

Data model-Documentation							
Database: Standard							
Package	Class	GenSecure	GenInsecure	MassDeletes	MassUpdates	DirtyDOs	Page
org							1
org. enhydra							1
org. enhydra. shark							1
org. enhydra. shark. instancepersistence							1
org. enhydra. shark. instancepersistence. data							1
	Activity	false	true	true	False	Compatible	1
	ActivityData	false	true	true	False	Compatible	2
	ActivityDataBLOB	false	true	true	False	Compatible	2
	ActivityDataWOB	false	true	true	False	Compatible	3
	ActivityState	false	true	true	False	Compatible	3
	AndJoinEntry	false	true	true	False	Compatible	3
	Assignment	false	true	true	False	Compatible	4
	Deadline	false	true	true	False	Compatible	4
	Process	false	true	true	False	Compatible	4
	ProcessData	false	true	true	False	Compatible	5
	ProcessDataBLOB	false	true	true	False	Compatible	5
	ProcessDataWOB	false	true	true	False	Compatible	6
	ProcessDefinition	false	true	true	False	Compatible	6
	ProcessRequester	false	true	true	False	Compatible	7
	ProcessState	false	true	true	False	Compatible	7
	Resource	false	true	true	False	Compatible	7

Package: org

Package: org. enhydra

Package: org. enhydra. shark

Package: org. enhydra. shark. instancepersistence

Package: org. enhydra. shark. instancepersistence. data							Page:
Classes:	Activity						1
	ActivityData						2
	ActivityDataBLOB						2
	ActivityDataWOB						3
	ActivityState						3
	AndJoinEntry						3
	Assignment						4
	Deadline						4
	Process						4
	ProcessData						5
	ProcessDataBLOB						5
	ProcessDataWOB						6
	ProcessDefinition						6
	ProcessRequester						7
	ProcessState						7
	Resource						7

Class:	Activity
id:	org.enhydra.shark.instancepersistence.data .Activity
Table Name:	SHKActivities
GenerateSecure:	false
GenerateInsecure:	true
MultiDB:	false
MassDeletes:	true
MassUpdates:	False
DirtyDOs:	Compatible

Relations			
Class	Table Name	Attribute	Page
org. enhydra. shark. instancepersistence. data. ActivityData	SHKActivityData	Activity	2
org. enhydra. shark. instancepersistence. data. ActivityDataWOB	SHKActivityDataWOB	Activity	3
org. enhydra. shark. instancepersistence. data. AndJoinEntry	SHKAndJoinTable	Activity	3
org. enhydra. shark. instancepersistence. data. AndJoinEntry	SHKAndJoinTable	BlockActivity	3
org. enhydra. shark. instancepersistence. data. Assignment	SHKAssignmentsTable	Activity	4
org. enhydra. shark. instancepersistence. data. Deadline	SHKDeadlines	Activity	4
org. enhydra. shark. instancepersistence. data. ProcessRequester	SHKProcessRequesters	ActivityRequester	7

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Id	yes	no	no	String	VARCHAR	100			
ActivitySetDefinitionId	yes	no	yes	String	VARCHAR	90			
ActivityDefinitionId	yes	no	no	String	VARCHAR	90			
Process	yes	yes	no	ProcessDO	DECIMAL	19,0	Process	SHKProcesses	4
TheResource	yes	yes	yes	ResourceDO	DECIMAL	19,0	Resource	SHKResourcesTable	7
PDefName	yes	no	no	String	VARCHAR	200			

ProcessId	yes	no	no	String	VARCHAR	200		
ResourceId	yes	no	yes	String	VARCHAR	100		
State	yes	yes	no	ActivityStateDO	DECIMAL	19,0	ActivityState	SHKActivityStates3
BlockActivityId	yes	no	yes	String	VARCHAR	100		
Performer	yes	no	yes	String	VARCHAR	100		
IsPerformerAsynchronous	yes	no	yes	boolean	BIT			
Priority	yes	no	yes	short	INTEGER			
Name	yes	no	yes	String	VARCHAR	254		
Activated	yes	no	no	long	BIGINT			
ActivatedTZO	yes	no	no	long	BIGINT			
Accepted	yes	no	yes	long	BIGINT			
AcceptedTZO	yes	no	yes	long	BIGINT			
LastStateTime	yes	no	no	long	BIGINT			
LastStateTimeTZO	yes	no	no	long	BIGINT			
LimitTime	yes	no	no	long	BIGINT			
LimitTimeTZO	yes	no	no	long	BIGINT			
Description	yes	no	yes	String	VARCHAR	254		

