
```

Decoding data from terminal

CHARGING

```
public static final com.payneteasy.android.sdk.reader.CardReaderState CHARGING
```

Terminal is charging. This is only for audio-jack terminals.

GETTING_SERIAL_NUMBER

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
GETTING_SERIAL_NUMBER
```

Getting serial number from terminal

MIURA_DEVICE_INFO

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
MIURA_DEVICE_INFO
```

Embedded hardware device information held on a terminal.

See Also:

[MiuraDeviceInfoMessage](#)

MIURA_CARD_STATUS

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
MIURA_CARD_STATUS
```

This message is used to inform the integrating application that the terminal has either received data from a magnetic card swipe, or the user has moved a card in or out of the smartcard reader.

(continued from last page)

See Also:[MiuraCardStatusMessage](#)

MIURA_DEVICE_STATUS_CHANGE

```
public static final com.payneteasy.android.sdk.reader.CardReaderState
MIURA_DEVICE_STATUS_CHANGE
```

This message will be sent each time the terminal's status changes, such as powered on, or entered a wait state e.g. PIN Entry. This message is intended to allow the device to inform the integrating application of any important system wide change.

See Also:[MiuraDeviceStatusChangeMessage](#)

INJECTING_KEYS

```
public static final com.payneteasy.android.sdk.reader.CardReaderState INJECTING_KEYS
```

Injecting Keys to a terminal

INITIALISING_ENCRYPTION

```
public static final com.payneteasy.android.sdk.reader.CardReaderState
INITIALISING_ENCRYPTION
```

Encryption init... (2 mins)

CONFIGURING_READER

```
public static final com.payneteasy.android.sdk.reader.CardReaderState
CONFIGURING_READER
```

Configuring reader

DOWNLOADING_FILE

```
public static final com.payneteasy.android.sdk.reader.CardReaderState DOWNLOADING_FILE
```

Downloading file: parameter String as filename

SPIRE_14_RESTART_RESPONSE

```
public static final com.payneteasy.android.sdk.reader.CardReaderState
SPIRE_14_RESTART_RESPONSE
```

The terminal response after a command to restart the mPOS. This would normally be used after updating the mPOS. Message class is com.payneteasy.reader.spire.commands.SpireRestart14Response

SPIRE_12_TRANSACTION_MODE_INITIALISATION_RESPONSE

```
public static final com.payneteasy.android.sdk.reader.CardReaderState
SPIRE_12_TRANSACTION_MODE_INITIALISATION_RESPONSE
```

Terminal responses for initialising the mPOS for Transaction operation. Contains information about the terminal and merchant. Message class is com.payneteasy.reader.spire.commands.SpireTransactionModeInitialisation12Response

(continued from last page)

SPIRE_42_GET_TRANSACTION_DATA_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_42_GET_TRANSACTION_DATA_EVENT
```

Transaction and application payment related data during card application being selected. Expect the status message for AID selection completed to follow this exchange. Message class is
com.payneteasy.reader.spire.events.SpireGetTransactionAndApplicationData42Event

SPIRE_46_GO_ONLINE_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_46_GO_ONLINE_EVENT
```

Indicates that the transaction should go online for authorisation Message class is
com.payneteasy.reader.spire.events.SpireGoOnline46Event

SPIRE_46_GO_ONLINE_RESPONSE

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_46_GO_ONLINE_RESPONSE
```

The application received all data for online authorisation Message class is
com.payneteasy.reader.spire.supplementary.Spire46SupplementaryGoOnlineResponse

SPIRE_47_COMPLETE_TRANSACTION_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_47_COMPLETE_TRANSACTION_EVENT
```

Indicate that the transaction is complete. Additional actions may be required on the part of the SDK to capture the transaction result and print a receipt. Message class is
com.payneteasy.reader.spire.events.SpireCompleteTransaction47Event

SPIRE_48_TERMINATE_TRANSACTION_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_48_TERMINATE_TRANSACTION_EVENT
```

Indicate that the transaction has been terminated. The reason for termination shall be provided in the message. Message class is com.payneteasy.reader.spire.events.SpireTerminateTransaction48Event

SPIRE_49_STATUS_REPORT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_49_STATUS_REPORT
```

Indicate to the application the status of an ICC transaction. The application may choose to terminate the transaction if external events require it to do so. Message class is com.payneteasy.reader.spire.events.SpireStatusReport49Event

SPIRE_53_SWIPED_CARD_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_53_SWIPED_CARD_EVENT
```

The application gets all data for MSR transaction and prepare to send it online. Message class is
com.payneteasy.reader.spire.events.SpireProcessSwipedCard_52Event

(continued from last page)

SPIRE_53_SWIPED_TRANSACTION_EVENT

```
public static final com.payneteasy.android.sdk.reader.CardReaderState  
SPIRE_53_SWIPED_TRANSACTION_EVENT
```

Getting data for swiped transaction. Message class is
com.payneteasy.reader.spire.events.SpireGetSwipedTransactionData53Event

SPIRE_RESTARTING

```
public static final com.payneteasy.android.sdk.reader.CardReaderState SPIRE_RESTARTING
```

Spire terminal is restarting

Methods

values

```
public static CardReaderState\[\] values()
```

valueOf

```
public static CardReaderState valueOf(java.lang.String name)
```

getMessageClassname

