Document Information

This document was automatically generated from an update to the OSCDE (Open Source Care Data Exchange) code package by Odysseas Pentakalos (odysseas at sysnetint dot com). An XMI file and an Enterprise Architect (SparxSystems) 'EAP' file are included as well. (20080602 | Stuart Turner | swturner at ucdavis dot edu)

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Data Model Detail

This document provides an overview of the data model. For simpler and more focused reports, simply copy this initial template and turn off the sections not required.

Package com Created on 6/4/2008. Last modified on 6/4/2008.

Package carescience Created on 6/4/2008. Last modified on 6/4/2008.

Address

Java, Stereotype: , Package: data Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	address1_	int							
	address2_	int							
	addressType_	int							
	city_	int							
	country_ endDate_	int							
	endDate_	int						-1L	
	parishCode_	int							
	startDate	int						-IL	
	state_Province_	int							
	zip_	int							

<u>Constraints</u>				
Name	Type	Columns	Initial Code	Notes
Address	Public	documentHeader		
Address	Public	address1 address2 city state zip		
Address	Public	documentHeader address1 address2 city state zip		
Address	Public			
equals	Public	obj		
getAddress1	Public			
getAddress2	Public			
getAddressType	Public			
getCity	Public			
getCountry	Public			
getEndDate	Public			
getParishCode	Public			
getStartDate	Public			
getState	Public			
getZipCode	Public			
hashCode	Public			
setAddress1	Public	newAddress1		
setAddress2	Public	newAddress2		
setAddressType	Public	newAddressType		
setCity	Public	newCity		
setCountry	Public	newCountry		
setEndDate	Public	date		
setParishCode	Public	parishCode		
setStartDate	Public	date		
setState	Public	newState		
setZipCode	Public	newZip		

<u>Relationships</u>				
Columns	Association		Notes	
		Address.		

DateOfBirth

Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	dob	int							
onstraints									
Name		Type		Columns		Initial Code		Notes	
DateOfBirth		Public							
DateOfBirth		Public		documentHeader					
DateOfBirth		Public		documentHeader dob					
DateOfBirth		Public		dob					
equals		Public		obj					
getDOB		Public							
nashCode		Public							
sValid		Public							
setDOB		Public		dob					

Columns A	ciation	Notes
	DateOfBirth. TransientObject.	

DocumentHeader

Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Columns									
PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ackType	int							
	appAckType	int							
	continuationPtr	int							
	eventCode	int							
	messageControlID	int							
	messageStructure	int							
	messageType_	int							
	msøDate	int							

equals		Public	obj			
DocumentHeader		Public				
Name		Type	Columns	Initial Code	Notes	
Constraints						
trig	gerEvent_	int				
sequ		int				
sene	dingFacility_	int				
sene	dingApplication_	int				
rece	eivingFacility	int				
rece	eivingApplication_	int				
msg	gSecurity	int				

<u>Constraints</u>				
Name	Type	Columns	Initial Code	Notes
DocumentHeader	Public			
equals	Public	obj		
getAcceptAckType	Public			
getApplicationAckType	Public			
getContinuationPointer	Public			
getEventCode	Public			
getMessageControlID	Public			
getMessageDate	Public			
getMessageSecurity	Public			
getMessageStructure	Public			
getMessageType	Public			
getReceivingApplication	Public			
getReceivingFacility	Public			
getSendingApplication	Public			
getSendingFacility	Public			
getSequenceNumber	Public			
getTriggerEvent	Public			
isValid	Public			
setAcceptAckType	Public	ack		
setApplicationAckType	Public	app_Ack		
setContinuationPointer	Public	ptr_Val		
setEventCode	Public	eventCode		
setMessageControlID	Public	ID		
setMessageDate	Public	aDate		
setMessageSecurity	Public	security		
setMessageStructure	Public	message_Struct_data		
setMessageType	Public	type_Data		
setReceivingApplication	Public	receivingApp		
setReceivingFacility	Public	receivingFacility		
setSendingApplication	Public	sendingApp		
setSendingFacility	Public	sendingFacility		
setSequenceNumber	Public	seq_Num		
setTriggerEvent	Public	event_Data		

<u>Relationships</u>		
Columns	Association	Notes
	DocumentHeader.	
	TransientObject.	

DomainIdentifier

Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Columns	Initial Code	Notes	
DomainIdentifier	Public				
DomainIdentifier	Public	namespaceID			
DomainIdentifier	Public	namespaceID universaIID universaIIDType			
DomainIdentifier	Public	documentHeader namespaceID universalID universalIDType			
equals	Public	obj			
getNameSpaceID	Public				
getUniversalID	Public				
getUniversalIDType	Public				
hashCode	Public				
sValid	Public				
setNameSpaceID	Public	newNameSpaceID			
setUniversalID	Public	newUniversalID			
setUniversalIDType	Public	new_type			

Relationships			
Columns	Association		Notes
		DomainIdentifier.	
		TransientObject.	

Drivers License
Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Columns									
PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	issueDate_	int							
	issuingState	int							
	Linear Normalism	ine							

Constraints				
Name		Columns	Initial Code	Notes
DriversLicense	Public			
DriversLicense	Public	documentHeader		
DriversLicense	Public	documentHeader licenseNumber issuingState issueDate		
equals	Public	obj		
getIssueDate	Public			
getNumber	Public			
getState	Public			
hashCode	Public			
setIssueDate	Public	date		
setNumber	Public	license		

setState		Public		state					
<u>Relationships</u>									
Columns		Association D	riversLicense.					Notes	
		Т	ansientObject.						
EmailAddress Database: Java, Stereo	otine: Package: data								
Detail: Created on Notes:	otype: , Package: data 6/4/2008. Last modified on	5/4/2008.							
Columns PK									
PK	Name emailAddress	Type int	Not Null	Unique	Len	Prec	Scale	Init	Notes
Constraints		T m		161		Initial Code		15.	
Name EmailAddress		Type Public		documentHeader		Initial Code		Notes	
EmailAddress		Public		documentHeader					
EmailAddress		Public		emailAddress					
equals		Public		obj					
getEmailAddress setEmailAddress		Public Public		emailAddress					
Relationships Columns		Association	nailAddress.					Notes	
		T	ansientObject.						
EthnicGroup									
Detail: Created on	otype: , Package: data 6/4/2008. Last modified on	5/4/2008.							
Notes:									
<u>Constraints</u> Name		Туре		Columns		Initial Code		Notes	
equals		Public		obj					
EthnicGroup EthnicGroup		Public Public		documentHeader					
				documentHeader					
EthnicGroup		Public		value					
Relationships Columns		Association						Notes	
Columns		E P	hnicGroup. ersonDataElement.					110163	
EventData									
	otype: , Package: data 6/4/2008. Last modified on	5/4/2008							
Detail: Created on Notes:	6/4/2008. Last moutytea on t	0/4/2008.							
PK Columns	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	eventDate eventFacility	int int							
	reasonCode	int							
	typeCode	int							
Constraints	typeCode								
Name getEventDate	typeCode	Type Public		Columns		Initial Code		Notes	
Name getEventDate getEventFacility getReasonCode	typeCode	Type Public Public Public		Columns		Initial Code		Notes	
Name getEventDate getEventFacility	typeCode	Type Public Public		Columns		Initial Code		Notes	
Name getEventDate getEventFacility getReasonCode getTypeCode	typeCode	Type Public Public Public Public				Initial Code		Notes	
Name getEventDate getEventFacility getReasonCode getTypeCode setEventDate	typeCode	Type Public Public Public Public Public Public		dt eventFacility reasonCode		Initial Code		Notes	
Name getEventDate getEventFacility getReasonCode getTypeCode setEventDate setEventFacility	ltypeCode	Type Public Public Public Public Public Public Public		dt eventFacility		Initial Code		Notes	
Name getEventDate getEventFacility getReasonCode getTypeCode setEventDate setEventFacility setReasonCode	ltypeCode	Type Public Public Public Public Public Public Public Public		dt eventFacility reasonCode		Initial Code		Notes	
Name getEventDate getEventDate getEventFacility getReasonCode getTypeCode setEventDate setEventDate setEventDate setReasonCode setTypeCode		Type Public		dt eventFacility reasonCode		Initial Code		Notes	
Name getEventDate getEventDate getEventFacility getReasonCode getTypeCode setEventDate setEventDate setEventDate setReasonCode setTypeCode	popper , Package: data 6/4/2008. Last modified on	Type Public		dt eventFacility reasonCode		Initial Code		Notes	
Name geff-ventDate geff-ventFacility geff-ventDate geff-ventDate geff-ventDate seff-ventDate seff-ve		Type Public		dt eventFacility reasonCode typeCode					
Name gefEventDate gefEventTacility gefEventTacility gefEventTacility gefReasonCode gefTypeCode setEventFacility setReasonCode setTypeCode SetTypeCode Gender Database: Java, Steree Database: Java, Steree Database: Created on Notes:		Type Public		dt eventFacility reasonCode		Initial Code		Notes	
Name geff-ventDate geff-ventDate geff-ventDate geff-ventDate geff-ventDate setEventFacility setReasonCode setTypeCode setTypeCode setTypeCode setTypeCode setTypeCode SetReasonCode setTypeCode Cender Database: Java, Seree Detail: Created on Notes: Constraints Name cquals Gender		Type Poblic Poblic Public Public Public Public Public Public Public Public Public Type Public Type Public Type Public		dt eventFacility reasonCode lypeCode Columns obj					
Name getEventDate getEventTacility getEventTacility getReasonCode getTypeCode setEventTacility setReasonCode setTypeCode setTypeCode SetTypeCode SetTypeCode SetTypeCode SetTypeCode SetTypeCode Conder Database: Java, Steree Database: Created on Notes: Constraints Name equals		Type Public		dt eventFacility reasonCode typeCode Columns obj documentHeader					
Name geff-ventDate geff-ventDate geff-ventDate geff-ventDate geff-ventDate setEventFacility setReasonCode setTypeCode setTypeCode setTypeCode setTypeCode setTypeCode SetReasonCode setTypeCode Cender Database: Java, Seree Detail: Created on Notes: Constraints Name cquals Gender		Type Poblic Poblic Public Public Public Public Public Public Public Public Public Type Public Type Public Type Public		dt eventFacility reasonCode lypeCode Columns obj					
Name gerEventlate gerEventlate gerEventlate gerEventlate gerEventlate gerEventlate serEventlate Serendlate Serend		Type Pablic Pablic Public		dt eventFacility reasonCode typeCode Columns obj documentHender documentHender				Notes	
Name getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate setVentlate		Type Public	ender.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender					
Name geteventacitity geteventacitity geteventacitity geteventacitity geteventacitity geteventacitity settleventacitity s		Type Public	ender.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender				Notes	
Name getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate setVentlate s	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Association G Public Public	ender. rsonDataElement.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender				Notes	
Name getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate getVentlate setVentlate s		Type Public Association G Public Public	ender.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender				Notes	
Name equals Gender Constraints Name Gender Constraints Relationships Gender Gender Gender Constraints Name Coulon Gender Gender Gender Gender Gender Gender Gender Gender Gender Constraints Name Coulon Gender Constraints Created on Notes: Covered on Notes: Covered on Notes: Covered on Covered on Notes:	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Association G Public Public	ender: rsonDataElement.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender				Notes	
Name cquals Gender Name	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Type Public Public Public Grant Gra	ender. rsonDataElement	dt eventFacility reasonCode typeCode Columns obj documenHeader documenHeader value Columns				Notes	
Name getEventDate getEventTacility getEventTacility getEventTacility getEventTacility getEventTacility setReasonCode getTypeCode setEventTacility setReasonCode setTypeCode Cender Detail: Database: Detail: Notes: Lava, Seree Countstaints Name coquals Gender Gender Gender Gender Gender Gender Gender Gender Countstaints MaritalStatus Database: Dava, Seree Detail: Countstaints Name Countstaints Notes: Created on Notes: Created on Notes: Created on	popper , Fackage: data 6/4/2008. Last modified on t	Type Poblic Public	ender.	dt dv eventFacility reasonCode typeCode Columns obj documentHeader documentHeader value		Initial Code		Notes	
Name cquals Gender Name	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Type Public Public Public Grant Gra	ender. rsonDutaElement	dt eventFacility reasonCode typeCode Columns obj documenHeader documenHeader value Columns		Initial Code		Notes	
Name gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity serievent acitity serieve	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Publ	ender. rsonDataElement	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name gesteventarion gesteventarion gesteventarion gesteventarion gesteventarion gesteventarion setteventarion s	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Type Public	ender. rsonDataElement.	dt eventFacility reasonCode typeCode Columns obj documentHeader documentHeader value Columns obj documentHeader documentHeader documentHeader documentHeader		Initial Code		Notes	
Name gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity serievent acitity serieve	popper , Fackage: data 6/4/2008. Last modified on t	Type	rsonDataElement.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name geteventracitity geteventracitity geteventracitity geteventracitity geteventracitity geteventracitity settlessentracitity	popper , Fackage: data 6/4/2008. Last modified on t	Type Public Association Association Association Association Association Association Association Association	ender. rsonDataElement. aritalStatus. rsonDataElement.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name getiventarious getiventarious getiventarious getiventarious getiventarious getiventarious settiventarious	ooper , Package data 6/4/2008. Last modified on s poper , Package data 6/4/2008. Last modified on s	Type	arital Status.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity serievent acitity serieve	ooper , Package data 6/4/2008. Last modified on s poper , Package data 6/4/2008. Last modified on s	Type	arital Status.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name squals Java, Steree Java, S	ooppe: , Fackage: data 6/4/2008. Last modified on to ooppe: , Fackage: data 6/4/2008. Last modified on to	Type	arital Status.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender		Initial Code		Notes	
Name gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity gerievent acitity serievent acitity serieve	popper , Package: data 6/4/2008. Last modified on the compact of t	Type	arital Status.	dt eventFacility reasonCode typeCode Columns obj documentHender documentHender value Columns obj documentHender documentHender documentHender	Lea	Initial Code	Scale	Notes	Notes
Name squals Java, Steree Java, S	popper , Package: data 6/4/2008. Last modified on the first popper	Type	aritalStatus	dt eventfacility reasonCode typeCode Columns obj documentHeader documentHeader value Columns obj documentHeader value	Len	Initial Code	Scale	Notes Notes Notes	Notes
Name squals Java, Steree Java, S	onpe: , Fackage: data 6i4/2008. Last modified on v onpe: , Package: data 6i4/2008. Last modified on v onpe: , Package: data 6i4/2008. Last modified on v Name ackType:	Type	aritalStatus	dt eventfacility reasonCode typeCode Columns obj documentHeader documentHeader value Columns obj documentHeader value	Len	Initial Code	Scale	Notes Notes Notes	Notes