Indexes								
index					indexColumn			
id	unique	clustered			id		included	
I1	yes	no			Id			
I2	no	no			Process			
I2	no	no			ActivitySetDefinitionId			
I2	no	no			ActivityDefinitionId			
I3	no	no			Process			
I3	no	no			State			

Class:	ActivityData
id:	org.enhydra.shark.instancepersistence.data .ActivityData
Table Name:	SHKActivityData
GenerateSecure:	false
GenerateInsecure:	true
MultiDB:	false
MassDeletes:	true
MassUpdates:	False
DirtyDOs:	Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Activity	yes	yes	no	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
VariableDefinitionId	yes	no	no	String	VARCHAR	100			
VariableType	no	no	no	short	INTEGER				
VariableValue	no	no	yes	byte[]	LONGVARBINARY				
VariableValueXML	no	no	yes	Node	LONGVARCHAR				
VariableValueVCHAR	no	no	yes	String	VARCHAR	4000			
VariableValueDBL	no	no	yes	double	DOUBLE				
VariableValueLONG	no	no	yes	long	BIGINT				
VariableValueDATE	no	no	yes	Timestamp	TIMESTAMP				
VariableValueBOOL	no	no	yes	boolean	BIT				
IsResult	no	no	no	boolean	BIT				
OrdNo	yes	no	no	int	INTEGER				
CNT	no	no	no	BigDecimal	DECIMAL	19,0			

Indexes								
index					indexColumn			
id	unique	clustered			id		included	
I1	yes	no			CNT			
I2	yes	no			Activity			
I2	yes	no			VariableDefinitionId			
I2	yes	no			OrdNo			

Class:	ActivityDataBLOB
id:	org.enhydra.shark.instancepersistence.data .ActivityDataBLOB
Table Name:	SHKActivityDataBLOBs
GenerateSecure:	false
GenerateInsecure:	true
MultiDB:	false
MassDeletes:	true
MassUpdates:	False
DirtyDOs:	Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
ActivityDataWOB	yes	yes	no	ActivityDataWOBD0	DECIMAL	19,0	ActivityDataWOB	SHKActivityDataWOB	3
VariableValue	no	no	yes	byte[]	LONGVARBINARY				
OrdNo	yes	no	no	int	INTEGER				

Indexes								
index					indexColumn			
id	unique	clustered			id		included	
I1	yes	no			ActivityDataWOB			
I1	yes	no			OrdNo			

Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

ActivityDataWOB  
org.enhydra.shark.instancepersistence.data .ActivityDataWOB  
SHKActivityDataWOB  
false  
true  
false  
true  
False  
Compatible

Relations			
Class	Table Name	Attribute	Page
org. enhydra. shark. instancepersistence. data. ActivityDataBLOB	SHKActivityDataBLOBs	ActivityDataWOB	2

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Activity	yes	yes	no	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
VariableDefinitionId	yes	no	no	String	VARCHAR	100			
VariableType	no	no	no	short	INTEGER				
VariableValueXML	no	no	yes	Node	LONGVARCHAR				
VariableValueVCHAR	no	no	yes	String	VARCHAR	4000			
VariableValueDBL	no	no	yes	double	DOUBLE				
VariableValueLONG	no	no	yes	long	BIGINT				
VariableValueDATE	no	no	yes	Timestamp	TIMESTAMP				
VariableValueBOOL	no	no	yes	boolean	BIT				
IsResult	no	no	no	boolean	BIT				
OrdNo	yes	no	no	int	INTEGER				
CNT	no	no	no	BigDecimal	DECIMAL	19,0			

Indexes			
index	unique	clustered	indexColumn
id			id
			included
I1	yes	no	CNT
I2	yes	no	Activity
I2	yes	no	VariableDefinitionId
I2	yes	no	OrdNo

Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

ActivityState  
org.enhydra.shark.instancepersistence.data .ActivityState  
SHKActivityStates  
false  
true  
false  
true  
False  
Compatible

Relations			
Class	Table Name	Attribute	Page
org. enhydra. shark. instancepersistence. data. Activity	SHKActivities	State	1

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
KeyValue	yes	no	no	String	VARCHAR	30			
Name	yes	no	no	String	VARCHAR	50			

Indexes			
index	unique	clustered	indexColumn
id			id
			included
I1	yes	no	KeyValue
I2	yes	no	Name

Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

AndJoinEntry  
org.enhydra.shark.instancepersistence.data .AndJoinEntry  
SHKAndJoinTable  
false  
true  
false  
true  
False  
Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Process	yes	yes	no	ProcessDO	DECIMAL	19,0	Process	SHKProcesses	4
BlockActivity	yes	yes	yes	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
ActivityDefinitionId	yes	no	no	String	VARCHAR	90			
Activity	yes	yes	no	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
CNT	no	no	no	BigDecimal	DECIMAL	19,0			

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	CNT	
I2	no	no	Process	
I2	no	no	BlockActivity	
I2	no	no	ActivityDefinitionId	
I3	no	no	Activity	

Class: Assignment

id: org.enhydra.shark.instancepersistence.data .Assignment

Table Name: SHKAssignmentsTable

GenerateSecure: false

GenerateInsecure: true

MultiDB: false

MassDeletes: true

MassUpdates: False

DirtyDOs: Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Activity	yes	yes	no	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
TheResource	yes	yes	no	ResourceDO	DECIMAL	19,0	Resource	SHKResourcesTable	7
ActivityId	yes	no	no	String	VARCHAR	100			
ActivityProcessId	yes	no	no	String	VARCHAR	100			
ActivityProcessDefName	yes	no	no	String	VARCHAR	200			
ResourceId	yes	no	no	String	VARCHAR	100			
IsAccepted	yes	no	no	boolean	BIT				
IsValid	yes	no	no	boolean	BIT				
CNT	no	no	no	BigDecimal	DECIMAL	19,0			

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	CNT	
I2	yes	no	Activity	
I2	yes	no	TheResource	
I3	no	no	TheResource	
I3	no	no	IsValid	
I4	no	no	ActivityId	
I5	no	no	ResourceId	

Class: Deadline

id: org.enhydra.shark.instancepersistence.data .Deadline

Table Name: SHKDeadlines

GenerateSecure: false

GenerateInsecure: true

MultiDB: false

MassDeletes: true

MassUpdates: False

DirtyDOs: Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Process	yes	yes	no	ProcessDO	DECIMAL	19,0	Process	SHKProcesses	4
Activity	yes	yes	no	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
CNT	yes	no	no	BigDecimal	DECIMAL	19,0			
TimeLimit	yes	no	no	long	BIGINT				
TimeLimitTZO	yes	no	no	long	BIGINT				
ExceptionName	yes	no	no	String	VARCHAR	100			
IsSynchronous	yes	no	no	boolean	BIT				
IsExecuted	yes	no	no	boolean	BIT				

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	CNT	
I2	no	no	Process	
I2	no	no	TimeLimit	
I3	no	no	Activity	
I3	no	no	TimeLimit	