```
public java.lang.String getMessageClassname()
```

com.payneteasy.android.sdk.reader Class CardReaderType

java.lang.Object

└- java.lang.Enum

└- com.payneteasy.android.sdk.reader.CardReaderType

All Implemented Interfaces:

java.io.Serializable, java.lang.Comparable

public final class **CardReaderType**
extends java.lang.Enum

Field Summary

public final	managerClassName
public static final	MIURA Miura M006, M010, M007
public static final	MIURA_RXTX MIURA Test
public static final	MIURA_TEST MIURA Test
public static final	NFC PayPass and PayWave with android NFC api
public static final	SPIRE_SPM2 Spire SPm2 ans SPm20
public static final	TEST For testing purpose only

Method Summary

java.lang.String	toString()
static CardReaderType	valueOf() (java.lang.String name)
static CardReaderType[]	values()

Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable`compareTo`

Fields

MIURA

```
public static final com.payneteasy.android.sdk.reader.CardReaderType MIURA
```

Miura M006, M010, M007

SPIRE_SPM2

```
public static final com.payneteasy.android.sdk.reader.CardReaderType SPIRE_SPM2
```

Spire SPm2 ans SPm20

NFC

```
public static final com.payneteasy.android.sdk.reader.CardReaderType NFC
```

PayPass and PayWave with android NFC api

MIURA_TEST

```
public static final com.payneteasy.android.sdk.reader.CardReaderType MIURA_TEST
```

MIURA Test

MIURA_RXTX

```
public static final com.payneteasy.android.sdk.reader.CardReaderType MIURA_RXTX
```

MIURA Test

TEST

```
public static final com.payneteasy.android.sdk.reader.CardReaderType TEST
```

For testing purpose only

managerClassName

```
public final java.lang.String managerClassName
```

Methods

values

```
public static CardReaderType\[\] values()
```

valueOf

public static [CardReaderType](#) **valueOf**(java.lang.String name)

toString

public java.lang.String **toString**()

com.payneteasysdk.reader Interface ICardReaderManager

public interface **ICardReaderManager**
extends

Method Summary

abstract void	init (android.content.Context aContext, CardReaderInfo aInfo, ICardReaderPresenter aPresenter, java.math.BigDecimal aAmount, java.lang.String aCurrency) Do not use this method.
abstract void	onActivityCreated (android.content.Context aContext, android.os.Bundle aSavedInstanceState) Put this in activity.onCreate(...)
abstract void	onActivityDestroy () Put this method in activity.onDestroy()
abstract void	onActivityPause () Put this method in activity.onPause()
abstract void	onActivityResume () Put this method in activity.onResume()

Methods

init

```
public abstract void init(android.content.Context aContext,  
    CardReaderInfo aInfo,  
    ICardReaderPresenter aPresenter,  
    java.math.BigDecimal aAmount,  
    java.lang.String aCurrency)
```

Do not use this method. It is for internal initialization only. Deprecated. Use `Constructor(ReaderConfigContext aContext)` instead.

Parameters:

aContext - context
aInfo - card reader
aPresenter - presenter
aAmount - amount
aCurrency - currency

onActivityCreated

```
public abstract void onActivityCreated(android.content.Context aContext,  
    android.os.Bundle aSavedInstanceState)
```

Put this in activity.onCreate(...)

Parameters:

(continued from last page)

aContext - context
aSavedInstanceState - state

onActivityPause

```
public abstract void onActivityPause()
```

Put this method in activity.onPause()

onActivityResume

```
public abstract void onActivityResume()
```

Put this method in activity.onResume()

onActivityDestroy

```
public abstract void onActivityDestroy()
```

Put this method in activity.onDestroy()

com.payneteasysdk.reader Interface ICardReaderPresenter

public interface **ICardReaderPresenter**
extends

Method Summary

abstract void	cardReaderStateChanged (CardReaderEvent aEvent) Card reader state changed
abstract void	onAudioData (short[] aBuffer, int aLength) For card data visualization
abstract ProcessingContinuation	onCard (BankCard aBankCard) Card has been entered
abstract void	onCardError (CardError aError) Can't read card data
abstract ConfigurationContinuation	onConfiguration () Requests for configuration
abstract void	onReaderNotSupported (CardReaderProblem aProblem) reader is not supported on this phone
abstract void	onReaderSerialNumber (java.lang.String aSerialNumber) Deprecated

Methods

cardReaderStateChanged

public abstract void **cardReaderStateChanged**([CardReaderEvent](#) aEvent)

Card reader state changed

Parameters:

aEvent - card reader event

onCard

public abstract [ProcessingContinuation](#) **onCard**([BankCard](#) aBankCard)

Card has been entered

Parameters:

aBankCard - bank card

Returns:

decision how to process transaction. if null - do not process transaction

onCardError

```
public abstract void onCardError(CardError aError)
```

Can't read card data

Parameters:

aError - error message

onReaderNotSupported

```
public abstract void onReaderNotSupported(CardReaderProblem aProblem)
```

reader is not supported on this phone

onAudioData

```
public abstract void onAudioData(short[] aBuffer,  
                                int aLength)
```

For card data visualization

Parameters:

aBuffer - contains audio wave

aLength - length

onReaderSerialNumber

```
public abstract void onReaderSerialNumber(java.lang.String aSerialNumber)
```

Deprecated

Parameters:

aSerialNumber - KSN (DUKPT)

onConfiguration