MESSAGE_STRUCT	TUR int			"CM_MSG_TYPE.3"	
MESSAGE TYPE	int			"CM_MSG_TYPE.1"	
msgControlID	int				
msgDate_	int				
msgSecurity	int				
receiving Application_	int				
receivingFacility_ sendingApplication_	int				
sendingApplication	int				
sendingFacility_	int				
sequenceNumber	int				
TRIGGER_EVENT	int			"CM_MSG_TYPE.2"	

Constraints		
Constraints		

Name	Torre	Columns	Initial Code	Notes
	Type	Columns	Initial Code	Notes
createHeaderDocument	Private			
createTextNode	Private	theDoc nodeName nodeValue		
getAcceptAckType	Public			
getApplicationAckType	Public			
getContinuationPointer	Public			
getEventCode	Public			
getMessageControlID	Public			
getMessageDate	Public			
getMessageSecurity	Public			
getMessageStructure	Public			
getMessageType	Public			
getReceivingApplication	Public			
getReceivingFacility	Public			
getSendingApplication	Public Public			
getSendingFacility	Public			
getSequenceNumber	Public			
getTriggerEvent getXMLHeader	Public			
MessageHeaderInfo	Public			
		in		
readExternal	Public			
setAcceptAckType	Public	ack		
setApplicationAckType	Public	app_Ack		
setContinuationPointer	Public	ptr_Val		
setEventCode	Public	eventCode		
setMessageControlID	Public	ID		
setMessageDate	Public	aDate		
setMessageSecurity	Public	security		
setMessageStructure	Public	message_Struct_data		
setMessageType	Public	type_Data		
setReceivingApplication	Public	receivingApp		
setReceivingFacility	Public	receivingFacility		
setSendingApplication	Public	sendingApp		
setSendingFacility	Public	sendingFacility		
setSequenceNumber	Public	seq_Num		
setTriggerEvent	Public	event_Data		
setXMLHeader	Public			
writeExternal	Public	out		

Nationality
Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Lonstraints				
Name		Columns	Initial Code	Notes
equals	Public	obj		
Nationality	Public	documentHeader		
Nationality	Public	documentHeader value		

· .					
Relationships Columns	Association			Notes	
Columns	Association	Nationality.		Notes	

Java, Stereotype: , Package: data Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	addresses	int						new ArrayList()	
	birthPlace	int							
	crap1	EventData						new EventData()	
	crap2	MessageHeaderInfo						new MessageHeaderInt	o()
	dobs	int						new ArrayList()	
	documentHeaders_	int						new ArrayList()	
	driversLicenses	int						new ArrayList()	
	emailAddresses	int						new ArrayList()	
	ethnicGroups_	int						new ArrayList()	
	expired	int						false	
	genders_	int						new ArrayList()	
	isProvider	int						false	
	maidenName	PersonName							
	maritalStatii	int						new ArrayList()	
	names	int						new ArrayList()	
	nameSearchKey_	int							
	nationality	int							
	personIds_	int						new ArrayList()	
	primaryLanguage	int							
	races	int						new ArrayList()	
	religions_	int						new ArrayList()	
	ssns	int						new ArrayList()	
	telephoneNumbers	int						new ArrayList()	

Constraints				
Name	Type	Columns	Initial Code	Notes
addAddress	Public	newAddress		
addDateOfBirth	Public	dob		
addDocumentHeader	Public	newDocumentHeader		
addDriversLicense	Public	newDriversLicense		
addEmailAddress	Public	newEmailAddress		
addEthnicGroup	Public	newEthnicGroup		
addGender	Public	newGender		

		newMaritalStatus	
addMaritalStatus	Public		
addName	Public	newName	
addPersonIdentifier	Public	newPersonIdentifier	
		newRace	
addRace	Public		
addReligion	Public	newReligion	
addSocialSecurityNumber	Public	ssn	
addTelephoneNumber	Public	newTelephoneNumber	
		person	
checkDomain	Public	person	
clearAddresses clearDocumentHeaders	Public Public		
clearDriversLicenses	Public		
clearEmailAddresses	Public		
clearEthnicGroups	Public		
clearGenders clearMaritalStatii	Public Public		
clearNames	Public		
clearPersonIdentifiers	Public		
clearRaces	Public		
clearReligions	Public		
clearTelephoneNumbers	Public	obj	
equals	Public	· · ·	
getAddresses	Public	docHeader	
getAttributesByDocumentHeader	Public	uoca scandii	
getBirthPlace	Public		
getDatesOfBirth	Public		
getDocumentHeaders getDriversLicenses	Public Public		
getEmailAddresses	Public		
getEthnicGroups	Public		
getGenders	Public		
getMaidenName getMaritalStatii	Public Public		
getNames	Public		
getNameSearchKey	Public		
getNationality	Public		
getPersonIdentifiers	Public		
getPrimaryLanguage getRaces	Public Public		
getReligions	Public		
getSocialSecurityNumbers	Public		
getTelephoneNumbers	Public		
hashCode	Public Public		
isExpired isProvider	Public		
isValid	Public		
printDetails	Public		
removeAddress	Public	address	
removeDateOfBirth	Public	dob	
removeDocumentHeader	Public	documentHeader	
removeDriversLicense	Public	driversLicense	
removeEmailAddress	Public	emailAddress	
removeEthnicGroup	Public	ethnicGroup	
removeGender	Public	gender	
removeMaritalStatus	Public	mStatus	
removeName	Public	name	
removePersonIdentifier	Public	personid	
removeRace	Public	гасе	
removeReligion	Public	religion	
removeSocialSecurityNumber	Public	ssn	
removeTelephoneNumber	Public	telephoneNumber	
setBirthPlace	Public	newBirthPlace	
setExpired	Public	value	
setMaidenName	Public	name	
setNameSearchKey	Public	newNameSearchKey	
setNationality	Public	newNationality	
setPrimaryLanguage	Public	newPrimaryLanguage	
setProvider	Public	value	
updatePerson	Public	person	

-				
Relationships				
Relationships Columns	Association		Notes	
	Perso	n.		
		ientObject		

PersonDataElement
Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

olumns		

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	createdDate	int							
	expired_	int							
	expiredDate	int							
	sizeOfValue	int							
	value	int							

Constraints				
Name	Type	Columns	Initial Code	Notes
equals	Public	obj		
getCreatedDate	Public			
getExpiredDate	Public			
getSizeOfValue	Public			
getValue	Public			
hashCode	Public			
isExpired	Public			
setCreatedDate	Public	newCreatedDate		
setExpired	Public	newExpired		
setExpiredDate	Public	newExpiredDate		
setSizeOfValue	Public	newSizeOfValue		
setValue	Public	newValue		

<u>Kennionsnips</u>		
Columns	Association	Notes

PersonDataElement. TransientObject.	
Religion. PersonDataElement.	
Race. PersonDataElement.	
Nationality. PersonDataElement.	
MaritalStatus. PersonDataElement.	
Gender. PersonDataElement.	
EthnicGroup. PersonDataElement.	

PersonIdentifier

Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	assigningAuthority_	DomainIdentifier							
	assigningFacility	DomainIdentifier							
	corpId_	int							
	effectiveDate	int						-1	
	expirationDate	int						-1	
	id	int							
	identifierTypeCode	int							
	patientConsent_	int						true	

Constraints		le.	1.9216.1	l N .
Name	Type Public	Columns	Initial Code	Notes
equals	Public	obj		
getAssigningAuthority	Public			
getAssigningFacility	Public			
getCorpId	Public			
getEffectiveDate	Public			
getExpirationDate	Public			
getId	Public			
getIdentifierTypeCode	Public			
getPatientConsent	Public			
getUpdatedCorpId	Public			
hashCode	Public			
isValid	Public			
PersonIdentifier	Public			
PersonIdentifier	Public	id assigningAuthority assigningFacility identifierTypeCode		
PersonIdentifier	Public	documentHeader id assigningAuthority assigningFacility identifierTypeCode		
setAssigningAuthority	Public	newAssigningAuthority		
setAssigningFacility	Public	newAssigningFacility		
setCorpId	Public	newId		
setEffectiveDate	Public	date		
setExpirationDate	Public	date		
setId	Public	newId		
setIdentifierTypeCode	Public	newIdentifierTypeCode		
setPatientConsent	Public	patientConsent		
setUpdatedCorpId	Public	updatedCorpId		

<u>Relationships</u>		
Columns	Association	Notes
	PersonIdentifier.	
	TransiantObject	

PersonName
Database: Java, Stereotype: , Package: data
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	alias	int							
	degree_	int							
	endDate_	int						-1	
	firstName	int							
	lastName_	int							
	nameTypeCode	int							
	nameTypeCode nameTypeRepresentationC ode	int							
	prefix_	int							
	secondName_	int							
	startDate	int						-1	
	cuffix	int							

Name	Type	Columns	Initial Code	Notes
equals	Public	obj		
getCleanName	Public			
getDegree	Public			
getEndDate	Public			
getFirstName	Public			
getLastName	Public			
getName	Public			
getNameRepresentationCode	Public			
getNameTypeCode	Public			
getPrefix	Public			
getSearchKey	Public			
getSecondName	Public			
getStartDate	Public			
getSuffix	Public			
hashCode	Public			
isAlias	Public			
isValid	Public			
PersonName	Public	documentHeader		
PersonName	Public	lastName firstName secondName		
PersonName	Public	documentHeader lastName firstName secondName		
PersonName	Public			
setAlias	Public	value		
setDegree	Public	newDegree		
setEndDate	Public	date		

setFirstName		Public		firstName					
setLastName		Public		newLastName					
setNameRepresentationCod	de	Public		newNameRepresentationCo	xde				
setNameTypeCode		Public		newNameTypeCode					
setPrefix		Public		newPrefix					
setSecondName		Public		newSecondName					
setStartDate		Public		date					
setSuffix		Public		newSuffix					
		Tuone							
<u>elationships</u> Columns		Association						Notes	
		Pi Ti	ersonName. ransientObject.						
ersonReview atabase: Java, Stere etail: Created on otes: olumns PK	eotype: , Package: data n 6/4/2008. Last modified on								
₽K	Name createDt	Type int	Not Null	Unique	Len	Prec	Scale	Init null	Notes
	descr domainId	int int							
	id personIds	int int						0 null	
	userId	int						"ICS"	
onstraints		1.00		101		Living		I.V.	
Name addPerson		Type Public		Columns person		Initial Code		Notes	
addPerson		Public		personId					
addPersons		Public		persons					
				persons					
addPersons getCreateDate		Public Public							
getDescr		Public							
getDomainId getId		Public Public							
getPersons getUserId		Public Public							
PersonReview		Public		persons deser userId domainId					
PersonReview		Public		persons					
PersonReview		Public		descr userId domainId					
setCreateDate		Public		createDt					
setDescr		Public		descr					
setDomainId		Public		domainId					
setId		Public		id					
		Public Public		id persons					
setPersons		Public							
setPersons setPersons setUserId				persons					
Detail: Created on lotes: Constraints	vooppe: , Package: data n 6442008. Last modified on	Public Public Public Public		persons persons userId		Initial Code		Notes	
setPersons setUserId tace atabase: Java, Stere tatal: Created on onstraints Name	vooppe: , Package: data n 6/4/2008. Last modified on	Public Public Public		persons persons		Initial Code		Notes	
setPersons setPersons setUserId tacc atabase: Java, Stere teatil: Created on onstraints Name equals	ootpe: , Package: data n 6(4/2008. Last modified on	Public Public Public Public 6/4/2008. Type Public Public		persons persons usertid Columns obj		Initial Code		Notes	
setPersons setPersons setUserId tacc atabase: Java, Stere teatil: Created on onstraints Name equals	vooppe: , Package: data n 6/4/2008. Last modified on	Public Public Public Public Public fold/2008.		persons persons usertid Columns obj documentHeader		Initial Code		Notes	
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setPersons setUserId tace tack tace Java, Stere Greated on straints Name equals Race Race Race Race	vooppe: , Package: data n 6/4/2008. Last modified on	Public	ace.	persons persons userId Columns obj documentHender documentHender		Initial Code		Notes	
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selFersons self-expectation selFersons selFe	n 6/4/2008. Last modified on	Public	acc. ersonDataElement.	persons persons usertd Columns obj documentHeader documentHeader value				Notes	
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setPersons	n 6/4/2008. Last modified on	Public	ace.	persons persons usertd Columns obj documentHeader documentHeader value Columns obj documentHeader documentHeader documentHeader documentHeader				Notes	
setPersons	n 6/4/2008. Last modified on	Public	elision.	persons persons usertd Columns obj documentHeader documentHeader value Columns obj documentHeader documentHeader documentHeader documentHeader				Notes	
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self-enons	n 6/4/2008. Last modified on coppe: , Package: data n 6/4/2008. Last modified on coppe: , Package: data n 6/4/2008. Last modified on	Public	eligion.	persons persons userId Columns obj documentHeader documentHeader value Columns obj documentHeader value Columns obj documentHeader value	Lea	Initial Code	Scale	Notes Notes Notes	Notes

