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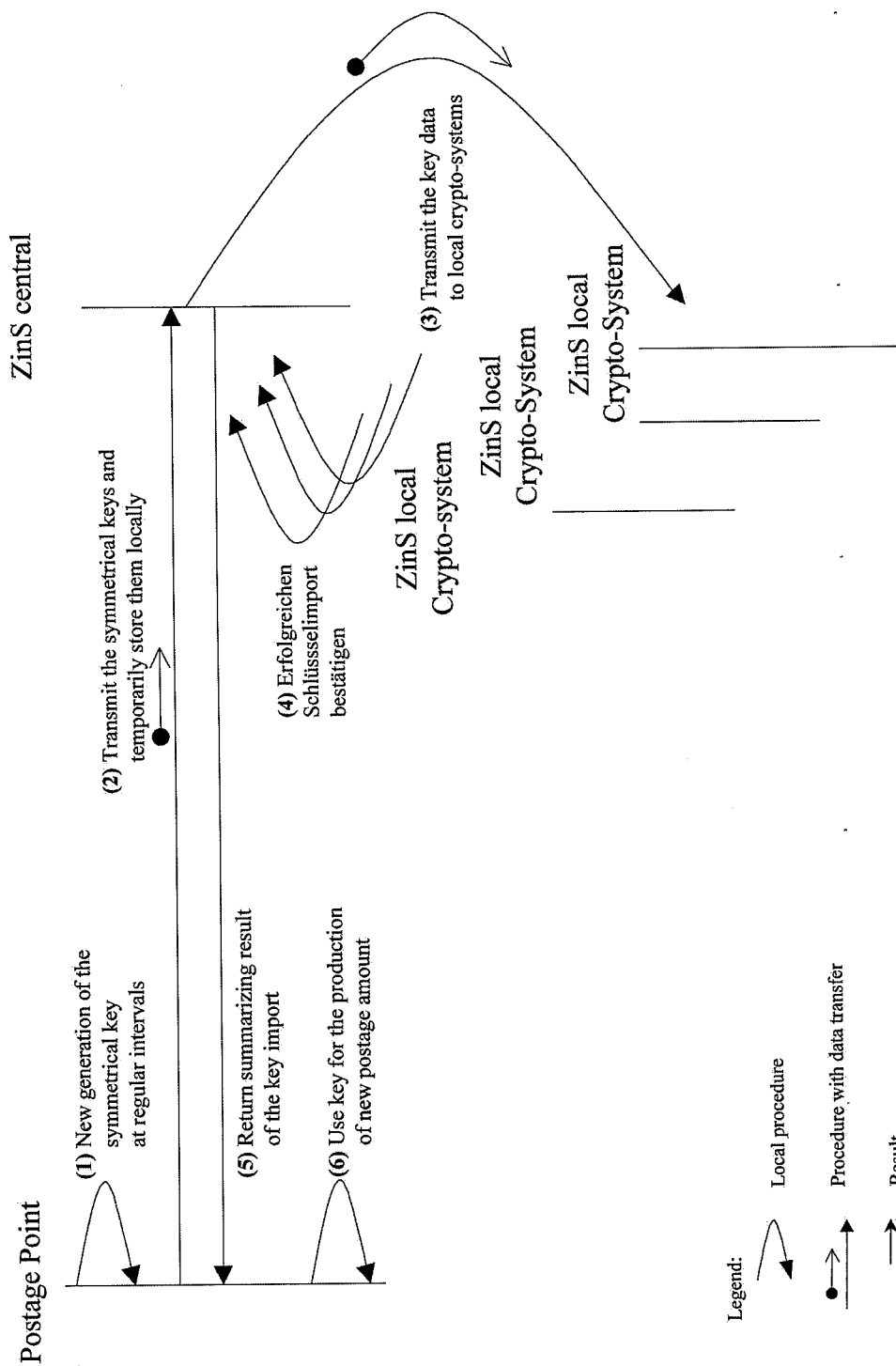