```
public abstract ConfigurationContinuation onConfiguration()
```

Requests for configuration

Returns:

configuration decision server info

com.payneteasy.android.sdk.reader Class ReaderConfigContext

java.lang.Object

↓-com.payneteasy.android.sdk.reader.ReaderConfigContext

public class **ReaderConfigContext**
extends java.lang.Object

Nested Class Summary

class	ReaderConfigContext.Builder ReaderConfigContext.Builder
-------	--

Field Summary

public final	amount
public final	context
public final	currency
public final	presenter
public final	processingService
public final	proprietaryConfig
public final	readerInfo

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

context

public final android.content.Context **context**

readerInfo

public final com.payneteasy.android.sdk.reader.CardReaderInfo **readerInfo**

presenter

public final com.payneteasy.android.sdk.reader.ICardReaderPresenter **presenter**

amount

public final java.math.BigDecimal **amount**

currency

public final java.lang.String **currency**

processingService

public final com.payneteasy.android.sdk.processing.IProcessingService
processingService

proprietaryConfig

public final java.lang.Object **proprietaryConfig**

com.payneteasysdk.reader
Class ReaderConfigContext.Builder

java.lang.Object
└─com.payneteasysdk.reader.ReaderConfigContext.Builder

public static class **ReaderConfigContext.Builder**
extends java.lang.Object

Constructor Summary

public	Builder ()
--------	----------------------------

Method Summary

ReaderConfigContext.Builder	amount (java.math.BigDecimal aAmount)
ReaderConfigContext	build ()
ReaderConfigContext.Builder	context (android.content.Context aContext)
ReaderConfigContext.Builder	currency (java.lang.String aCurrency)
ReaderConfigContext.Builder	presenter (ICardReaderPresenter aPresenter)
ReaderConfigContext.Builder	processingService (IProcessingService aProcessingService)
ReaderConfigContext.Builder	proprietaryConfig (java.lang.Object aProprietaryConfig)
ReaderConfigContext.Builder	readerInfo (CardReaderInfo aReaderInfo)

Methods inherited from class java.lang.Object
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Builder
public **Builder**()

Methods

(continued from last page)

context

```
public ReaderConfigContext.Builder context(android.content.Context aContext)
```

readerInfo

```
public ReaderConfigContext.Builder readerInfo(CardReaderInfo aReaderInfo)
```

presenter

```
public ReaderConfigContext.Builder presenter(ICardReaderPresenter aPresenter)
```

amount

```
public ReaderConfigContext.Builder amount(java.math.BigDecimal aAmount)
```

currency

```
public ReaderConfigContext.Builder currency(java.lang.String aCurrency)
```

processingService

```
public ReaderConfigContext.Builder processingService(IProcessingService  
aProcessingService)
```

proprietaryConfig

```
public ReaderConfigContext.Builder proprietaryConfig(java.lang.Object  
aProprietaryConfig)
```

build

```
public ReaderConfigContext build()
```

Package

**com.payneteasy.android.sdk.reader.miu
rarxtx**

com.payneteasysdk.reader.miurarxtx Class MiuraRxTxReader

java.lang.Object

↳ com.payneteasysdk.reader.miurarxtx.MiuraRxTxReader

All Implemented Interfaces:

IReaderManager

```
public class MiuraRxTxReader
    extends java.lang.Object
    implements IReaderManager
```

Field Summary

public static final	IO_THREAD_JOIN_TIMEOUT Value: 5000
---------------------	--

Constructor Summary

public	MiuraRxTxReader (ReaderConfigContext aReaderContext)
--------	---

Method Summary

void	saveMpiLog (java.io.File aMpiLogFile)
------	---

void	start (ISerialManager aManager) Finds first serial open and use it
------	---

void	start (ISerialPort aPort)
------	---

void	stop ()
------	-------------------------

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface com.payneteasysdk.reader.rxtx.api.IReaderManager

start, stop

Fields

IO_THREAD_JOIN_TIMEOUT

public static final int **IO_THREAD_JOIN_TIMEOUT**

(continued from last page)

Constant value: **5000**

Constructors

MiuraRxTxReader

```
public MiuraRxTxReader(ReaderConfigContext aReaderContext)
```

Methods

start

```
public void start(ISerialManager aManager)  
    throws java.io.IOException,  
           UnsupportedOperationException,  
           SerialPortInUseException,  
           NoSuchSerialPortException
```

Finds first serial open and use it

Throws:

- IOException
- UnsupportedOperationException
- SerialPortInUseException
- NoSuchSerialPortException

start

```
public void start(ISerialPort aPort)  
    throws java.io.IOException,  
           UnsupportedOperationException,  
           SerialPortInUseException,  
           NoSuchSerialPortException
```

stop

```
public void stop()  
    throws java.lang.InterruptedException,  
           java.io.IOException
```

saveMpiLog