Columns

Type Public

Public

generateMultipleKeys

Initial Code

No. 1										
Martin M										
Mary										
Mary	SearchKeyGenerator		Public							
Mary	SearchRange									
Mathematical Mat	Database: Java, Stereon Detail: Created on O Notes:	type: , Package: data 6/4/2008. Last modified on 6	5/4/2008.							
Mart	PK		Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
			int							
## 1										
Mary			Type				Initial Code		Notes	
Mary					obj					
Month Mon	getEnd getStart									
This book	setEnd				newEnd					
Note	setStart		Public		newStart					
Note	toString		Public							
No.	SocialSecurityNumb									
	Columns	Nama	Type	Not Null	Unique	Lon	Dron	Saala	Init	Notes
Nome		ssn	int		Inque					
Nome	Constraints									
Marie	Name		Type Public		Columns		Initial Code		Notes	
Mode					,					
Mode	hashCode		Public							
Ministration	isValid		Public		ssn					
Maile Mail										
Sectionary Name					documentHeader					
Mail	SocialSecurityNumber		rublic							
Paris	SocialSecurityNumber		Public							
Section Sect			Dublic		ssn					
Column	30CHISCUITYNUMBER		1 done							
Part	Relationships		Ai-di						N-4	
Triple	Columns		Association	SocialSecurityNumber.					Notes	
Marie	Detail: Created on 0 Notes:	type: , Package: data 6/4/2008. Last modified on 6	5/4/2008.							
Semple S	PK		Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
Management										
Note		countryCode_	int							
Nome		extension_	int							
opub		extension_ phoneNumber	int int							
Marke	Constraints	extension_ phoneNumber	int int int							
Marie Mari	Constraints Name	extension_ phoneNumber	int int int		Columns		Initial Code		Notes	
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Constraints Name equals	extension_ phoneNumber	int int int Public		Columns		Initial Code		Notes	
Public P	Constraints Name equals getAreaCode getCountryCode	extension_ phoneNumber	int int Type Public Public Public		Columns		Initial Code		Notes	
Set	Constraints Name equals getAreaCode getCountryCode getExtension	extension_ phoneNumber	int		obj		Initial Code		Notes	
Marke	Constraints Name cquals getAreaCode getCountryCode getExtension getNonNullString oetPhoneNumber	extension_ phoneNumber	int		obj		Initial Code		Notes	
Sed Country Code	Constraints Name cquals getAreaCode getCountryCode getExtension getNonNullString getPhoneNumber getTelcomUseCode	extension_ phoneNumber	int		obj		Initial Code		Notes	
Public Public Section Sectio	Constraints Name cquals cquals egetAreaCode getCountryCode getCountryCode getPhoneNumber getPhoneNumber getTelecontlusCode hashCode	extension_ phoneNumber	int		obj		Initial Code		Notes	
Self-teconits	Constraint Name cquals getAreaCode getComnyCode getExtension getNonNullString getNonNullString getPioneNumber getTelecomUseCode hashCode setAreaCode	extension_ phoneNumber	int		obj s areaCode		Initial Code		Notes	
Servinentalitée Paulie Faulie Fau	Constraints Name copuals getAreaCode getCountyCode getSetSetSetSetSetSetSetSetSetSetSetSetSe	extension_ phoneNumber	int		obj s areaCode countryCode		Initial Code		Notes	
Selection States Public Selection Se	Constraints Name copuals getAreaCode getCountyCode getSetSetSetSetSetSetSetSetSetSetSetSetSe	extension_ phoneNumber	int		obj s areaCode countryCode extension		Initial Code		Notes	
TelephoneNumber	Constraints Name cquals getAreaCode getCountyCode getSontyCode getSontyCode getSontyCode getSontyCode getSontyCode getSontyCode getSontyCode setCountyCode setCountyCode setCountyCode setCountyCode	extension_ phoneNumber	int		s areaCode countryCode extension phoneNumber		Initial Code		Notes	
TelephoneNumber	Constraints Name cquals Extractode getCountyCode getCountyCode getFineston getNonNullString getPhoneNumber getTeleconflusCode hasticode setCountyCode setExtension setPhoneNumber getPhoneNumber getPhoneNumber	extension_ phoneNumber	int		s areaCode countryCode extension phoneNumber		Initial Code		Notes	
TelephoneNumber	Constraints Name cquals patAreaCode getCountyCode getExtension getPhoneNumber getPhoneNumber getPhoneNumber getPhoneNumber setCountyCode setCacCode setCountyCode setCountyCode setCountyCode setTextension setPhoneNumber setTelecontUseCode	extension_ phoneNumber	int		s urestCode countryCode extension phoneNumber tetUseCode		Initial Code		Notes	
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TransientObject TransientO	Constraints Name cquals getAreaCode getCountyCode getNountyCode getNonNullString getNonNullString getNonNullString getNonNullString setHoneNumber setCountyCode setCountyCode setCountyCode setCountyCode setExtension setPoneNumber setTelecomt isc Ode TelephoneNumber	extension_ phoneNumber	int		s areaCode countryCode extension phoneNumber tetUseCode documentHeader areaCode areaCode areaCode		Initial Code			
Name	Constraints Name cquals cquals cquals getAreaCode getCountyCode getSountyCode getSountyCode getSountyCode getSountyCode getSountyCode setCountyCode setCountsCode hastCode setCountryCode setCountryCode setExtension setPhoneNumber setPlenonNumber TelephoneNumber	extension_ phoneNumber	int	TelephoneNumber.	s areaCode countryCode extension phoneNumber tetUseCode documentHeader areaCode areaCode areaCode		Initial Code			
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Name	Constraints Name cquals getAreaCode getCountyCode getNountyCode getNountyCode getNountyCode getNountyCode setTelecontiseCode hashCode setCountyCode setCountyCode setCountyCode setCountyCode setCountyCode setTelecontiseCode TelephoneNumber	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	s areaCode countryCode extension phoneNumber tetUseCode documenHeader areaCode phoneNumber areaCode phoneNumber	Len		Scale	Notes	Notes
getDocumentHeader Public	Constraints Name copuals getAreaCode getCountyCode getSountyCode getSountyCode getSountyCode getSountyCode getSountyCode setCountyCode setCountsCode hashCode setCountsCode setCountsCode setCountyCode setCountsCode setCountyCode setCountyCod	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	s areaCode countryCode extension phoneNumber tetUseCode documenHeader areaCode phoneNumber areaCode phoneNumber	Len		Scale	Notes	Notes
getOid Public	Constraints Name cput Same set Sa	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	areaCode countryCode cxtension phoneNumber tetUseCode documentHeader areaCode phoneNumber Unique	Len	Prec	Scale	Notes	Notes
QeOldInt	Constraints Name cquals getAreaCode getCountyCode getCountyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getSouthyCode getCountyCode setCountyCode setCount	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	areaCode countryCode cxtension phoneNumber tetUseCode documentHeader areaCode phoneNumber Unique	Len	Prec	Scale	Notes	Notes
setDoumentFleeder Public documentFleeder Image: Control of the cont	Constraints Name cquals getAreaCode getCountyCode getNountyCode getNountyCode getNountyCode getNountyCode setFloenCountyCode setCountyCode setTelecontilacCode TelephoneNumber	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	areaCode countryCode cxtension phoneNumber tetUseCode documentHeader areaCode phoneNumber Unique	Len	Prec	Scale	Notes	Notes
Public id	Constraints Name cquals getAreaCode getCountyCode getCountyCode getSetSetSetSetSetSetSetSetSetSetSetSetSe	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	s areaCode countryCode extension phoneNumber tetUseCode documentHeader areaCode phoneNumber tetUseCode Unique Unique	Len	Prec	Scale	Notes	Notes
	Constraints Name copuals getAreaCode getCountyCode getNountyCode getSountyCode getNountyCode getNountyCode getNountyCode setCountsCode hashCode setCountsCode setAreaCode setCountryCode setFictension setPhoneNumber TelephoneNumber	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	s areaCode countryCode extension phoneNumber tetUseCode documentHeader areaCode phoneNumber tetUseCode Unique Unique	Len	Prec	Scale	Notes	Notes
Columns Association Notes PersonDataElement. TranscintObject. Telephone-Number. TranscintObject. SocialSecurityNumber. SocialSecurityNumber.	Constraints Name copuals getAreaCode getCountyCode getNountyCode getSountyCode getNountyCode getNountyCode getNountyCode setCountsCode hashCode setCountsCode setAreaCode setCountryCode setFictension setPhoneNumber TelephoneNumber	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	obj obj obj s urestCode countryCode cextension phoneNumber tetUseCode documentHeader arestCode phoneNumber Unique Unique Columns obj documentHeader arestCode documentHeader arestCode phoneNumber	Len	Prec	Scale	Notes	Notes
Person_DataElement	Constraints Name cquals cquals getAreaCode getCountyCode getCountyCode getSountyCode getSountyCode getNonNullString getNonNullString getNonNullString getTelecount iscCode lastsCode setCountryCode setCountryCode setExtension setPhoneNumber setPhoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber Columns TransientObject Database: Database: Database: Columns PK Constraints Name cquals getDocumentHeader getOid getOidIn setDocumentHeader getOid getOidIn setDocumentHeader getOid getOidIn setDocumentHeader getOid	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	obj obj obj s uresCode countryCode cextension planeNumber tetlsCode documentHeader aresCode planeNumber uresCode planeNumber Unique Unique Columns obj documentHeader documentHeader	Len	Prec	Scale	Notes	Notes
TransientObject TelephoneNumber TransientObject SocialSecurityNumber.	Constraints Name cquals getAreaCode getCountyCode getCountyCode getSetAreaSon getNonNullString getNonNullString getNonNullString getNonNullString getTheocNumber getTelecontUseCode hashCode setCountyCode setCountyCode setExtension setPhoneNumber setTelecontUseCode TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber Columns TransientObject Database: Database: Database: Database: Database: Database: Columns Columns Columns Columns Counted on telephoneNumber Columns Columns Relationships Constraints Name equals getDecumentHeader getOid setOid setOid setOid setOid setOid	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	TransientObject.	obj obj obj s uresCode countryCode cextension planeNumber tetlsCode documentHeader aresCode planeNumber uresCode planeNumber Unique Unique Columns obj documentHeader documentHeader	Len	Prec	Scale	Notes Notes	Notes
TrassientObject SocialSecurityNumber.	Constraints Name cquals getAreaCode getCountyCode getCountyCode getSetAreaSon getNonNullString getNonNullString getNonNullString getNonNullString getTheneNumber getTelecontUseCode hashCode setCountyCode setCountyCode setExtension setPhoneNumber setTelecontUseCode TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber Columns Columns Columns Columns Columns FK Columns Col	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	Not Null PersonDataElement.	obj obj obj s uresCode countryCode cextension planeNumber tetlsCode documentHeader aresCode planeNumber uresCode planeNumber Unique Unique Columns obj documentHeader documentHeader	Len	Prec	Scate	Notes Notes	Notes
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	Constraints Name cquals getAreaCode getCountyCode getCountyCode getSetAreaSon getNonNullString getNonNullString getNonNullString getNonNullString getTheneNumber getTelecontUseCode hashCode setCountyCode setCountyCode setExtension setPhoneNumber setTelecontUseCode TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber TelephoneNumber Columns Columns Columns Columns Columns FK Columns Col	extension phoneNumber telecomUseCode tope: , Package: data 6/4/2008. Last modified on to Name documentHeader	int	Not Null Not Null	obj obj obj s uresCode countryCode cextension planeNumber tetlsCode documentHeader aresCode planeNumber uresCode planeNumber Unique Unique Columns obj documentHeader documentHeader	Len	Prec	Scale	Notes Notes	Notes

PersonIdentifier. TransientObject.	
Address. TransientObject.	
Person. TransientObject.	
EmailAddress. TransientObject.	
DriversLicense. TransientObject.	
DomainIdentifier. TransientObject.	
DocumentHeader. TransientObject.	
DateOfBirth. TransientObject.	
PersonName. Transjept(Diject	

Package carescience Created on 6/4/2008. Last modified on 6/4/2008.

IcsStartup Database: Detail: Notes: Java, Stereotype: , Package: ics Created on 6/4/2008. Last modified on 6/4/2008.

Constraints				
Name	Type	Columns	Initial Code	Notes
init	Public	config		

ccs

Package ics Created on 6/4/2008. Last modified on 6/4/2008.

Java, Stereotype: , Package: ccs Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	MEAN SCORING	int						1	
	MEDIAN_SCORING	int						2	
	MODE SCORING	int						3	
	NAME_NAME_SEARCH SERVICE	int						"name1 "	
	scoringMethod	int						MEDIAN SCORING	
	STREET_NAME_SEAR	int						"street"	

Columns x y Initial Code Notes compare Private compareDates Public date1 date2 compareDates Public compareDates Public date1 date2 Public compareDates Public compareNames Public comparePhoneNumbers street1 street2 Public compareStreets getScoringMethod Public numCompare Public method setScoringMethod Public

Batch Loader
Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Columns									
PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	DUPLICATE_DETAIL_F ILE	int						"duplicates_detail.txt"	
	DUPLICATE_FILE	int						"duplicates.txt"	
	duplicatesDetailOut	int							
	maxPersonCount	int						Integer.MAX_VALUE	
		PersonIdService						null	
	SIMILAR DETAIL FILE	int						"similar_detail.txt"	
	similarDetailOut	int							
	TIME FILE	int						"time txt"	

Constraints .					
Name	Type	Columns	Initial Code	Notes	
duplicateFoundDuringAdd	Public	duplicate person			
expiredPersonFoundDuringAdd	Public	person			
initializeReader	Package	fileName			
load	Protected	fileName			
similarFoundDuringAdd	Public	similar person			
toString	Protected	person			

Relationships Columns			
Columns	Association		Notes
		eBatchLoader. Loader.	
	RMIE Batch	BatchLoader. iLoader.	
	CSBa	itchl.oader.	