Class: Process

id: org.enhydra.shark.instancepersistence.data .Process

Table Name: SHKProcesses

GenerateSecure: false

GenerateInsecure: true

MultiDB: false

MassDeletes: true

MassUpdates: False

DirtyDOs: Compatible

Relations									
Class						Table Name	Attribute		Page
						SHKActivities	Process		1
org. enhydra. shark. instancepersistence. data. Activity						SHKAndJoinTable	Process		3
org. enhydra. shark. instancepersistence. data. AndJoinEntry						SHKDeadlines	Process		4
org. enhydra. shark. instancepersistence. data. Deadline						SHKProcessData	Process		5
org. enhydra. shark. instancepersistence. data. ProcessData						SHKProcessDataWOB	Process		6
org. enhydra. shark. instancepersistence. data. ProcessDataWOB									
Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
SyncVersion	yes	no	no	long	BIGINT				
Id	yes	no	no	String	VARCHAR	100			
ProcessDefinition	yes	yes	no	ProcessDefinitionDO	DECIMAL	19,0	ProcessDefinition	SHKProcessDefinitions	6
PDefName	yes	no	no	String	VARCHAR	200			
ActivityRequesterId	yes	no	yes	String	VARCHAR	100			
ActivityRequesterProcessId	yes	no	yes	String	VARCHAR	100			
ResourceRequesterId	yes	no	no	String	VARCHAR	100			
ExternalRequesterClassName	no	no	yes	String	VARCHAR	254			
State	yes	yes	no	ProcessStateDO	DECIMAL	19,0	ProcessState	SHKProcessStates	7
Priority	yes	no	yes	short	INTEGER				
Name	yes	no	yes	String	VARCHAR	254			
Created	yes	no	no	long	BIGINT				
CreatedTZO	yes	no	no	long	BIGINT				
Started	yes	no	yes	long	BIGINT				
StartedTZO	yes	no	yes	long	BIGINT				
LastStateTime	yes	no	no	long	BIGINT				
LastStateTimeTZO	yes	no	no	long	BIGINT				
LimitTime	yes	no	no	long	BIGINT				
LimitTimeTZO	yes	no	no	long	BIGINT				
Description	yes	no	yes	String	VARCHAR	254			
Indexes									
index				indexColumn					
id	unique	clustered		id		included			
I1	yes	no		Id					
I2	no	no		ProcessDefinition					
I3	no	no		State					
I4	no	no		ActivityRequesterId					
I5	no	no		ResourceRequesterId					

Class: **ProcessData**

id: [org.enhydra.shark.instancepersistence.data](#) .ProcessData

Table Name: SHKProcessData

GenerateSecure: false

GenerateInsecure: true

MultiDB: false

MassDeletes: true

MassUpdates: False

DirtyDOs: Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Process	yes	yes	no	ProcessDO	DECIMAL	19,0	Process	SHKProcesses	4
VariableDefinitionId	yes	no	no	String	VARCHAR	100			
VariableType	no	no	no	short	INTEGER				
VariableValue	no	no	yes	byte[]	LONGVARBINARY				
VariableValueXML	no	no	yes	Node	LONGVARCHAR				
VariableValueVCHAR	no	no	yes	String	VARCHAR	4000			
VariableValueDBL	no	no	yes	double	DOUBLE				
VariableValueLONG	no	no	yes	long	BIGINT				
VariableValueDATE	no	no	yes	Timestamp	TIMESTAMP				
VariableValueBOOL	no	no	yes	boolean	BIT				
OrdNo	yes	no	no	int	INTEGER				
CNT	no	no	no	BigDecimal	DECIMAL	19,0			
Indexes									
index				indexColumn					
id	unique	clustered		id		included			
I1	yes	no		CNT					
I2	yes	no		Process					
I2	yes	no		VariableDefinitionId					
I2	yes	no		OrdNo					

Class: **ProcessDataBLOB**

id: [org.enhydra.shark.instancepersistence.data](#) .ProcessDataBLOB

Table Name: SHKProcessDataBLOBs

GenerateSecure: false

GenerateInsecure: true

MultiDB: false

MassDeletes: true

MassUpdates: False

DirtyDOs: Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
ProcessDataWOB	yes	yes	no	ProcessDataWOBDO	DECIMAL	19,0	ProcessDataWOB	SHKProcessDataWOB	6
VariableValue	no	no	yes	byte[]	LONGVARBINARY				
OrdNo	yes	no	no	int	INTEGER				
Indexes									
index				indexColumn					
id	unique	clustered		id			included		
I1	yes	no		ProcessDataWOB					
I1	yes	no		OrdNo					

Class: ProcessDataWOB

id:

org.enhydra.shark.instancepersistence.data .ProcessDataWOB

Table Name:

SHKProcessDataWOB

GenerateSecure:

false

GenerateInsecure:

true

MultiDB:

false

MassDeletes:

true

MassUpdates:

False

DirtyDOs:

Compatible

Relations									
Class	Table Name						Attribute	Page	
org. enhydra. shark. instancepersistence. data. ProcessDataBLOB				SHKProcessDataBLOBs			ProcessDataWOB	5	
Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Process	yes	yes	no	ProcessDO	DECIMAL	19,0	Process	SHKProcesses	4
VariableDefinitionId	yes	no	no	String	VARCHAR	100			
VariableType	no	no	no	short	INTEGER				
VariableValueXML	no	no	yes	Node	LONGVARCHAR				
VariableValueVCHAR	no	no	yes	String	VARCHAR	4000			
VariableValueDBL	no	no	yes	double	DOUBLE				
VariableValueLONG	no	no	yes	long	BIGINT				
VariableValueDATE	no	no	yes	Timestamp	TIMESTAMP				
VariableValueBOOL	no	no	yes	boolean	BIT				
OrdNo	yes	no	no	int	INTEGER				
CNT	no	no	no	BigDecimal	DECIMAL	19,0			
Indexes									
index				indexColumn					
id	unique	clustered		id			included		
I1	yes	no		CNT					
I2	yes	no		Process					
I2	yes	no		VariableDefinitionId					
I2	yes	no		OrdNo					

Class: ProcessDefinition

id:

org.enhydra.shark.instancepersistence.data .ProcessDefinition

Table Name:

SHKProcessDefinitions

GenerateSecure:

false

GenerateInsecure:

true

MultiDB:

false

MassDeletes:

true

MassUpdates:

False

DirtyDOs:

Compatible

Relations										
Class					Table Name				Attribute	Page
org. enhydra. shark. instancepersistence. data. Process					SHKProcesses				ProcessDefinition	4
Attributes										
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table		Page
oid			no		DECIMAL	19,0				
version			no		INTEGER	4				
Name	yes	no	no	String	VARCHAR	200				
Packageld	yes	no	no	String	VARCHAR	90				
ProcessDefinitionId	yes	no	no	String	VARCHAR	90				
ProcessDefinitionCreated	yes	no	no	long	BIGINT					
ProcessDefinitionVersion	yes	no	no	String	VARCHAR	20				
State	yes	no	no	int	INTEGER					
Indexes										
index				indexColumn						
id	unique	clustered		id	included					
I1	yes	no		Name						



Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

ProcessRequester

org.enhydra.shark.instancepersistence.data .ProcessRequester

SHKProcessRequesters

false

true

false

true

False

Compatible

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Id	yes	no	no	String	VARCHAR	100			
ActivityRequester	yes	yes	yes	ActivityDO	DECIMAL	19,0	Activity	SHKActivities	1
ResourceRequester	yes	yes	yes	ResourceDO	DECIMAL	19,0	Resource	SHKResourcesTable	7

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	Id	
I2	no	no	ActivityRequester	
I3	no	no	ResourceRequester	

Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

ProcessState

org.enhydra.shark.instancepersistence.data .ProcessState

SHKProcessStates

false

true

false

true

False

Compatible

Relations			
Class	Table Name	Attribute	Page
org.enhydra.shark.instancepersistence.data.Process	SHKProcesses	State	4

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
KeyValue	yes	no	no	String	VARCHAR	30			
Name	yes	no	no	String	VARCHAR	50			

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	KeyValue	
I2	yes	no	Name	

Class:

id:

Table Name:

GenerateSecure:

GenerateInsecure:

MultiDB:

MassDeletes:

MassUpdates:

DirtyDOs:

Resource

org.enhydra.shark.instancepersistence.data .Resource

SHKResourcesTable

false

true

false

true

False

Compatible

Relations			
Class	Table Name	Attribute	Page
org.enhydra.shark.instancepersistence.data.Activity	SHKActivities	TheResource	1
org.enhydra.shark.instancepersistence.data.Assignment	SHKAssignmentsTable	TheResource	4
org.enhydra.shark.instancepersistence.data.ProcessRequester	SHKProcessRequesters	ResourceRequester	7

Attributes									
id	Query	Constr	Null	Java Type	Type	Size	Reference	Reference Table	Page
oid			no		DECIMAL	19,0			
version			no		INTEGER	4			
Username	yes	no	no	String	VARCHAR	100			
Name	yes	no	yes	String	VARCHAR	100			

Indexes				
index			indexColumn	
id	unique	clustered	id	included
I1	yes	no	Username	