```
public void saveMpiLog(java.io.File aMpiLogFile)
```

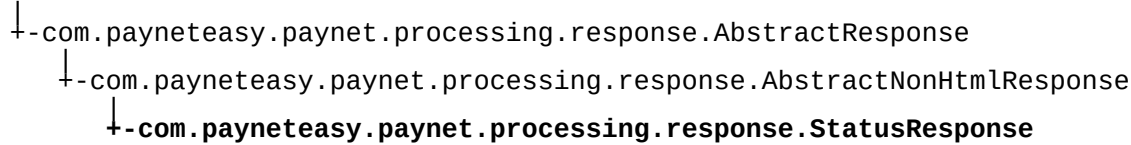
Package

com.payneteasy.paynet.processing.response

com.payneteasy.paynet.processing.response

Class StatusResponse

java.lang.Object



All Implemented Interfaces:

java.io.Serializable, java.io.Serializable, ISerialNumberResponse, IHasStatusAndError

public class **StatusResponse**

extends AbstractNonHtmlResponse

implements IHasStatusAndError, ISerialNumberResponse, java.io.Serializable, java.io.Serializable

Status

Constructor Summary

public	StatusResponse (java.util.UUID aRequestSerialVersion)
--------	---

Method Summary

java.lang.String	get3DVerificationStatus () 3D status
java.lang.String	getAccountNumber () Account Number
java.util.Date	getAcquirerProcessingDate () acquirer bank processing date
java.lang.String	getAddressCity () AddressCity
java.lang.String	getAddressCountryCode () AddressCountryCode
java.lang.String	getAddressStateCode () AddressStateCode
java.lang.String	getAddressStreet () AddressStreet
java.lang.String	getAddressZipCode () AddressZipCode
java.math.BigDecimal	getAmount () Amount
java.lang.String	getAuthApprCode ()

java.lang.String	<u>getAuthCreditCode()</u> Auth Credit Code
java.lang.String	<u>getAuthResponseCode()</u> Authorisation response code
java.lang.String	<u>getAVSResponseCode()</u> AVSResponseCode
java.lang.String	<u>getAVSResponseMessage()</u> AVSResponseMessage
java.lang.String	<u>getBankName()</u> BankName
java.lang.String	<u>getBusinessLoungeProductBrandName()</u> BusinessLoungeProductBrandName
java.lang.String	<u>getBusinessLoungeResponse()</u> BusinessLoungeResponse
java.util.UUID	<u>getByRequestSerial()</u> By Request serial
java.lang.Long	<u>getCardHashId()</u> Source card hash id
java.lang.Long	<u>getCardRefId()</u> CardRefId
java.lang.String	<u>getCreditARN()</u> CreditARN
java.lang.String	<u>getCreditRRN()</u> CreditRRN
java.lang.String	<u>getCurrencyCode()</u> CurrencyCode
java.lang.String	<u>getCustomerEmail()</u> CustomerEmail
java.lang.String	<u>getDebitARN()</u> DebitARN
java.lang.String	<u>getDestinationBankBin()</u> Destination card bank bin
java.lang.String	<u>getDestinationBankName()</u> DestinationBankName
java.lang.Long	<u>getDestinationCardHashId()</u> Destination card hash id
java.lang.String	<u>getDestinationCardLastFourDigits()</u> Destination card last four digit
java.lang.String	<u>getDestinationCardType()</u> Destination card type

java.lang.String	<u>getDestinationPurpose()</u> Destination Purpose
java.lang.String	<u>getDrn()</u> DRN
java.lang.String	<u>getEci()</u> Eci
byte[]	<u>getEmvAppCryptogram_9f26()</u> EMV TAG: 9f26: Application Cryptogram, len=8
java.lang.String	<u>getEmvAppLabel_50()</u> EMV TAG 50: Application label, len=1-16
byte[]	<u>getEmvCid_9f27()</u> EMV TAG 9f27: Cryptogram Information Data (CID), len=1
byte[]	<u>getEmvCvr_9f34()</u> EMV TAG 9f34: CVM Cardholder Verification Method (CVM) Results, len=3
java.lang.String	<u>getEmvIssuerResponse()</u> Emv Issuer response
java.lang.Byte	<u>getEmvPanSequence_5f34()</u> EMV TAG 5f34: Application Primary Account Number (PAN) Sequence Number, len=2
byte[]	<u>getEmvTerminalAid_9f06()</u> EMV TAG 9f06: TERMINAL AID, len=5-16
byte[]	<u>getEmvTvr_95()</u> EMV TAG 95: TVR (terminal verification results), len=5
java.lang.Integer	<u>getExpirationMonth()</u> ExpirationMonth
java.lang.Integer	<u>getExpirationYear()</u> ExpirationYear
java.lang.Boolean	<u>getGatePartialCaptureEnabled()</u> Whether gate supports partial capture
java.lang.Boolean	<u>getGatePartialReversalEnabled()</u> Whether gate supports partial reversal
java.lang.String	<u>getHtml()</u> Html text to show in browser
java.lang.String	<u>getLoyaltyBalance()</u> Loyalty balance amount
java.lang.String	<u>getLoyaltyBonus()</u> Loyalty bonus amount
java.lang.String	<u>getLoyaltyMessage()</u> Loyalty message
java.lang.String	<u>getLoyaltyProgram()</u> Loyalty Programm name

java.lang.String	<u>getMerchantData()</u> MerchantData
java.lang.Boolean	<u>getNeedVerification()</u> Need verification
java.lang.String	<u>getOrderStage()</u> Order stage
java.util.Date	<u>getPaynetProcessingDate()</u> Paynet Processing Date
java.lang.String	<u>getPoliBankReceipt()</u>
java.lang.String	<u>getPoliId()</u>
java.lang.String	<u>getRandomSumCheckVerificationStatus()</u> RSC status
java.lang.String	<u>getRapidaBalance()</u> Rapida balance
java.util.Date	<u>getReaderProcessingDate()</u> Reader processing date
java.lang.String	<u>getReasonCode()</u> ReasonCode
java.lang.String	<u>getReceiptId()</u>
java.lang.String	<u>getReceiverAddress()</u> Receiver address
java.lang.String	<u>getReceiverName()</u> Receiver Name for WU
java.lang.String	<u>getResponseType()</u>
java.math.BigDecimal	<u>getReversalAmount()</u> Reversal Amount
java.lang.String	<u>getReversalComment()</u> ReversalComment
java.lang.String	<u>getRrn()</u>