CSBatchLoader

Database: Java, Stereotype:, Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

onstraints										
Name		Columns	Initial Code	Notes						
CSBatchLoader	Public									
initializeReader	Package	fileName								
main	Public	args								
main	Public	args								

<u>Relationships</u>		
Columns	Association	Notes
	CSBatchLoader.	
	Batchl order	

CorrelationSystem

Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

K	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ALMOST_EXACT_MAT CH	int						0.99	
	APPROXIMATE	int						0.89	
	ATTR_ADDRESS	int						new Integer(4)	
	ATTR BIRTHPLACE	int						new Integer(5)	
	ATTR_DLNUMBER	int						new Integer(8)	
	ATTR_DOB	int						new Integer(3)	
	ATTR GENDER	int						new Integer(2)	
	ATTR MAIDENNAME	int						new Integer(6)	
	ATTR NAME	int						new Integer(0)	
	ATTR PHONE	int						new Integer(7)	
	ATTR_SSN	int						new Integer(1)	
	comparator	AttributeComparator						new AttributeComparator()	
	EMPTY_LIST	int						Collections.unmodifiableL ist(new ArrayList())	
	EMPTY PERSON	Person						new Person()	
	EXACT MATCH	int						1.0	
	listeners	int						new ArrayList()	
	log	int						Logger.getLogger("ICS")	
	neuralNetwork	NeuralNetwork						null	
	NO MATCH	int						0.0	
	searchKeyGen	SearchKeyGenerator						SearchKeyGenerator.getIns tance()	
	SIMILAR	int						0.6	
	trace	int						null	
	TRAIT_COUNT	int						9	
	UNKNOWN	int						0.5	

UNKNOWN	int			0.5
Constraints				
Name	Type Public	Columns	Initial Code	Notes
addListener	Public	listener		
buildCorrelationVector	Public	person candidate		
calculateAddressCor	Private	address1 address2		
calculateAddressesCor	Private	person candidate		
calculateBirthPlaceCor	Private	address1 address2		
calculateBirthPlaceCor	Private	address1 address2		
calculateDOBCor	Private	dob1 dob2		
calculateDOBsCor	Private	person candidate		
calculateDriverLicenseCor	Private	dln1 dln2		
calculateDriverLicensesCor	Private	person candidate		
calculateExactStringCor	Private	s1 s2		
calculateGenderCor	Private	g1 g2		
calculateGendersCor	Private	person candidate		
calculateNameCor	Private	name1 name2 search		
calculateNamesCor	Private	person candidate search		
calculateSSNCor	Private	ssn1 ssn2		
calculateSSNsCor	Private	person candidate		
calculateTelephoneCor	Private	phone1 phone2		
calculateTelephonesCor	Private	person candidate		
comparePersons	Public	person match		
CorrelationSystem	Public	trace		
CorrelationSystem	Public			
duplicateFoundStateChange	Private	similar person		
expiredFoundStateChange	Private	person		
findMatches	Private	person people accuracy maxMatches attrs		
findMatches	Private	person people accuracy maxMatches attrs		
getNonNullString	Private	s		
initializeNeuralNetwork	Private	filename		
lookUp	Public	person confidence maxMatches		
lookUpEnd	Public	obj		

lookUpNext	Public	obj maxMatches	
lookUpStart	Public	person confidence	
matchByAttributes	Private	person candidate accuracy attrs	
matchByAttributes	Private	person candidate accuracy attrs	
query	Public	person confidence	
queryDone	Private	iter	
queryDone	Private	iter	
queryPerson	Private	person search	
removeListener	Public	listener	

CorrelationSystemException

Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints				
Name	Type	Columns	Initial Code	Notes
CorrelationSystemException	Public			
CorrelationSystemException	Public	message		
CorrelationSystemException	Public	throwable		
CorrelationSystemException	Public	throwable		

<u>Keiationsnips</u>		
Columns	Association	Notes
	CorrelationSystemException.	
	IcsException.	

HyperbolicTangent

Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Columns	Initial Code	Notes
Name calculate	Public	x		
derivative	Public	x		
derivative	Tublic			
getType	Public			

Java, Stereotype: , Package: ccs Created on 6/4/2008. Last modified on 6/4/2008.

	Name		Columns	Initial Code	Notes
- [alculate	Public	x		
	derivative	Public	x		
	getType	Public			

Initial Code

LogisticFunction

Database:

Java, Stereotype: , Package: ccs
Detail:
Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints				
Name	Type	Columns	Initial Code	Notes
calculate	Public	x		
derivative	Public	x		
getType	Public			

| LookUpObj | Database: Java, Stereotype: , Package: ccs | Detail: Created on 6/4/2008. Last modified on 6/4/2008. Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	attrsList	int							
	confidence	int							
	iter	int							
	person	Person							

Constraints				
Name		Columns	Initial Code	Notes
finalize	Public			
LookUpObj	Public	person iter confidence attrsList		
LookUpObj	Public	person iter confidence attrsList		

NeuralNetwork

Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	activationFunctions	ActivationFunction							
	architecture	int							
	epoch	int							
	HYPERBOLIC_TANGEN T	int						2	
	learningRate	int							
	LINEAR	int						0	
	LOGISTIC FUNCTION	int						1	
	outputs	int							
	random	int						new Random()	
	randomizeSamples	int							
	weights	int							

Constraints				
Name	Type	Columns	Initial Code	Notes

buildActivationFunction	Private	code	
calculateError	Public	count inputs targetOutputs	
calculateError	Public	count inputs targetOutputs	
calculateOutputs	Public	f	
calculateOutputs	Public	f	
generateRandomNumber	Private		
getEpoch	Public		
getHiddenActivationFunction	Public		
getLearningRate	Public		
getNeuronCount	Public	layer	
getOutputActivationFunction	Public		
geroupursetivationir unction	Public		
getRandomizeSamples	rubiic		
NeuralNetwork	Public	inputCount hiddenCount outputCount	
randomizeSamples	Private	count samples targetOutputs	
randomizeSamples	Private	count samples targetOutputs	
randomizeWeights	Private		
		h	
setHiddenActivationFunction	Public	type	
setLearningRate	Public	rate	
setOutputActivationFunction	Public	type	
setRandomizeSamples	Public	value	
swap	Private	a i j	
swap	Private	a i j	
train	Public	iterations count inputs targetOutputs accuracy	
train	Public	iterations count inputs targetOutputs accuracy	
train	Private	count inputs targetOutputs	
train	Private	count inputs targetOutputs	

NeuralNetworkTrainer

Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Columns

K	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	COMMENT	int						"#"	
	currentLine	int							
	currentSample	int							
	DEFAULT_EPOCHS	int						5000	
	DEFAULT_HIDDEN_AF							NeuralNetwork.HYPERB OLIC_TANGENT	
	DEFAULT_HIDDEN_CO UNT	int						20	
	DEFAULT_LEARNING_ RATE	int						0.1	
								NeuralNetwork.LINEAR	
	DEFAULT_TARGET_ER ROR	int						0.0001	
	epochs	int						DEFAULT_EPOCHS	
	hiddenActivationFunction	int						DEFAULT HIDDEN AF	
	hiddenCount	int						DEFAULT_HIDDEN_CO UNT	
	inputCount	int							
	inputs	int							
	learningRate	int						DEFAULT_LEARNING_ RATE	
	outputActivationFunction	int						DEFAULT_OUTPUT_AF	
	outputCount	int							
	outputs	int							
	targetError	int						DEFAULT_TARGET_ER ROR	

Constraints				
Name	Type	Columns	Initial Code	Notes
buildInputArray	Private	samples		
buildOutputArray	Private	samples		
getEpochs	Public			
getHiddenActivationFunction	Public			
getHiddenCount	Public			
getOutputActivationFunction	Public			
getTargetError	Public			
main	Public	args		
main	Public	args		
setEpochs	Public	newEpochs		
setHiddenActivationFunction	Public	type		
setHiddenCount	Public	newHiddenCount		
setOutputActivationFunction	Public	type		
setTargetError	Public	newTargetError		
train	Public	file		
train	Public	samples		
train	Public	file		

RMIBatch Loader
Database: Java, Stereoppe: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints								
Constraints Name initializeReader	Type Package		Columns fileName		Initial Code		Notes	
			args					
main	Public		args					
main RMIBatchLoader	Public Public		1					
Relationships								
Columns	Association	tMIBatchLoader.					Notes	
	E	BatchLoader.						
Sample Database: Java, Stereotype: , Package: Created on 6/4/2008. Last Notes: Columns	ccs modified on 6/4/2008.							
PK Name inputs	Type int	Not Null	Unique	Len	Prec	Scale	Init	Notes
outputs	int							
Constraints Name	Type		Columns		Initial Code		Notes	
equals	Public		obj		Intilii Code		110123	
equals	Public		obj					
getInputs getOutputs	Public Public							
getOutputs Sample	Public		inputCount outputCount					
Sample	Public		inputs					
			outputs					
Sample	Public		inputs outputs					
	Public		newInputs					
setInputs setInputs	Public		newInputs					
setOutputs	Public		newOutputs					
	Public		newOutputs					
setOutputs toString	Public		-					
SampleReader Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Notes:	ccs modified on 6/4/2008.							
PK Name COMMENT	Type int	Not Null	Unique	Len	Prec	Scale	Init	Notes
currentLine currentSample	int int						#	
inputCount	int							
outputCount reader	int int							
Constraints			le.		Limin			
Name getCurrentLineNumber	Type Package		Columns		Initial Code		Notes	
getCurrentSampleNumber getInputCount	Package Package							
getOutputCount readAllSamples	Package Package							
readSample SampleReader	Private Public		fileName					
SampleReader	Public		file					
SampleReader	Public		file					
ShinfcBatchLoader Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Notes: Constraints								
Name initializeReader	Type Package		Columns fileName		Initial Code		Notes	
main	Public		args					
main	Public		args					
<u>Relationships</u>								
Columns	Association	1 CD . II . I					Notes	
	S E	bmfcBatchLoader. BatchLoader.						
Stats								
Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Notes: Constraints								
Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Notes:	ccs modified on 6/4/2008. Type Public		Columns numbers		Initial Code		Notes	
Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Name avgert	Type Public		Columns numbers		Initial Code		Notes	
Database: Java, Stereotype: , Package: Detail: Created on 6/4/2008. Last Notes: Name avgert avgert	Type Public Public		numbers		Initial Code		Notes	
Database: Java, Stereotope: , Package: Detail: Created on 6/4/2008. Last Notes: Amount of the Amount	Type Public Public Public		numbers		Initial Code		Notes	
Database: Detail: Oreated on 6/4/2008. Last Notes: Constraints Name avgerr avgerr avgerr	Type Public Public Public Public		numbers x		Initial Code		Notes	
Database: Detail: Oreated on 6/4/2008. Last Notes: Constraints Name avgerr avgerr avgerr avgerr avgerr	Type Public Public Public Public Public Public		numbers x x		Initial Code		Notes	
Database: Detail: Notes: Constraints Name avgerr avgerr avgerr avgerr avgerr avgerr avgerr	Type Public Public Public Public Public Public Public		numbers x x x x		Initial Code		Notes	
Database: Detail: Notes: Constraints Name augerr	Type Public Public Public Public Public Public Public Public Public		numbers x x x x x		Initial Code		Notes	
Database: Detail: Notes: Constraints Name avgerr	Type Public		numbers x x x x x x x		Initial Code		Notes	
Database: Java, Stereotope: , Package: Detail: Notes: Created on 6/4/2008. Last Notes: Assert	Type Public		numbers X X X X X		Initial Code		Notes	
Database: Java, Stereotope: , Package: Detail: Notes: Created on 6/4/2008. Last Notes: Assume avgerr	Type Public		numbers X X X X X X X X A A Dumbers		Initial Code		Notes	
Database: Java, Stereotope: , Package: Detail: Notes: Created on 6/4/2008. Last Notes: Assert	Type Public		numbers X X X X X X X X		Initial Code		Notes	
Database: Java, Stereotope: , Package: Detail: Notes: Created on 6/4/2008. Last Notes: Name magerr avgerr a	Type Public		numbers X X X X X X X X Inumbers X y Inumbers X X Inumbers X X X Inumbers X X X Inumbers X X X X X X X X X X X X X		Initial Code		Notes	
Database: Detail: Notes: Constraints Name avgerr	Type Public		numbers X X X X X X X X numbers x numbers numbers1 numbers2		Initial Code		Notes	

cor	Public	x y	
cor	Public	x y	
cor	Public	x y	
cor	Public	x y	
cor	Public	x y	
cor	Public	numbers1 numbers2	
cov	Public	x y	
	Public	x	
cov		y x	
cov	Public	x y	
		x	
cov	Public	y numbers	
freq	Public	number	
freq	Public	numbers number	
freq	Public	numbers number	
freq	Public	numbers	
		number	
freq	Public	number	
freq	Public	numbers number	
freq	Public	numbers number	
		numbers	
freq	Public	number	
freq	Public	number	
freq	Public	numbers number	
geometricMean	Public	у	
geometricMean	Public	у	
geometricMean	Public	y numbers	
geometricMean geometricMean	Public Public	у	
geometricMean	Public	у	
geometricMean	Public	numbers	
geometricMean	Public	у	
geometricMean	Public	y	
geometricMean	Public	y numbers	
harmonicMean	Public Public	у	
harmonicMean	Public	у	
harmonicMean	Public	у	
harmonicMean	Public	у	
harmonicMean harmonicMean	Public Public	numbers y	
harmonicMean	Public	у	
harmonicMean	Public	у	
harmonicMean	Public	у	
iqr	Public	numbers	
iqr	Public	numbers numbers	
iqr iqr	Public Public	numbers	
iqr	Public	numbers	
iqr	Public	numbers	
iqr	Public	numbers	
1		numbers	
iqr	Public	numbers	
iqr iqr	Public	numbers	
iqr iqr iqr	Public Public	numbers numbers number	
iqr iqr	Public	numbers	
iqr iqr	Public Public Private	numbers number	