java.lang.String	<u>getTerminalId()</u> Terminal ID
java.math.BigDecimal	<u>getTotalReversalAmount()</u> Total ReversalAmount
java.lang.String	<u>getTransactionType()</u> Transaction type
void	<u>set3DVerificationStatus()</u> (java.lang.String a3DVerificationStatus)

void	<u>setAccountNumber</u> (java.lang.String aAccountNumber)
void	<u>setAcquirerProcessingDate</u> (java.util.Date aAcquirerProcessingDate)
void	<u>setAddressCity</u> (java.lang.String aAddressCity)
void	<u>setAddressCountryCode</u> (java.lang.String aAddressCountryCode)
void	<u>setAddressStateCode</u> (java.lang.String aAddressStateCode)
void	<u>setAddressStreet</u> (java.lang.String aAddressStreet)
void	<u>setAddressZipCode</u> (java.lang.String aAddressZipCode)
void	<u>setAmount</u> (java.math.BigDecimal aAmount)
void	<u>setAuthApprCode</u> (java.lang.String aAuthApprCode)
void	<u>setAuthCreditCode</u> (java.lang.String aAuthCreditCode)
void	<u>setAuthResponseCode</u> (java.lang.String aAuthResponseCode)
void	<u>setAVSResponseCode</u> (java.lang.String aAVSResponseCode)
void	<u>setAVSResponseMessage</u> (java.lang.String aAVSResponseMessage)
void	<u>setBankName</u> (java.lang.String aBankName)
void	<u>setBusinessLoungeProductBrandName</u> (java.lang.String aBusinessLoungeProductBrandName)
void	<u>setBusinessLoungeResponse</u> (java.lang.String aBusinessLoungeResponse)
void	<u>setByRequestSerial</u> (java.util.UUID aByRequestSerial)
void	<u>setCardHashId</u> (java.lang.Long aCardHashId)
void	<u>setCardRefId</u> (java.lang.Long aCardRefId)
void	<u>setCreditARN</u> (java.lang.String aCreditARN)
void	<u>setCreditRRN</u> (java.lang.String aCreditRRN)
void	<u>setCurrencyCode</u> (java.lang.String aCurrencyCode)
void	<u>setCustomerEmail</u> (java.lang.String aCustomerEmail)
void	<u>setDebitARN</u> (java.lang.String aDebitARN)

void	<u>setDestinationBankBin</u> (java.lang.String aDestinationBankBin)
void	<u>setDestinationBankName</u> (java.lang.String aDestinationBankName)
void	<u>setDestinationCardHashId</u> (java.lang.Long aDestinationCardHashId)
void	<u>setDestinationCardLastFourDigits</u> (java.lang.String aDestinationCardLastFourDigits)
void	<u>setDestinationCardType</u> (java.lang.String aDestinationCardType)
void	<u>setDestinationPurpose</u> (java.lang.String aDestinationPurpose)
void	<u>setDrn</u> (java.lang.String aDrn)
void	<u>setEci</u> (java.lang.String aEci)
void	<u>setEmvAppCryptogram_9f26</u> (byte[] aEmvAppCryptogram_9f26)
void	<u>setEmvAppLabel_50</u> (java.lang.String aEmvAppLabel_50)
void	<u>setEmvCid_9f27</u> (byte[] aEmvCid_9f27)
void	<u>setEmvCvr_9F34</u> (byte[] aEmvCvr_9F34)
void	<u>setEmvIssuerResponse</u> (java.lang.String aEmvIssuerResponse)
void	<u>setEmvPanSequence_5f34</u> (java.lang.Byte aEmvPanSequence_5f34)
void	<u>setEmvTerminalAid_9F06</u> (byte[] aEmvTerminalAid_9F06)
void	<u>setEmvTvr_95</u> (byte[] aEmvTvr_95)
void	<u>setExpirationMonth</u> (java.lang.Integer aExpirationMonth)
void	<u>setExpirationYear</u> (java.lang.Integer aExpirationYear)
void	<u>setGatePartialCaptureEnabled</u> (java.lang.Boolean aGatePartialCaptureEnabled)
void	<u>setGatePartialReversalEnabled</u> (java.lang.Boolean aGatePartialReversalEnabled)
void	<u>setHtml</u> (java.lang.String aHtml)
void	<u>setLoyaltyBalance</u> (java.lang.String aLoyaltyBalance)
void	<u>setLoyaltyBonus</u> (java.lang.String aLoyaltyBonus)

void	<u>setLoyaltyMessage</u> (java.lang.String aLoyaltyMessage)
void	<u>setLoyaltyProgram</u> (java.lang.String aLoyaltyProgram)
void	<u>setMerchantData</u> (java.lang.String aMerchantData)
void	<u>setNeedVerification</u> (java.lang.Boolean aNeedVerification)
void	<u>setOrderStage</u> (java.lang.String aOrderStage)
void	<u>setPaynetProcessingDate</u> (java.util.Date aPaynetProcessingDate)
void	<u>setPoliBankReceipt</u> (java.lang.String aPoliBankReceipt)
void	<u>setPoliId</u> (java.lang.String aPoliId)
void	<u>setRandomSumCheckVerificationStatus</u> (java.lang.String aRandomSumCheckVerificationStatus)
void	<u>setRapidaBalance</u> (java.lang.String aRapidaBalance)
void	<u>setReaderProcessingDate</u> (java.util.Date aReaderProcessingDate)
void	<u>setReasonCode</u> (java.lang.String aReasonCode)
void	<u>setReceiptId</u> (java.lang.String aReceiptId)
void	<u>setReceiverAddress</u> (java.lang.String aReceiverAddress)
void	<u>setReceiverName</u> (java.lang.String aReceiverName)
void	<u>setReversalAmount</u> (java.math.BigDecimal aReversalAmount)
void	<u>setReversalComment</u> (java.lang.String aReversalComment)
void	<u>setRrn</u> (java.lang.String aRrn)
void	<u>setTerminalId</u> (java.lang.String aTerminalId)
void	<u>setTotalReversalAmount</u> (java.math.BigDecimal aTotalReversalAmount)
void	<u>setTransactionType</u> (java.lang.String aTransactionType)
java.lang.String	<u>toString</u> ()

Methods inherited from class `com.payneteasy.paynet.processing.response.AbstractNonHtmlResponse`

```
getBankBin, getCardHolderName, getCardType, getClientOrderId, getCustomerPhone,
getErrorCode, getErrorGroup, getErrorMessage, getGateDescriptor, getLastFourDigits,
getOrderId, getOrderIdOrEmptyString, getRebillId, getStatus,
getTransactionExternalOrderId, setBankBin, setCardHolderName, setCardType,
setClientOrderId, setCustomerPhone, setErrorCode, setErrorGroup, setErrorMessage,
setGateDescriptor, setLastFourDigits, setOrderId, setRebillId, setStatus,
setTransactionExternalOrderId, toString
```

Methods inherited from class com.payneteasy.paynet.processing.response.AbstractResponse

```
getRequestSerialNumber
```

Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Methods inherited from interface

```
com.payneteasy.paynet.processing.response.ISerialNumberResponse
```

```
getRequestSerialNumber
```

Methods inherited from interface com.payneteasy.paynet.processing.response.IHasStatusAndError

```
getStatus
```

Methods inherited from interface com.payneteasy.paynet.processing.response.IHasError

```
getErrorCode, getErrorMessage, setErrorCode, setErrorMessage
```

Constructors

StatusResponse

```
public StatusResponse(java.util.UUID aRequestSerialVersion)
```

Methods

getResponseTypes

```
public java.lang.String getResponseType()
```

getHtml

```
public java.lang.String getHtml()
```

Html text to show in browser

setHtml

```
public void setHtml(java.lang.String aHtml)
```

(continued from last page)

getGatePartialReversalEnabled

```
public java.lang.Boolean getGatePartialReversalEnabled()
```

Whether gate supports partial reversal

setGatePartialReversalEnabled

```
public void setGatePartialReversalEnabled(java.lang.Boolean  
aGatePartialReversalEnabled)
```

getGatePartialCaptureEnabled

```
public java.lang.Boolean getGatePartialCaptureEnabled()
```

Whether gate supports partial capture

setGatePartialCaptureEnabled

```
public void setGatePartialCaptureEnabled(java.lang.Boolean aGatePartialCaptureEnabled)
```

getTransactionType

```
public java.lang.String getTransactionType()
```

Transaction type

setTransactionType

```
public void setTransactionType(java.lang.String aTransactionType)
```

getReceiverName

```
public java.lang.String getReceiverName()
```

Receiver Name for WU

setReceiverName

```
public void setReceiverName(java.lang.String aReceiverName)
```

getReceiverAddress

```
public java.lang.String getReceiverAddress()
```

Receiver address

(continued from last page)

setReceiverAddress

```
public void setReceiverAddress(java.lang.String aReceiverAddress)
```

getReceiptId

```
public java.lang.String getReceiptId()
```

setReceiptId

```
public void setReceiptId(java.lang.String aReceiptId)
```

getRrn

```
public java.lang.String getRrn()
```

setRrn

```
public void setRrn(java.lang.String aRrn)
```

getAuthApprCode

```
public java.lang.String getAuthApprCode()
```

setAuthApprCode

```
public void setAuthApprCode(java.lang.String aAuthApprCode)
```

getOrderStage

```
public java.lang.String getOrderStage()
```

Order stage

setOrderStage

```
public void setOrderStage(java.lang.String aOrderStage)
```

getPoliId

```
public java.lang.String getPoliId()
```

(continued from last page)

setPoliId

```
public void setPoliId(java.lang.String aPoliId)
```

getPoliBankReceipt

```
public java.lang.String getPoliBankReceipt()
```

setPoliBankReceipt

```
public void setPoliBankReceipt(java.lang.String aPoliBankReceipt)
```

getLoyaltyBonus

```
public java.lang.String getLoyaltyBonus()
```

Loyalty bonus amount

setLoyaltyBonus

```
public void setLoyaltyBonus(java.lang.String aLoyaltyBonus)
```

getLoyaltyProgram

```
public java.lang.String getLoyaltyProgram()
```

Loyalty Programm name

setLoyaltyProgram

```
public void setLoyaltyProgram(java.lang.String aLoyaltyProgram)
```

getLoyaltyBalance

```
public java.lang.String getLoyaltyBalance()
```

Loyalty balance amount

setLoyaltyBalance

```
public void setLoyaltyBalance(java.lang.String aLoyaltyBalance)
```

(continued from last page)

getLoyaltyMessage

```
public java.lang.String getLoyaltyMessage()
```

Loyalty message

setLoyaltyMessage

```
public void setLoyaltyMessage(java.lang.String aLoyaltyMessage)
```

getRapidaBalance

```
public java.lang.String getRapidaBalance()
```

Rapida balance

setRapidaBalance

```
public void setRapidaBalance(java.lang.String aRapidaBalance)
```

getEmvIssuerResponse

```
public java.lang.String getEmvIssuerResponse()
```

Emv Issuer response

setEmvIssuerResponse

```
public void setEmvIssuerResponse(java.lang.String aEmvIssuerResponse)
```

getAuthResponseCode