		_	
kurtosis	Public	x	
lowerQuartile	Public	numbers	
		numbers	
lowerQuartile	Public	numbers	
lowerQuartile	Public		
lowerQuartile	Public	numbers	
lowerQuartile	Public	numbers	
lowerQuartile	Public	numbers	
main	Public	args	
main	Public	args	
max	Public	numbers	
	Public	numbers	
max		numbers	
max	Public	numbers	
max	Public	numbers	
max	Public		
mean	Public	numbers	
mean	Public	x	
mean	Public	numbers	
mean	Public	x	
	n.r.	numbers	
median	Public	x	
median	Public	x	
median	Public		
median	Public	x	
median	Public	numbers	
median	Public	x	
min	Public	numbers	
	Public	numbers	
min		numbers	
min	Public		
min	Public	numbers	
mode	Public	numbers	
mode	Public	x	
mode	Public	numbers	
		x	
mode	Public	x	
mode	Public		
range	Public	x	
range	Public	x	
range	Public	x	

range	Public	numbers	
range	Public	x	
range	Public	numbers	
		x	
range	Public		
range	Public	x	
range	Public	x	
range	Public	x	
lange	Table	numbers	
rank	Public	number	
		numbers	
rank	Public	number	
		x	
rank	Public	number useDescendingOrder	
		numbers	
rank	Public	number	
		numbers	
rank	Public	number	
		numbers	
rank	Public	number	
rank	Public	numbers number	
rank	Public		
		x number	
rank	Public	useDescendingOrder	
rank	Public	numbers	
		number	
rank	Public	numbers	
		number	
mple	Public	numbers	
rank	1 done	number	
rank	Public	numbers number	
sdev	Public	numbers	
sdev	Public	numbers	
sdev	Public	numbers	
		numbers	
sdev	Public		
sdev	Public	numbers	
sdev	Public	x	
sdev	Public	numbers	
		numbers	
sdev	Public		
sdev	Public	numbers	
sdev	Public	x	
	Public	x	
sdevp			
sdevp	Public	x	
serr	Public	numbers	
serr	Public	numbers	
	Public	numbers	
SETT		numbers	
serr	Public		
serr	Public	x	
serr	Public	numbers	
	Public	x	
SETT		numbers	
serr	Public		
serr	Public	numbers	
serr	Public	numbers	
skew	Public	numbers	
skew	Public	numbers	
skew	Public	numbers	
skew	Public	x	
		numbers	
skew	Public		
skew	Public	numbers	
skew	Public	x	
skew	Public	numbers	
		numbers	
skew	Public		
skew	Public	numbers	
Stats	Public	numbers	
sum	Private	numbers	
sum	Private	numbers	
sum	Private	numbers	
		numbers	
sum	Private		
sum	Private	numbers	
sum	Private	numbers	
sum	Private	numbers	
		numbers	
sum	Private		
sumOfSqrs	Private	numbers	
sumOfSqrs	Private	numbers	
sumOfSqrs	Private	numbers	
		numbers	
sumOfSqrs	Private		
sumOfSqrs	Private	numbers	
sumOfSqrs sumOfSqrs	Private Private	numbers	

		,	,	
sumOfSqrs	Private	numbers		
sumOfSqrs	Private	numbers		
toArray	Private	numbers		
toArray	Private	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
trimmedMean	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
upperQuartile	Public	numbers		
var	Public	numbers		
var	Public	numbers		
var	Public	x		
var	Public	numbers		
var	Public	numbers		
var	Public	numbers		
var	Public	x		
var	Public	numbers		
var	Public	numbers		
var	Public	numbers		
varp	Public	x		
varp	Public	x		

TrainingSamples
Database: Java, Stereotype: , Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	inputCount	int							
	outputCount	int							
	samples	int							

Constraints				
Name	Type	Columns	Initial Code	Notes
add	Public	s		
get	Public	index		
getInputCount	Public			
getOutputCount	Public			
getSamples	Public			
iterator	Public			
remove	Public	S		
setInputCount	Public	newInputCount		
setOutputCount	Public	newOutputCount		
setSamples	Public	newSamples		
setSamples	Public	newSamples		
size	Public			
toArray	Public			
TrainingSamples	Public			

ActivationFunction

Database: Java, Stereotype: sinterfaces, Package: ces
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Name	Type	Columns	Initial Code	Notes		
calculate	Package	x				
derivative	Package	x				
getTyne.	Package					

Relationships		
Columns	Association	Notes
	SigmoidFunction.	

BackpropagationNetwork
Database: Java, Stereotype: «interface», Package: ces
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

CorrelationSystemListener

Database: Java, Stereotype: sinterface», Package: ccs
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Constraints				
Name	Type	Columns	Initial Code	Notes

duplicateFoundDuringAdd	Package	duplicate person	
expiredPersonFoundDuringAdd	Package	person	
similarFoundDuringAdd	Package	similar person	

SigmoidFunction

Database: Java, Stereotype: sinterfaces, Package: ces
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Columns	Association	Notes
	SigmoidFunction.	
	ActivationFunction.	

Package ics Created on 6/4/2008. Last modified on 6/4/2008.

DatabaseException

Database: Java, Stereotype: , Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

	s				

Name	Type	Columns	Initial Code	Notes				
DatabaseException	Public							
DatabaseException	Public	message						
DatabaseException	Public	throwable						
DatabaseException	Public	throwable						

Relationships

Columns	Association	Notes
	DatabaseException. IcsException.	

DatabaseServices Factory

Database: Java, Stereotype: , Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints

Name	Type	Columns	Initial Code	Notes
DatabaseServicesFactory	Public			
getInstance	Public			

QueryParam

Database: Java, Stereotype: , Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

olumns PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	attributeType	int							
	value	int							
onstraints									
Name		Type		Columns		Initial Code		Notes	
getAttributeType		Public							
getValue		Public							
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
QueryParam		Public		attributeType value					
toString		Public							

QueryParamList
Database: Java, Stereosppe: , Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	type	int							
	AND LIST	int						1	
	CONJUNCTION_LIST	int						1	
	DISJUNCTION LIST	int						0	
	OR LIST	int						0	

Constraints				
Name	Type	Columns	Initial Code	Notes
add	Type Public	attributeType		
		value		
		attributeType		
add	Public	value		
		attributeType		
add	Public	value		
add	Public	param		
add	Public	params		
		attributeType		
add	Public	value		
aud	1 done	value		
add	Public	attributeType		
	1	value		
add	Public	attributeType value		
		value		
create	Public			
getType	Public			
QueryParamList	Public			
QueryParamList	Public	type		
toString	Public			

AttributeType
Database: Java, Stereotype: einterfaces, Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

K	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	AA NAMESPACE ID	int						new Integer(19)	
	ADDRESS	int						new Integer(4)	
	AF_NAMESPACE_ID	int						new Integer(20)	
	ALIAS SEARCH KEY	int						new Integer(8)	
	CORPORATE_ID	int						new Integer(21)	
	DRIVERS_LICENSE_NU MBER	int						new Integer(3)	
	EMAIL	int						new Integer(5)	
	ETHNIC GROUP	int						new Integer(10)	
	FIRST_NAME_ALIAS	int						new Integer(18)	
	GENDER	int						new Integer(11)	
	LAST_NAME	int						new Integer(1)	
	LAST NAME ALIAS	int						new Integer(6)	
	MARITAL_STATUS	int						new Integer(12)	
	NAME_SEARCH_KEY	int						new Integer(7)	
	PERSON IDENTIFIER	int						new Integer(9)	
	PERSON_OID	int						new Integer(17)	
	PHONE NUMBER	int						new Integer(16)	
	RACE	int						new Integer(14)	
	RELIGION	int						new Integer(15)	
	SOCIAL_SECURITY_N UMBER	int						new Integer(2)	
	SOURCE DOCUMENT	int						new Integer(13)	

 DatabaseServices

 Database:
 Java, Stereotype: sinterfaces, Package: db

 Detail:
 Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ADDRESS	int						"Address"	
	BIRTH PLACE	int						"BirthPlace"	
	DATE OF BIRTH	int						"DateOfBirth"	
	DOCUMENT HEADER	int						"DocumentHeader"	
	DRIVERS_LICENSE	int						"DriversLicense"	
	EMAIL ADDRESS	int						"EmailAddress"	
	ETHNIC GROUP	int						"EthnicGroup"	
	EXPIRED	int						"Expired"	
	GENDER	int						"Gender"	
	MAIDEN_NAME	int						"MaidenName"	
	MARITAL STATUS	int						"MaritalStatus"	
	NATIONALITY	int						"Nationality"	
	NOTES	int						"Notes"	
	OID	int						"Oid"	
	PATIENT CONSENT	int						"PatientConsent"	
	PERSON_IDENTIFIER	int						"PersonIdentifier"	
	PERSON_NAME	int						"PersonName"	
	PRIMARY LANGUAGE	int						"PrimaryLanguage"	
	RACE	int						"Race"	
	RELIGION	int						"Religion"	
	SOCIAL_SECURITY	int						"SocialSecurity"	
	TELEPHONE NUMBER	int						"TelephoneNumber"	

	Cor	sti	ai	nts	
-1					_

Constraints				
Name	Type	Columns	Initial Code	Notes
addListener	Type Public	listener		
addPerson	Public	person		
mergePersons	Public	persons		
mergePersons	Public	persons		
mergePersons	Public	persons		
query	Public	attributeType value usePreparedStatement		
query	Public	attributeType value		
query	Public	attributeType value		
query	Public	attributeType value usePreparedStatement		
query	Public	params usePreparedStatement		
query	Public	params		
queryIterator	Public	params usePreparedStatement		
queryIterator	Public	params		
releaseIterator	Public	personIterator		
releaseIterator	Public	personIterator		
removeListener	Public	listener		
removeObject	Public	obj		
removeObject	Public	obj		
removePerson	Public	person		
splitPerson	Public	person docHeaders		
splitPerson	Public	person docHeaders		
splitPerson	Public	person docHeaders		
updateEID	Public	domain facility MRN newMRN oldEID newEID		
updatePerson	Public	person		

DatabaseServicesListener

Database: Java, Stereospe: «interface», Package: db
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints								
	Name	Type	Columns	Initial Code	Notes			
	personAdded	Package	person					
	personRemoved	Package	person					

personsMerged	Package	basePerson mergePerson	
personSplit	Package	originalPerson newPerson	
personUpdated	Package	person	

Package db Created on 6/4/2008. Last modified on 6/4/2008.

DatabaseServicesJdbc
Database: Java, Stereotype: , Package: jdbc
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	documentheadersql	DocumentHeaderSql						DocumentHeaderSql.getIn	
		1.0.000						stance()	
	icssql	IcsSqlXML						IcsSqlXML.getInstance() new	
	instance	DatabaseServicesJdbc						DatabaseServicesJdbc()	
	listeners	int						new ArrayList()	
	log	int						Logger.getLogger("ICS")	
	personinfosql	PersonInfoSql						PersonInfoSql.getInstance(
	personsal	PersonSql						PersonSql.getInstance()	
	personsql SEL_ORD_AA_NAMES							51	
		int							
	SEL_ORD_AA_UNIV_ID SEL_ORD_AA_UNIV_ID	int						49	
	TYPE_CD	int						50	
	SEL_ORD_ACK_TYPE	int						6	
	SEL ORD ADDRESS 1	int						36	
	SEL_ORD_ADDRESS_2	int						37	
	SEL_ORD_AF_NAMESP	int						54	
	ACE_ID SEL_ORD_AF_UNIV_ID	int						52	
	SEL_ORD_AF_UNIV_ID							53	
	TYPE_CD	int						33	
	SEL_ORD_APP_ACK_T	int						7	
	YPE SEL_ORD_BIRTH_PLA								
	CE CKD_BIRTIT_TEX	int						79	
	SEL ORD BIRTHDATE	int						21	
	SEL_ORD_CITY	int						38	
	SEL ORD CONSENT	int						48	
	SEL_ORD_CONT_PTR SEL_ORD_CORPORAT	int						5	
	E ID	int						82	
	SEL_ORD_COUNTRY	int						41	
	SEL ORD DEGREE	int						29	
	SEL ORD DH ID	int						80	
	SEL_ORD_DRV_ISSUE_ DATE	int						65	
	SEL_ORD_DRV_ISSUE_							64	
		int						64	
	SEL_ORD_DRV_LIC_N UM	int						63	
	CEL OPD EMAIL		-			-		60	-
	SEL ORD EMAIL SEL ORD ETHNIC CD	int						66	
	SEL ORD EVENT CD	int						13	
	SEL_ORD_EXPIRED	int						22	
	SEL_ORD_FNAME	int						25	
	SEL ORD GENDER	int						61	
	SEL_ORD_ID_TYPE_CD SEL_ORD_ISPROVIDER	int						45 23	
		int						24	
	SEL ORD MAIDEN DE								
	GREE	int						75	
	SEL_ORD_MAIDEN_FN	int						71	
	AME SEL_ORD_MAIDEN_LN								
	AME	int						70	
	SEL ORD MAIDEN NA	int						76	
	ME TYPE CD	III.						70	
	SEL ORD MAIDEN NA ME TYPE REP CD	int						77	
	SEL_ORD_MAIDEN_PR								
	EFIX	int						74	
	SEL_ORD_MAIDEN_SE	int						78	
	ARCH KEY								
	SEL_ORD_MAIDEN_SE CNAME	int						72	
	SEL_ORD_MAIDEN_SU	int						73	
	FFIX	IIII						75	
	SEL_ORD_MARITAL_S TATUS	int						62	
	SEL_ORD_MSG_CTRL_								
	ID	int						3	
	SEL_ORD_MSG_DATE	int						2	
	SEL_ORD_MSG_SECU	int						8	
	RITY SEL_ORD_MSG_STRU								
		int						16	
	SEL_ORD_MSG_TYPE	int						14	
	SEL_ORD_NAMESEAR	int						18	
	CHKEY SEL_ORD_NAMETYPE_								
	CD	int						30	
	SEL_ORD_NAMETYPE REP_CD	int						31	

	SEL_ORD_NATIONALIT Y CD	int						17	
	SEL_ORD_PA_ENDDAT								
	E	int						44	
	SEL_ORD_PA_STARTD	int						43	
	SEL_ORD_PARISH_CD		-			-		42	-
	SEL ORD PARISH CD SEL ORD PERSON ID	int						1	
	SEL_ORD_PERSON_IN								
	FO_ID	int						81	
	SEL_ORD_PH_AREA_C	int						57	
	D		-			-			-
	SEL_ORD_PH_COUNTR Y_CD	int						56	
	SEL ORD PH EXT	int						59	
	SEL_ORD_PH_NUM	int						58	
	SEL ORD PH USE CD	int						55	
	SEL_ORD_PI_EFF_DAT	int						46	
	SEL_ORD_PI_EXP_DAT							47	
		int						47	
	SEL_ORD_PI_IDENTIFI	int						69	
	FR								
	SEL ORD PN ALIAS	int						35	
	SEL_ORD_PN_ENDDAT E	int						34	
	SEL_ORD_PN_SEARCH KEY	int						22	i e
		int						32	
	SEL_ORD_PN_STARTD	int						33	
	ATE OPD PREELY		-			-			-
	SEL_ORD_PREFIX SEL_ORD_PRIMLANG	int int						28	
	SEL_ORD_RACE_CD	int						68	
	SEL ORD REC APP	int						9	

SEL_ORD_RELIGION_C D	int			67	
SEL ORD SECNAME				26	
SEL_ORD_SEND_APP				11	
SEL_ORD_SEND_FAC	int			12	
	int			4	
SEL ORD SSN	int			20	
SEL ORD STATEPROV	int			39	
SEL_ORD_SUFFIX	int			27	
SEL_ORD_TRIGGER_E VENT	int			15	
SEL_ORD_UPDATED_C ORPORATE ID	int			83	
SEL ORD ZIP	int			40	

Name
addDocumentHeader Columns
P
did
msgDate
msgCtrild
scqNum
contPtr
ackType
msgSccurity
recApp
recApp
recApp
recApp
sendApp
sendApp
sendApp
sendApp
did vi.icNumber
issueState
issueDate Initial Code Type Private addDriversLicense Private p dh grpCd personInfoId Private addEthnicGroup listener Public person

P
dh
addr1
addr2
cityProv
state
zip
country
parishCd
startDate
endDate
personInfoId addPerson Public Private addPersonAddress p dh dob addPersonDOB Private p dh dob addPersonDOB Private p dh email personInfoId addPersonEmail Private personInfold

Pdn
gender
personInfold

Pdn
id
id
iditypeCd
eiffDate
compend
sasignatuh, univld
assignatuh, univld
assignatuh, univld
assignatuh, amacSpaceld
assignatuh, amacSpaceld
assignatuh, amacSpaceld
undidated_cxporateld
updated_cxporateld addPersonIdentifier updated_corporated

pd
dh
stat
personlinfold

pd
th
tname
fname
secname
suffix
prefix
degree
nameTypeCd
nameTypeCd
searchKey
statrDate
endDate
alias
personlinfold addPersonMaritalStatus Private addPersonName p dh useCd countryCd areaCd num ext personInfoId addPersonPhone Private addPersonSSN Private p dh raceCd personInfoId addRace Private p dh relCd personInfoId addReligion Private batchfile Private batchMerge

Public Public Public

merge	Private	args	
merge	Private	args	
mergePersons	Public	persons	
mergePersons	Public	persons	
personAdded	Protected	person	
personRemoved	Protected	person	
personsMerged	Protected	basePerson mergePerson	
personSplit	Protected	originalPerson newPerson	
personUpdated	Protected	person	
query	Public	attributeType value usePreparedStatement	
query	Public	attributeType value	
query	Public	params	
query	Public	attributeType value usePreparedStatement	
query	Public	attributeType value	
query	Public	params usePreparedStatement	
querylterator	Public	params usePreparedStatement	
queryIterator	Public	params	
releaseIterator	Public	personIterator	
releaseIterator	Public	personIterator	
removeListener	Public	listener	
removeObject	Public	obj	
removeObject	Public	obj	
removePerson	Public	person	
splitPerson	Public	origPerson docHeaders	
splitPerson	Public	origPerson docHeaders	
updateEID	Public	domain facility oldMRN newMRN oldEID newEID	
updatePerson	Public	updates	
updatePerson	Public	person	
updatePerson	Public	updates	

PersoniteratorIdbc
Database: Java, Stereotype: , Package: jdbc
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	conn	int						null	
	lastOid	int						null	
	moreResults	int						false	
	rs	int						null	
	st	int						null	

Constraints				
Name	Type	Columns	Initial Code	Notes
finalize	Public			
hasNext	Public			
next	Public			
PersonIteratorJdbe	Public	conn st rs		
PersonIteratorJdbc	Public	conn st rs		
release	Public			
remove	Public			

DocumentHeaderSql
Database: Java, Stereotype: , Package: jdbc
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
DH ORD ACK TYPE	int		1				7	
DH_ORD_APP_ACK_TY PE	int						8	
	int						6	
DH ORD EVENT CD	int						14	
DH_ORD_HD_ID	int						1	
DH_ORD_MSG_CTRL_I D	int						4	
DH ORD MSG DATE	int						3	
DH_ORD_MSG_SECURI TY	int						9	
DH_ORD_MSG_STRUC TURE	int						17	
DH ORD MSG TYPE	int						15	
DH ORD PERSON ID	int						2	
DH ORD REC APP	int						10	
DH ORD REC FAC	int						11	
DH ORD SEND APP	int						12	
DH_ORD_SEND_FAC	int						13	
DH ORD SEQ NUM	int						5	
DH_ORD_TRIGGER_EV ENT	int						16	
instance	DocumentHeaderSql						new DocumentHeaderSql()
log	int						Logger.getLogger("ICS")	
UPDATEFLD DH	int						8	

Constraints				
Name		Columns	Initial Code	Notes
deleteDocumentHeader	Public	iessql		
		conn		
		dhId		

		1. (
deleteDocumentHeaderFromPersonInfo	Public	icssql conn personInfoId	
documentHeaderBuildStmt	Private	com personal personal messagestal messagestal sequence/sumber continuation Pointer acceptAckType applicationAckType messagesceurity messagesceurity receiving Facility sending Application sending Facility eventCode messagestype	
documentHeaderBuildStmt	Private	conn sql dhId	
documentHeaderBuildStmt	Private	conn sql dhid personld message/Date message/ControllD sequence/Number continuation*Pointer supplication*AckType supplication*AckType seeding*Application receiving*Facility sending*Application receiving*Facility sending*Application receiving*Facility sending*Application receiving*Facility sending*Application receiving*Facility sending*Application receiving*Facility sending*Application message*Great message	
DocumentHeaderSql	Public		
getInstance	Public	1	
insertDocumentHeader	Public	icsagl conn personal-du messageControlID sequenceNumber continuationPointer acceptAckType applicationAckType messageSecurity messageSecurity messageSecurity sendingApplication receivingFacility sendingApplication sendingFacility eventCode messageType messageStructure messageStructure	
insertDocumentHeader	Public	icssql conn personid updateFields_ updates	

PersonInfoSql

Database: Java, Stereotype: , Package: jdbc

Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Nates:

IIIS	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	instance	PersonInfoSql		- Canque				new PersonInfoSql()	110200
	log	int						Logger.getLogger("ICS")	
	PI COLUMN MAX	int						64	
	PI_ORD_AA_NAMESPA								
	CE ID	int						45	
	PI_ORD_AA_UNIV_ID	int						43	
	PI_ORD_AA_UNIV_ID_							1	
	TYPE CD	int						44	
	PI_ORD_ADDRESS_1	int						15	
	PI_ORD_ADDRESS_2	int						16	
	PI_ORD_ADDRESS_TY	int						42	
	PE CD	IIII						42	
	PI_ORD_AF_NAMESPA	int						48	
	CE_ID								
	PI_ORD_AF_UNIV_ID	int						46	
	PI_ORD_AF_UNIV_ID_T	int						47	
	YPE_CD								
	PI_ORD_ALIAS	int						14	
	PI_ORD_CITY	int						17	
	PI_ORD_CORPORATE_I	int						52	
	D								
	PI_ORD_COUNTRY	int						20	
	PI_ORD_DEGREE	int						8	
	PI_ORD_DH_ID	int						2	
	PI_ORD_DOB	int						51	
	PI_ORD_DRV_LIC_DAT E	int						34	
	PI_ORD_DRV_LIC_NU M	int						32	
	PI_ORD_DRV_LIC_STA	int						33	
	TE								
	PI ORD EMAIL	int						29	
	PI_ORD_END_DATE	int						13	
	PI ORD ETHNIC CD	int						35	
	PI_ORD_FNAME	int						4	
	PI_ORD_GENDER	int						30	
	PI ORD LNAME	int						3	
	PI_ORD_MARITAL_ST ATUS	int						31	
	PI_ORD_NAME_TYPE_ CD	int						9	
	PI_ORD_NAME_TYPE_ REP_CD	int						10	
	PI_ORD_PA_END_DAT	int						23	
	PI_ORD_PA_START_D	int						22	
	ATE								
	PI_ORD_PARISH_CD	int						21	
	PI_ORD_PATIENT_CON SENT	int						41	
	PI_ORD_PHONE_AREA CD	int						26	
	PI_ORD_PHONE_COUN TRY_CD	int						25	
									_
	PI ORD PHONE EXT	int						28	_
		int						27	
	PI ORD PI EFF DATE	int	_					39	
	PI_ORD_PI_EXP_DATE							40	
	PI_ORD_PI_ID	int						1	
	PI_ORD_PI_IDENTIFIER	int						49	
	PI_ORD_PI_IDENTIFIER CODE	int						38	
	PI_ORD_PREFIX	int						7	
	PI ORD RACE CD	int						37	_

PI ORD RELIGION CD				36	
PI ORD SEARCH KEY	int			11	
PI ORD SECNAME	int			5	
	int			50	
PI_ORD_START_DATE	int			12	
PI ORD STATE	int			18	
PI_ORD_SUFFIX	int			6	
E_CD	int			24	
PI_ORD_ZIP	int			19	
HENT_CONSENT	int			1	
DENTIFIER	int			2	
5	int			10	
	int			22	
UPDATEFLD_DRV_LIC ENSE	int			11	
UPDATEFLD_EMAIL	int			12	
UPDATEFLD_ETHNIC_ GROUP	int			19	
UPDATEFLD GENDER	int			17	
UPDATEFLD_MARITAL _STATUS	int			20	
UPDATEFLD_PATIENT _CONSENT	int			9	
UPDATEFLD_PERSON_ IDENTIFIER	int			13	
UPDATEFLD_PERSON NAME	int			16	
UPDATEFLD_RACE	int			15	
UPDATEFLD_RELIGIO N	int			18	
UPDATEFLD_SSN	int			21	
UPDATEFLD_TELEPHO NE	int			14	

Constraints
Name
deletePersonInfo Columns icssql conn personInfold Initial Code Type Public getInstance Public icssql conn dhld updateFields_ updates icssql conn dhld person icssql conn vars insertPersonInfo Public insertPersonInfo Private insertPersonInfo Private conn sql vars personInfoBuildStmt Private conn sql personInfold vars personInfoBuildStmt Private conn sql personInfold conn sql identifier consent conn sql vars personInfoBuildStmt personInfoBuildStmt Private personInfoBuildStmt Private conn sql personInfold vars personInfoBuildStmt Private PersonInfoSql Public toUpper Private icssql conn person_id_pk identifier consent updatePatientConsent

PersonSql

Database: Java, Stereotype: , Package: jdbc
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
instance	PersonSql						new PersonSql()	
log	int						Logger.getLogger("ICS")	
PERSON_ORD_BIRTH_ PLACE	int						16	
PERSON_ORD_EXPIRE D	int						5	
PERSON_ORD_ISPROV IDER	int						6	
PERSON_ORD_MAIDE N_DEGREE	int						12	
PERSON_ORD_MAIDE N_FNAME	int						8	
PERSON_ORD_MAIDE N LNAME	int						7	
PERSON_ORD_MAIDE N NAME TYPE CD	int						13	
PERSON_ORD_MAIDE N_NAME_TYPE_REP_C D	int						14	
PERSON_ORD_MAIDE N PREFIX	int						11	
PERSON_ORD_MAIDE N_SEARCH_KEY	int						15	
PERSON_ORD_MAIDE N_SECNAME	int						9	
PERSON ORD MAIDE N SUFFIX	int						10	
PERSON_ORD_NAMES EARCHKEY	int						3	
PERSON_ORD_NATION ALITY CD	int						2	
PERSON_ORD_PERSO N_ID	int						1	
PERSON_ORD_PRIMLA NG	int						4	
UPDATEFLD_BIRTHPL ACE	int						3	

UPDATEFLD EXPIRED	int			0	
UPDATEFLD_MAIDEN NAME	int			4	
UPDATEFLD_NATIONA LITY	int			1	
UPDATEFLD_PRIMAR YLANGUAGE	int			2	

YLANGUAGE				-	
onstraints					
Name	Type	Columns	Initial Code	Notes	
deletePerson	Public	icssql conn personld	Thin ede		
getInstance	Public				
insertPerson	Public	icssql com nationCd nameSearchkey primLanguageCd expired isProvider birthPlace maidenName			
personBuildStmt	Private	com sq! nationCd nameScarchKey primLanguageCd expired isFrovider birthFlace maidenName			
personBuildStml	Private	com sql personid nationCd nameSearchKey primLanguageCd cxpired isProvider birthPlace maidenVame			
personBuildStmt	Private	conn sql personId valueList			
PersonSql	Public				
updatePerson	Public	icssql conn personId updateFields_ updates			
updatePerson	Public	icssql conn personId			

Java, Stereotype: , Package: jdbc Created on 6/4/2008. Last modified on 6/4/2008.