```
public java.lang.String getAuthResponseCode()
```

Authorisation response code

setAuthResponseCode

```
public void setAuthResponseCode(java.lang.String aAuthResponseCode)
```

toString

```
public java.lang.String toString()
```

getDestinationBankBin

```
public java.lang.String getDestinationBankBin()
```

(continued from last page)

Destination card bank bin

setDestinationBankBin

```
public void setDestinationBankBin(java.lang.String aDestinationBankBin)
```

getDestinationCardLastFourDigits

```
public java.lang.String getDestinationCardLastFourDigits()
```

Destination card last four digit

setDestinationCardLastFourDigits

```
public void setDestinationCardLastFourDigits(java.lang.String  
aDestinationCardLastFourDigits)
```

getDestinationCardType

```
public java.lang.String getDestinationCardType()
```

Destination card type

setDestinationCardType

```
public void setDestinationCardType(java.lang.String aDestinationCardType)
```

getAmount

```
public java.math.BigDecimal getAmount()
```

Amount

setAmount

```
public void setAmount(java.math.BigDecimal aAmount)
```

getCustomerEmail

```
public java.lang.String getCustomerEmail()
```

CustomerEmail

setCustomerEmail

```
public void setCustomerEmail(java.lang.String aCustomerEmail)
```

(continued from last page)

getReversalComment

```
public java.lang.String getReversalComment()
```

ReversalComment

setReversalComment

```
public void setReversalComment(java.lang.String aReversalComment)
```

getMerchantData

```
public java.lang.String getMerchantData()
```

MerchantData

setMerchantData

```
public void setMerchantData(java.lang.String aMerchantData)
```

getReasonCode

```
public java.lang.String getReasonCode()
```

ReasonCode

setReasonCode

```
public void setReasonCode(java.lang.String aReasonCode)
```

getExpirationMonth

```
public java.lang.Integer getExpirationMonth()
```

ExpirationMonth

setExpirationMonth

```
public void setExpirationMonth(java.lang.Integer aExpirationMonth)
```

getExpirationYear

```
public java.lang.Integer getExpirationYear()
```

ExpirationYear

setExpirationYear

```
public void setExpirationYear(java.lang.Integer aExpirationYear)
```

(continued from last page)

getBankName

```
public java.lang.String getBankName()
```

BankName

setBankName

```
public void setBankName(java.lang.String aBankName)
```

getDestinationBankName

```
public java.lang.String getDestinationBankName()
```

DestinationBankName

setDestinationBankName

```
public void setDestinationBankName(java.lang.String aDestinationBankName)
```

getByRequestSerial

```
public java.util.UUID getByRequestSerial()
```

By Request serial

setByRequestSerial

```
public void setByRequestSerial(java.util.UUID aByRequestSerial)
```

getTerminalId

```
public java.lang.String getTerminalId()
```

Terminal ID

setTerminalId

```
public void setTerminalId(java.lang.String aTerminalId)
```

getPaynetProcessingDate

```
public java.util.Date getPaynetProcessingDate()
```

Paynet Processing Date

(continued from last page)

setPaynetProcessingDate

```
public void setPaynetProcessingDate(java.util.Date aPaynetProcessingDate)
```

getAcquirerProcessingDate

```
public java.util.Date getAcquirerProcessingDate()
```

acquirer bank processing date

setAcquirerProcessingDate

```
public void setAcquirerProcessingDate(java.util.Date aAcquirerProcessingDate)
```

getReaderProcessingDate

```
public java.util.Date getReaderProcessingDate()
```

Reader processing date

setReaderProcessingDate

```
public void setReaderProcessingDate(java.util.Date aReaderProcessingDate)
```

getEmvTerminalAid_9F06

```
public byte[] getEmvTerminalAid_9F06()
```

EMV TAG 9F06: TERMINAL AID, len=5-16

setEmvTerminalAid_9F06

```
public void setEmvTerminalAid_9F06(byte[] aEmvTerminalAid_9F06)
```

getEmvTvr_95

```
public byte[] getEmvTvr_95()
```

EMV TAG 95: TVR (terminal verification results), len=5

setEmvTvr_95

```
public void setEmvTvr_95(byte[] aEmvTvr_95)
```

getEmvAppLabel_50

```
public java.lang.String getEmvAppLabel_50()
```

(continued from last page)

EMV TAG 50: Application label, len=1-16

setEmvAppLabel_50

```
public void setEmvAppLabel_50(java.lang.String aEmvAppLabel_50)
```

getEmvCvr_9F34

```
public byte[] getEmvCvr_9F34()
```

EMV TAG 9F34: CVM Cardholder Verification Method (CVM) Results, len=3

setEmvCvr_9F34

```
public void setEmvCvr_9F34(byte[] aEmvCvr_9F34)
```

getEmvPanSequence_5f34

```
public java.lang.Byte getEmvPanSequence_5f34()
```

EMV TAG 5f34: Application Primary Account Number (PAN) Sequence Number, len=2

setEmvPanSequence_5f34

```
public void setEmvPanSequence_5f34(java.lang.Byte aEmvPanSequence_5f34)
```

getEmvCid_9f27

```
public byte[] getEmvCid_9f27()
```

EMV TAG 9f27: Cryptogram Information Data (CID), len=1

setEmvCid_9f27

```
public void setEmvCid_9f27(byte[] aEmvCid_9f27)
```

getEmvAppCryptogram_9f26

```
public byte[] getEmvAppCryptogram_9f26()
```

EMV TAG: 9f26: Application Cryptogram, len=8

setEmvAppCryptogram_9f26