Constraints									
Name	Type	Columns	Initial Code	Notes					
addSqlCondition	Type Public	colName attrColType value valueList buf							
addSqlCondition	Public	colName attrColType value valueList buf							
buildQuery	Public	icssql params conn							
buildQuery	Public	icssql params conn							
buildSql	Private	icssql params valueList buf							
buildSql	Private	icssql params valueList buf							
buildStatement	Public	icssql params conn							
buildStatement	Public	icssql params conn							
buildWhereClause	Public	colName attrCoIType value valueList							
buildWhereClause	Public	colName attrCoIType value valueList							
valToSql	Private	type val bind							
valToSql	Private	type val bind							

Package ics Created on 6/4/2008. Last modified on 6/4/2008.

IdentityServiceBean

Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Columns

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	corrSys	int						null	
	idCache	PersonCache						PersonCache.getInstance()	
	log	int						null	

	QUERY_SESSION_TIM EOUT	int			300000	
	queryMap	int			new HashMap()	
	timeoutMap	int			new HashMap()	
onstraints			1			
Name zjbActivate		Type Public	Columns	Initial Code	Notes	
ejbCreate		Public				
ejbPassivate		Public				
ibRemove		Public				
findCandidates		Public	person confidence			
findCandidates		Public	person max			
findCandidates		Public	person			
findCandidates		Public	person confidence max			
getPersonByCorpId		Public	clientId corpId			
getPersonByOid		Public	oid			
getPersonByOid		Public	oid			
getProfile		Public	pid			
getProfileList		Public	identifiers			
getProfileList		Public	identifiers			
queryEnd		Public	ref			
queryNext		Public	ref howMany			
queryStart		Public	person confidence			
		Public	context			

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	myThread	int						null	
	ref	int						0	
	timeout	int						0	

Constraints										
Name	Type	Columns	Initial Code	Notes						
reset	Public									
run	Public									
		ref								
Timeout	Public	timeout								

IdentityServiceException
Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints									
Name	Type	Columns	Initial Code	Notes					
IdentityServiceException	Public								
IdentityServiceException	Public	message							
IdentityServiceException	Public	throwable							
Id-atit-C-a-iEati	Politica .	throwable							

PersonCache

Database: Java, Stereosppe: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes	
	instance	PersonCache						null		
	oidCache	int						null		
	pidCache	int						null		
Name		Type				Initial Code	Initial Code		Notes	
onstraints				1				1		
clear		Public								
getInstance		Public								
getKey		Private		pid						
getOid		Public		oid						
getPid		Public		pid						
PersonCache		Public								
		n tr		pid						

getKey	Private	pid	
getOid	Public	oid	
getPid	Public	pid	
PersonCache	Public		
put	Public	pid val	
put	Public	oid p	
put	Public	pid val	
remove	Public	p persons	
remove	Public	persons	

PersonIdServiceBean

Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	_corhome	int							
	eidDomainProperty	int						null	
	eidDomains	int						new ArrayList()	
	idshome	IdentityServiceHome							
	ctx	int							
	idCache	PersonCache						null	
	log	int						null	

Constraints Name				
	Type	Columns	Initial Code	Notes
addPerson	Public	person		
addPerson	Private	person eideheek		

addPersonWithCDECascade	Public	newperson oldPID	
checkforEIDMismatch	Private	person	
checkForUpdates	Private	oldList newList	
deleteReview	Public	id	
ejbActivate	Public		
ejbCreate	Public		
ejbPassivate	Public		
ejbRemove	Public		
getAllReviews	Public		
getAttributeOidList	Private	person header	
getEIDDomains	Private		
getPersonByPID	Private	person oldPid	
getReviews	Public	domain	
getSystemReviews	Public		
hasReviews	Public	domain	
mergePersons	Public	persons	
mergePersonsWithCDECascade	Public	newperson oldPID oldEID	
removePerson	Public	person	
savePerson	Private	person trace	
searchByPID	Private	person trace	
setSessionContext	Public	context	
splitPerson	Public	person docHeaders	
submitReview	Public	personReview	
updateEID	Private	oldPerson domain facility MRN oldEID newEID	
updatePerson	Public	person	
validateExactMatch	Private	person match checkOnly	

PersonIdServiceException

Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Columns	Initial Code	Notes
PersonIdServiceException	Public			
PersonIdServiceException	Public	message		
PersonIdServiceException	Public	throwable		
PersonIdServiceException	Public	throwable		

PersonIdServiceFactory

Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Constraints				
Name		Columns	Initial Code	Notes
getInstance	Public			
PersonIdServiceFactory	Public			

Review Queue

Database: Java, Stereotype: , Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	log	int						Logger.getLogger("ICS	")
onstraints									
Name		Type		Columns		Initial Code		Notes	
delete		Public		id					
exists		Public		description p					
get		Public		domainId					
pending		Public		domainId					
submit		Public		personReview					

Identity/Service
Database: Java, Stereotype: «interface», Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Constraints Name				
Name	Type	Columns	Initial Code	Notes
findCandidates	Package	person		
findCandidates	Package	person confidence		
findCandidates	Package	person max		

findCandidates	Package	person confidence max	
getPersonByCorpId	Package	clientId corpID	
getPersonByOid	Package	oid	
getPersonByOid	Package	oid	
getProfile	Package	pid	
getProfileList	Package	identifiers	
queryEnd	Package	ref	
queryNext	Package	ref howMany	
queryStart	Package	person confidence	

Identity:ServiceHome

Database: Java, Stereotype: sinterfaces, Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Columns	Initial Code	Notes
create	Package			

PersonIdService

Database: Java, Servotype: einterfaces, Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Constraints				
Name	Type	Columns	Initial Code	Notes
addPerson	Public	person		
addPersonWithCDECascade	Public	newperson oldPID		
deleteReview	Public	id		
getAllReviews	Public			
getReviews	Public	domain		
getSystemReviews	Public			
hasReviews	Public	domain		
mergePersons	Public	persons		
mergePersons	Public	persons		
mergePersonsWithCDECascade	Public	newperson oldPID oldEID		
removePerson	Public	person		
splitPerson	Public	person docHeaders		
splitPerson	Public	person docHeaders		
submitReview	Public	personReview		
updatePerson	Public	person		

PersonIdServiceHome

Database: Java, Stereotype: «interface», Package: pids
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Columns	Initial Code	Notes
create	Package			

Package ics Created on 6/4/2008. Last modified on 6/4/2008.

Package sdk Created on 6/4/2008. Last modified on 6/4/2008.

CsMergeReader

Database: Java, Stereotype: , Package: io
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
ADDRESS 1	int						8	
ADDRESS_2	int						9	
ALIAS FNAME	int						16	
ALIAS LNAME	int						15	
ALIAS MNAME	int						17	
APPLICATION	int						1	
CITY	int						10	
COMMENT	int						"#"	
currentLine	int							
DELIMITER	int						","	
DNS	int						"DNS"	
DOB	int						5	
EOL	int						19	
FIRST_NAME	int						3	
GENDER	int						7	
ID_AUTHORITY	int						0	
IDTYPE	int						"INTERNAL IDENTIFIER"	
LAST_NAME	int						2	
log	int						Logger.getLogger("ICS")	
MARITAL STATUS	int						18	
NAMESPACE	int						3	
PATIENT NUM	int						1	
PHONE1	int						13	
PHONE2	int						14	
reader	int							
SECOND_NAME	int						4	
SOCSEC	int						6	
STATE	int						11	
TOKEN COUNT	int						20	
UNIVERSAL_ID	int						0	
UUID	int						"UUID"	
ZIP	int						12	

Constraints				
Name	Type	Columns	Initial Code	Notes

checkComment	Public		
CsMergeReader	Public	fileName	
CsMergeReader	Public	file	
getDate	Private	s	
getDomainValue	Private	s octType	
getEthnicGroup	Private	s	
getFacilityValue	Private	S	
getGender	Private	S	
getMaritalStatus	Private	s	
getNameString	Private	name	
getRace	Private	s	
getStringValue	Private	S	
process	Private	s	
read	Public		
stringToRecord	Private	S	
zerosCheck	Private	s	

CsPersonReader
Database: Java, Stereotype: , Package: io
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

nns	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ADDRESS 1	int						8	
	ADDRESS_2	int						9	
	ALIAS DEGREE	int						24	
	ALIAS FNAME	int						20	
	ALIAS LNAME	int						19	
	ALIAS MNAME	int						21	
	ALIAS PREFIX	int						22	
	ALIAS SUFFIX	int						23	
	APPLICATION	int						1	
	AREA CODE	int						13	
	CITY	int						10	
	COMMENT	int						"#"	
	currentLine	int							
	DEGREE	int						18	
	DELIMITER	int						","	
	DL EXPIRE DATE	int						33	
	DL ISSUE DATE	int						32	
	DL STATE	int						31	
	DLN	int						30	
	DNS	int						"DNS"	
	DOB	int						5	
	EMAIL	int						29	
	ETHNIC GROUP	int						27	
	EXTENSION	int						15	
	FIELD COUNT	int						34	
	FIRST NAME	int						3	
	GENDER	int						7	
	ID AUTHORITY	int						0	
	IDTYPE	int						"INTERNAL IDENTIFIER"	
	LAST NAME	int						2	
	log	int						Logger.getLogger("ICS")
	MARITAL STATUS	int						28	
	NAMESPACE	int						3	
	PATIENT NUM	int						1	
	PREFIX	int						16	
	RACE	int						26	
	reader	int							
	RELIGION	int						25	
	SECOND NAME	int						4	
	SOCSEC	int						6	
	STATE	int						11	
	SUFFIX	int						17	
	TELEPHONE	int						14	
	UNIVERSAL ID	int						0	
	UUID	int						"UUID"	
	ZIP	int						12	

Constraints				
Name	Type Public	Columns	Initial Code	Notes
checkComment	Public			
CsPersonReader	Public	fileName		
CsPersonReader	Public	file		
getDate	Private	S		
getDomainValue	Private	s octType		
getEthnicGroup	Private	S		
getFacilityValue	Private	S		
getGender	Private	S		
getMaritalStatus	Private	S		
getNameString	Private	name		
getRace	Private	S		
getStringValue	Private	S		
process	Private	S		
read	Public			
stringToRecord	Private	S		
zerosCheck	Private	S		

SbmfcPersonReader

Database: Java, Stereotype: , Package: io
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

K	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ADDRESS_1	int						3	
	ADDRESS 2	int						4	
	CITY_ST	int						5	
	COMMENT	int						"#"	
	currentLine	int							
	DELIMITER	int							
	DOB	int						10	
	GENDER	int						9	
	MARITAL STATUS	int						13	
	MEDICAL_ID	int						14	
	NAME	int						1	
	NAMESPACE ID	int						"com.sansum.medtec"	
	PATIENT_NUM	int						2	
	PREV NAME	int						11	

reader	int				
REC_TYPE	int			0	
SOCSEC	int			12	
TELEPHONE_1 TELEPHONE_2	int			7	
TELEPHONE 2	int			8	
TOKEN COUNT	int			15	
ZIP	int			6	

Constraints				
Name	Type	Columns	Initial Code	Notes
checkComment	Public			
getBirthDate	Private	S		
getCityState	Private	S		
getGender	Private	S		
getMaritalStatus	Private	S		
getNameValues	Private	S		
getPreviousName	Private	S		
process	Private	S		
read	Public			
SbmfcPersonReader	Public	file		
SbmfcPersonReader	Public	fileName		
stringToRecord	Private	S		
zerosCheck	Private	S		

PersonReader

Database: Java, Stereotype: einterfaces, Package: io
Dentil: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

Name	Type	Columns	Initial Code	Notes
checkComment	Public			
read	Public			

utility

Package
ics
Created on 6/4/2008. Last modified on 6/4/2008. Type: Package: Detail: Notes:

Cache

Java, Stereotype: , Package: utility Created on 6/4/2008. Last modified on 6/4/2008.

Database: Detail: Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ageMillis	int						0	
	lru	int						false	
	map	int						new HashMap()	
	maxSize	int						0	
	set	int						new TreeSet()	

Constraints				
Name		Columns	Initial Code	Notes
ageOut clear	Private			
clear	Public			
get	Public	key		
put	Public	key value		
remove	Public	key		
resize	Private			
setAgeMillis	Public	ageMillis		
setLRU	Public	flag		
setSize	Public	size		

Java, Stereotype: , Package: utility Created on 6/4/2008. Last modified on 6/4/2008.

Columns	1.44								1.44	
PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes	
	key	int								
	tstamp	int								
Constraints										
Name		Type		Columns		Initial Code		Notes		
Name		1 ype					Illitial Code		110tcs	
compareTo		Public		obj						
equals		Public		obj	obj					
hashCode	ode Public									
				key						

toString *ICSProperties*

Database: Java, Stereotype: , Package: utility
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	instance	int						new ICSProperties()	
	lastModified	int						0	
	propFile	int						null	
	props	int							

<u>Constraints</u>				
Name	Type	Columns	Initial Code	Notes
getBoolean	Public	key defVal		
getDouble	Public	key defVal		
getInt	Public	key defVal		
getProperty	Public	key		
getProperty	Public	key defVal		
ICSProperties	Public			
load	Public			

| IcsEvent | Database: Java, Stereotype: , Package: utility | Created on 6/4/2008. Last modified on 6/4/2008. Notes:

K	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	altPerson	int							
	currPerson	int							
	eventDate	int							
	eventReason	int							
	eventType	int							
	isPersisted	int						false	
	userID	int							
	EVENT_ALT_PERSON_ DOB	int						9	
	EVENT_ALT_PERSON_I D	int						7	
	EVENT_ALT_PERSON_ SSN	int						8	
	EVENT_CONSENT_UPD ATED	int						"PATIENT CONSENT UPDATED"	
	EVENT_CURR_PERSO N_DOB	int						6	
	EVENT_CURR_PERSO N_ID	int						4	
	EVENT_CURR_PERSO N_SSN	int						5	
	EVENT_DATE	int						3	
	EVENT ID	int						1	
	EVENT_ONADD_DUPLI CATE_FOUND	int						"DUPLICATE FOUND ON ADD"	
	EVENT_ONADD_EXPIR ED_FOUND	int						"EXPIRED PERSON FOUND ON ADD"	
	EVENT_ONADD_SIMIL AR_FOUND	int						"SIMILAR MATCH FOUND ON ADD"	
	EVENT_PERSON_ADDE D	int						"PERSON ADDED"	
	EVENT_PERSON_REM OVED	int						"PERSON REMOVED"	
	EVENT_PERSON_SPLIT							"PERSON SPLIT"	
	EVENT_PERSON_UPDA TED	int						"PERSON UPDATED"	
	EVENT_PERSONS_ME RGED	int						"PERSONS MERGED"	
	EVENT_REASON	int						10	
	EVENT TYPE	int						2	
	EVENT_USER	int						11	
	iessql	int						IcsSqlXML.getInstance()	
	log	int						Logger.getLogger("ICS")	

<u>Constraints</u>									
Name	Type	Columns	Initial Code	Notes					
eventLogBuildStmt	Private	conn sql eventLogId							
eventLogBuildStmt	Private	conn sql							
IcsEvent	Public	eventType eventDate currPerson altPerson							
IesEvent	Public	eventType eventDate currPerson attPerson eventReason userID							
isPersisted	Public								
persist	Public								
toString	Public								

IcsEventLogger

Database: Java, Stereotype: , Package: utility
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	instance	int							
	log	int						Logger.getLogger("ICS")	
onstraints									
Name		Type		Columns		Initial Code		Notes	
duplicateFoundDu	ringAdd	Public		duplicate person					
expiredPersonFour	ndDuringAdd	Public		person					
getInstance		Public							
IcsEventLogger		Public							
patientConsentUpd	lated	Public		person					
persistEvent		Private		eventType eventDate currPerson altPerson					
personAdded		Public		person					
personRemoved		Public		person					
personsMerged		Public		basePerson mergePerson					
personSplit		Public		originalPerson newPerson					
personUpdated		Public		person					
similarFoundDurin	ngAdd	Public		similar person					

IcsEventLoggerRunner
Database: Java, Stereotype: , Package: utility
Detail: Created on 6/4/2008. Last modified on 6/4/2008.
Notes:

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	event	int							
Constraints									
Name		Type		Columns		Initial Code		Notes	
Name		Public				Initial Code		Notes	
		Type Public		Columns event		Initial Code		Notes	

IcsException

Databasse: Java, Stereotype: , Package: utility
Detail: Created on 6/4/2008. Last modified on 6/4/2008.

Notes:

<u>Construints</u>								
Name	Type	Columns	Initial Code	Notes				
IcsException	Public							
IcsException	Public	message						
IcsException	Public	throwable						

		Association	orrelationSystemException.					Notes	
		I I	esException. tatabaseException.						
		I I	esException.						
sSqlXML tabase: Java, Ste. tail: Created tes:	reotype: , Package: utility on 6/4/2008. Last modified on	6/4/2008.							
dumns 'K	1		1	1		-			
·K	Name ATTR_COLTYPE_DATE	Type int	Not Null	Unique	Len	Prec	Scale	Init "Date"	Notes
	ATTR_COLTYPE_LIKE_ STRING	int						"LikeString"	
	ATTR_COLTYPE_LIKE_ USTRING	int						"LikeUString"	
	ATTR_COLTYPE_NUM BER	int						"Number"	
	ATTR_COLTYPE_STRI NG	int						"String"	
	ATTR_COLTYPE_USTR ING	int						"UString"	
	ATTR_TAG ICS_SQL_FILE	int int						"ATTR-" ICSProperties.getProperty(
								ICSProperties.getProperty("ICS_SQL_FILE", "IcsSql.xml")	
	instance log	int int						new IcsSqlXML() Logger.getLogger("ICS")	
	props rootNode	int int							
nstraints_	Tool tode	· · ·							
ame uildProps		Type Public		Columns		Initial Code		Notes	
				eName					
etElement etInstance		Public Public		Crumo					
etPath		Public Public							
etProperties etProperty		Public		propName					
csSqlXML		Public							
earchNode		Public		e eName					
etail: Created otes:	reotype: , Package: utility on 6/4/2008. Last modified on (6/4/2008.		'				1	
PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	ADD_PERSON enabled	int int						false	
	log MERGE_PERSON	int int						new StringBuffer()	
	SPLIT_PERSON	int int						4	
	type UPDATE_PERSON	int						1	
nstraints iame		Tuno		Columns		Initial Code		Notes	
dd		Type Public		msg		Illitual Code		Hotes	
dd		Public		p					
				p brief					
ıdd		Public		brier					
lisable mable		Public Public							
lcsTrace		Public		type p					
sEnabled		Public							
SEHabicu		1		p brief					
		Private							
logPerson		Private							
dbcHelper atabase: Java, Steetail: Created	reotype: , Package: utility on 6/4/2008. Last modified on v	Public							
bgPerson bgPerson bgPerson	Name	Public	Not Null	Unique	Len	Prec	Scale	Init	Notes
bgPerson bgPerson bgPerson	Name ds	Public 6/4/2008. Type int	Not Null	Unique	Len	Prec	Scale	null ICSProperties.getProperty(Notes
bgPerson bgPerson bgPerson	Name	Public	Not Null	Unique	Len	Prec	Scale	null	Notes
bgPerson ave bcHelper tabase: Java, Ste Ste Java, Ste Java, Ste Java, Ste	Name ds	Public 6/4/2008. Type int int	Not Null		Len		Scale	null ICSProperties.getProperty("JDNI_DATASOURCE"," icsPool")	Notes
ogPerson the Helper tubase: Java, Sie tes: Creuted K Instraints anne (CConnection	Name ds	Public 6/4/2008. Type int int Type Public	Not Null	Unique	Len	Prec	Scale	null ICSProperties.getProperty("JDNI_DATASOURCE","	Notes
ogPerson ave the Helper thabase: Java, Stellathatil: Created tes: the Market Aller Alle	Name ds	Public 6/4/2008. Type int int	Not Null		Len		Scale	null ICSProperties.getProperty("JDNI_DATASOURCE"," icsPool")	Notes
logPerson save dbcHelper utabase: Java, Steetuil: Created cotes: Java, Steetuil: Created cotes: Java, Steetuil: Created cotes: Java, Steetuil: Created cotes: Java, Steetuil: Created dbcddddddddddddddddddddddddddddddddd	Name ds	Public Type int int Type Public Public Private Public	Not Null		Len		Scale	null ICSProperties.getProperty("JDNI_DATASOURCE"," icsPool")	Notes
ave dibcHelper tabbase: Java, Sire table services: Java, Sire tabbase: Java, Sire tabbase: Java, Sire table services: Java, Sir	Name ds JNDI_DATASOURCE INDI_DATASOURCE recorps: , Package: utility on 6 42008. Last modified on v	Public Type int int Type Public Public Public Public Public Public Public Public Public	Not Null		Len		Scale	null (CSProperties, getProperty, "JDNI DATASOURCE"," icsPso["] Notes	Notes
ave ### Java, Stephen ### Java, Stephen ### Created ### Java, Stephen ### Created ### Java, Stephen #	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int Itype Public Type Public Private Public Pivate Public Public Public Public Public Public Public Public Public		Columns		Initial Code		nall (CSProperties, getProperty("JDNI DATASOURCE"," ksPool") Notes Init ICSProperties, getProperty("ICSP (JEL")")	
gPerson Ne bcHelper bcHelper Java, Ste Created St. Instraints ame Introduced Control on intalized be bet-tiefper diHelper diHelper diHelper disconnection difference dataset created ce:	Name ds JNDI_DATASOURCE INDI_DATASOURCE recorps: , Package: utility on 6 42008. Last modified on v	Public Type int int Type Public Public Public Public Public Public Public Public Public		Columns		Initial Code		null (CSProperties, getProperty("JDNI_DATASOURCE"," icsPsof") Notes Init (CSProperties, getProperty(CSProperties, getProperty(CSProperties, getProperty(
negerson the Helper the Helper the Helper Java, Size Greated Size Instraints	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public 6/4/2008. Type int int Type Public Private Public Private Public It		Columns		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," issPoof") Notes Init ICSProperties, getProperty("IOP (IRL")," "weblogic jand WLInitialContentPackary"	
gerson rve the Helper tabase: Java, Ste tes: K straints tame toft connection statistic dibe the Helper tabase: Java, Ste tes: K straints tame K straints tame to created	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int Itype Public Type Public Private Public Pivate Public Public Public Public Public Public Public Public Public		Columns Unique Columns jpdfName		Initial Code		null (CSProperties, getProperty("JDNI DATASOURCE"," icsPsol") Notes Init ICSProperties, getProperty("IDOP (JRL")" "weblogic, pold, WLInitialC	
pgPerson tve theHelper theHelper thethelper thethelper the Created tes: tes:	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int int Type Public Private Public Private Public Type int int Type Public		Columns Unique		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," issPoof") Notes Init ICSProperties, getProperty("IOP (IRL")," "weblogic jand WLInitialContentPackary"	
pgPerson ave the Helper tabase: Java, Sie ese: Created ses: same clefomection initialize dibe dibe Helper tabase: Java, See K same K same Limins K same Limins Ava, See See Limins K same same liminobject	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int int Type Public Private Public Type int Type int Type Public Private Public Private Public Private Public Private Public		Columns Unique Columns joilName object oBind		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," issPoof") Notes Init ICSProperties, getProperty("IOP (IRL")," "weblogic jand WLInitialContentPackary"	
pgPerson rve the Chelper tabasse: Java, Size tabasse: Java Structure tabase: Java Structure tabase: Java Structure tabase: Java, Size tabase: Created tes: tabase: Java, Size tes: tabase: Java, Size tes: tabase: Java, Size tes: tabase: Created tes: tabase: Java, Size tes: tabase: Java, Size tes: tabase: Created tes: tes: tabase: Lava, Size tes:	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int int Type int Type int Type Public Private Public Type int Type int Type public Type public Type public		Columns Unique Columns jpdfName		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," issPoof") Notes Init ICSProperties, getProperty("IOP (IRL")," "weblogic jand WLInitialContentPackary"	
ave ### Joseph	Name ds JNDI_DATASOURCE JNDI_DATASOURCE reotype: , Package: utility on 6/4/2008. Last modified on the state of the sta	Public Type int int		Columns Unique Columns joilName object oBind		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," issPoof") Notes Init ICSProperties, getProperty("IOP (IRL")," "weblogic jand WLInitialContentPackary"	
pgPerson tve theHelper theHelper thobase: Java, Ste restraints anne et Connection initialized be- theHelper tabhase: Java, Ste tatility	Name ds INDL_DATASOURCE INDL_DATASOURCE INDL_DATASOURCE INDL_Package utility on 642008. Last modified on the state of	Public 6/4/2008. Type int int Type Public Private Public Type int int Type Public Private Public Fivate Public Fivate Public Fivate Public Fivate Public	Not Null	Columns Unique Columns joitName objectToBind lookupName classToCreate	Len	Initial Code Prec Initial Code	Scale	nall (CSProperties, getProperty("JDNI DATASOURCE"," is Pool") Notes Init (CSProperties, getProperty("ICS Properties, getProperty("ICP URL") "weblogic_indi WLInitialC ontextFactory"	Notes
pegerson ave the Chelper thouses: Java, Sie Created ves: White the content of the content of the chelper tablase: Java, Sie Created ves: White the content of the chelper tablase: Java, Sie Java,	Name ds JNDL_DATASOURCE INDL_DATASOURCE INDL_DATASOURCE INDL_Package: utility on 64-2008. Last modified on: Name IIOP_URL JNDL_FACTORY INDL_FACTORY Name instance	Public 6/4/2008. Type int int Type public Private Public Type int int Type fi/4/2008. Type int int Type fi/4/2008. Type int int Type Public Private Public Private Public Private Public Private Public		Columns Unique Columns joilName object oBind		Initial Code		nall (CSProperties, getProperty("JDNI_DATASOURCE"," is Properties, getProperty("JDNI_DATASOURCE"," Notes Init IcSProperties, getProperty("IGDP_URL"," "weblogic_indi, WLInitialC ontextFactory" Notes	
gBerson ve beHelper beHelper baya, See Greated see: Greated Grea	Name ds JNDL_DATASOURCE JNDL_DATASOURCE JNDL_Package: utility on 6/4/2008. Last modified on to the second seco	Public Type int int Type Public Private Public Type Int Type Public Private Public Type Int Type Int Type Int Type Public Type Public	Not Null	Columns Unique Columns joitName objectToBind lookupName classToCreate	Len	Initial Code Prec Initial Code	Scale	nall KCSProperties, getProperty("JDNI DATASOURCE"," icsPool") Notes Init ICSProperties, getProperty("Novelogies, jad, WLInitialC ordectifactory Notes Init	Notes

Constraints				
Name	Type	Columns	Initial Code	Notes

begin	Public	name	
clearAll	Public		
disable	Public		
dump	Public		
dump	Public	out	
dump	Public	out	
dump	Public	out	
dumpTimers	Private	timers out prefix totals	
enable	Public		
end	Public	name	
isEnabled	Public		
Profile	Public		

Java, Stereotype: , Package: utility Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	child	int							
	ent	int							
	name	int							
	start	int							
	timers	int							
	total	int							

Constraints

Name		Columns	Initial Code	Notes
end	Public			
Timer	Public	name		
Timer	Public	t		

Java, Stereotype: , Package: utility Created on 6/4/2008. Last modified on 6/4/2008.

PK	Name	Type	Not Null	Unique	Len	Prec	Scale	Init	Notes
	BIRTH_DATE	int						new SimpleDateFormat("yyyy MMdd")	
	MESSAGE_DATE	int						new SimpleDateFormat("yyyy MMddhhmmss")	

Constraints

Name	Type	Columns	Initial Code	Notes
configDir	Public	file		
filterForUnique	Public	people		
getFirstHeader	Public	headers		
getLastHeader	Public	headers		
getNamespaceIdFor	Public	hostname		
toReversedList	Private	hostname		
Utils	Public			
writeToFile	Public	ostream filename		