```
public void setEmvAppCryptogram_9f26(byte[] aEmvAppCryptogram_9f26)
```

(continued from last page)

getDrn

```
public java.lang.String getDrn()
```

DRN

setDrn

```
public void setDrn(java.lang.String aDrn)
```

getAuthCreditCode

```
public java.lang.String getAuthCreditCode()
```

Auth Credit Code

setAuthCreditCode

```
public void setAuthCreditCode(java.lang.String aAuthCreditCode)
```

getNeedVerification

```
public java.lang.Boolean getNeedVerification()
```

Need verification

setNeedVerification

```
public void setNeedVerification(java.lang.Boolean aNeedVerification)
```

getCardHashId

```
public java.lang.Long getCardHashId()
```

Source card hash id

setCardHashId

```
public void setCardHashId(java.lang.Long aCardHashId)
```

getDestinationCardHashId

```
public java.lang.Long getDestinationCardHashId()
```

Destination card hash id

setDestinationCardHashId

```
public void setDestinationCardHashId(java.lang.Long aDestinationCardHashId)
```

(continued from last page)

getCurrencyCode

```
public java.lang.String getCurrencyCode()
```

CurrencyCode

setCurrencyCode

```
public void setCurrencyCode(java.lang.String aCurrencyCode)
```

getReversalAmount

```
public java.math.BigDecimal getReversalAmount()
```

Reversal Amount

setReversalAmount

```
public void setReversalAmount(java.math.BigDecimal aReversalAmount)
```

getTotalReversalAmount

```
public java.math.BigDecimal getTotalReversalAmount()
```

Total ReversalAmount

setTotalReversalAmount

```
public void setTotalReversalAmount(java.math.BigDecimal aTotalReversalAmount)
```

getCardRefId

```
public java.lang.Long getCardRefId()
```

CardRefId

setCardRefId

```
public void setCardRefId(java.lang.Long aCardRefId)
```

getBusinessLoungeResponse

```
public java.lang.String getBusinessLoungeResponse()
```

BusinessLoungeResponse

(continued from last page)

setBusinessLoungeResponse

```
public void setBusinessLoungeResponse(java.lang.String aBusinessLoungeResponse)
```

getBusinessLoungeProductBrandName

```
public java.lang.String getBusinessLoungeProductBrandName()
```

BusinessLoungeProductBrandName

setBusinessLoungeProductBrandName

```
public void setBusinessLoungeProductBrandName(java.lang.String  
aBusinessLoungeProductBrandName)
```

get3DVerificationStatus

```
public java.lang.String get3DVerificationStatus()
```

3D status

set3DVerificationStatus

```
public void set3DVerificationStatus(java.lang.String a3DVerificationStatus)
```

getRandomSumCheckVerificationStatus

```
public java.lang.String getRandomSumCheckVerificationStatus()
```

RSC status

setRandomSumCheckVerificationStatus

```
public void setRandomSumCheckVerificationStatus(java.lang.String  
aRandomSumCheckVerificationStatus)
```

getCreditRRN

```
public java.lang.String getCreditRRN()
```

CreditRRN

setCreditRRN

```
public void setCreditRRN(java.lang.String aCreditRRN)
```

(continued from last page)

getCreditARN

```
public java.lang.String getCreditARN()
```

CreditARN

setCreditARN

```
public void setCreditARN(java.lang.String aCreditARN)
```

getDebitARN

```
public java.lang.String getDebitARN()
```

DebitARN

setDebitARN

```
public void setDebitARN(java.lang.String aDebitARN)
```

getDestinationPurpose

```
public java.lang.String getDestinationPurpose()
```

Destination Purpose

setDestinationPurpose

```
public void setDestinationPurpose(java.lang.String aDestinationPurpose)
```

getAVSResponseCode

```
public java.lang.String getAVSResponseCode()
```

AVSResponseCode

setAVSResponseCode

```
public void setAVSResponseCode(java.lang.String aAVSResponseCode)
```

getAVSResponseMessage

```
public java.lang.String getAVSResponseMessage()
```

AVSResponseMessage

setAVSResponseMessage

```
public void setAVSResponseMessage(java.lang.String aAVSResponseMessage)
```

(continued from last page)

getAddressStreet

```
public java.lang.String getAddressStreet()
```

AddressStreet

setAddressStreet

```
public void setAddressStreet(java.lang.String aAddressStreet)
```

getAddressZipCode

```
public java.lang.String getAddressZipCode()
```

AddressZipCode

setAddressZipCode

```
public void setAddressZipCode(java.lang.String aAddressZipCode)
```

getAddressCity

```
public java.lang.String getAddressCity()
```

AddressCity

setAddressCity

```
public void setAddressCity(java.lang.String aAddressCity)
```

getAddressCountryCode

```
public java.lang.String getAddressCountryCode()
```

AddressCountryCode

setAddressCountryCode

```
public void setAddressCountryCode(java.lang.String aAddressCountryCode)
```

getAddressStateCode

```
public java.lang.String getAddressStateCode()
```

AddressStateCode

(continued from last page)

setAddressStateCode

```
public void setAddressStateCode(java.lang.String aAddressStateCode)
```

getEci

```
public java.lang.String getEci()
```

Eci

setEci

```
public void setEci(java.lang.String aEci)
```

getAccountNumber

```
public java.lang.String getAccountNumber()
```

Account Number

setAccountNumber

```
public void setAccountNumber(java.lang.String aAccountNumber)
```

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valueOf 8, 25, 27, 48, 61, 70, 76, 79
values 8, 24, 27, 48, 60, 70, 76, 78