Fig. 1

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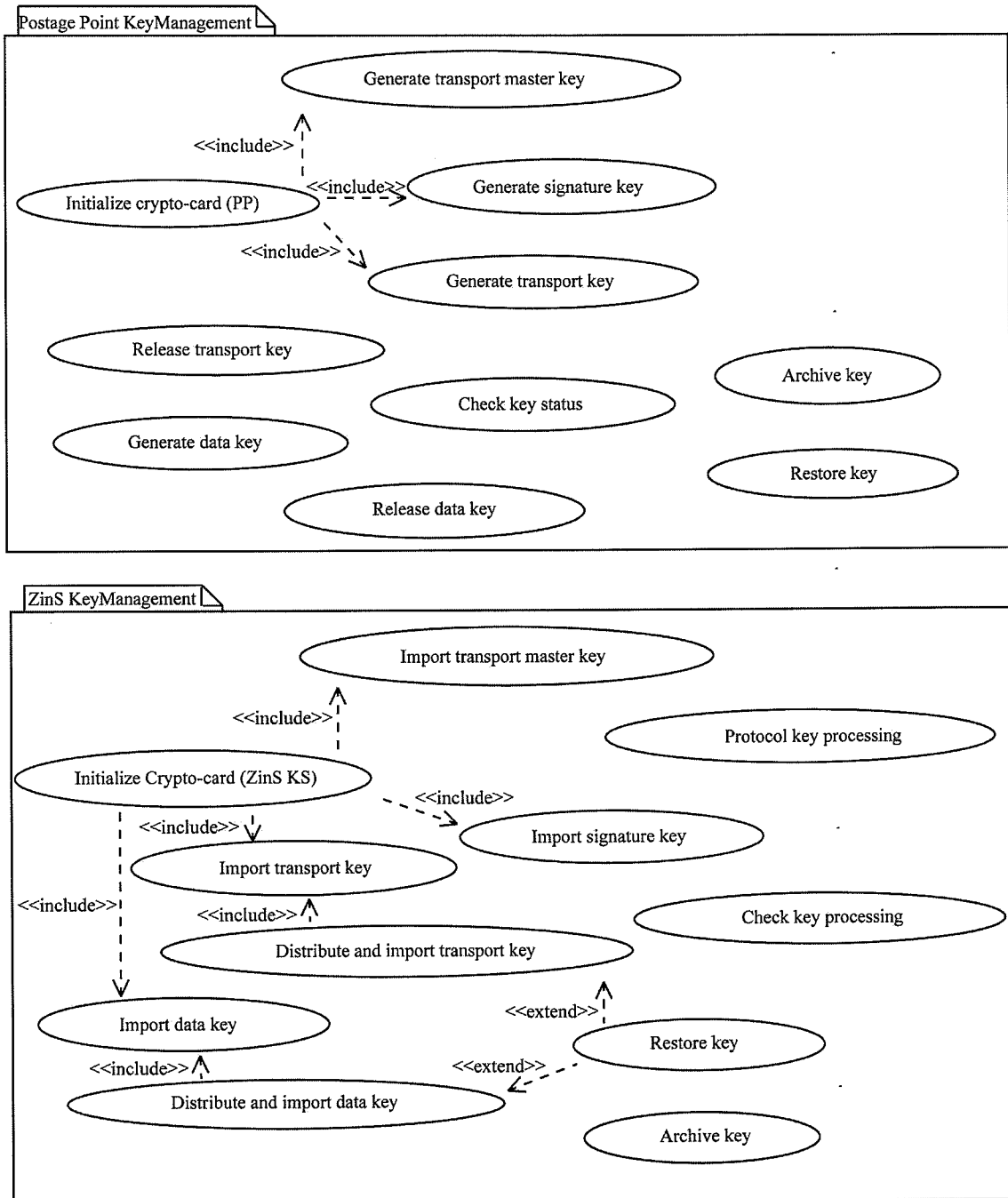
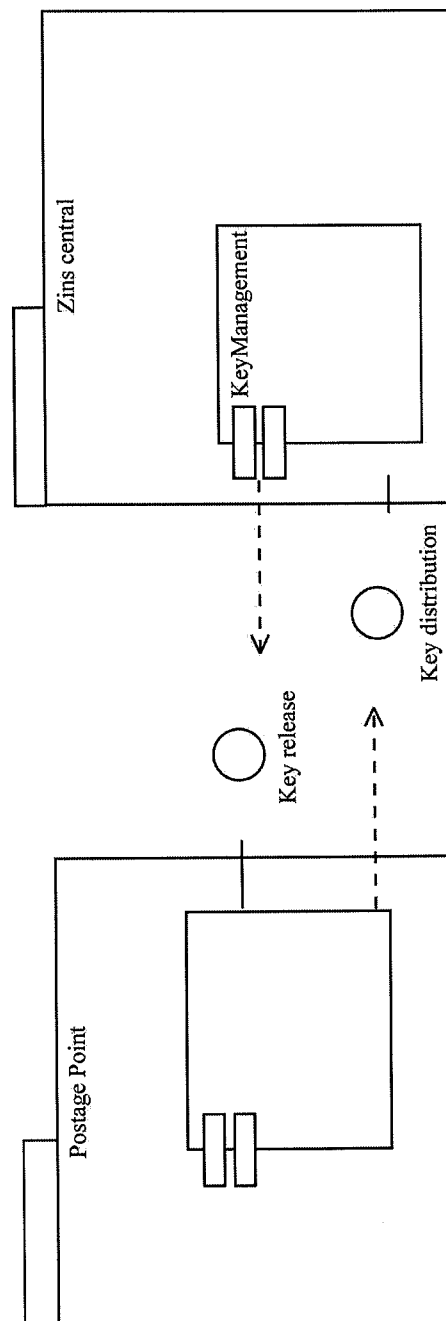


Fig. 2

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**Fig. 3**

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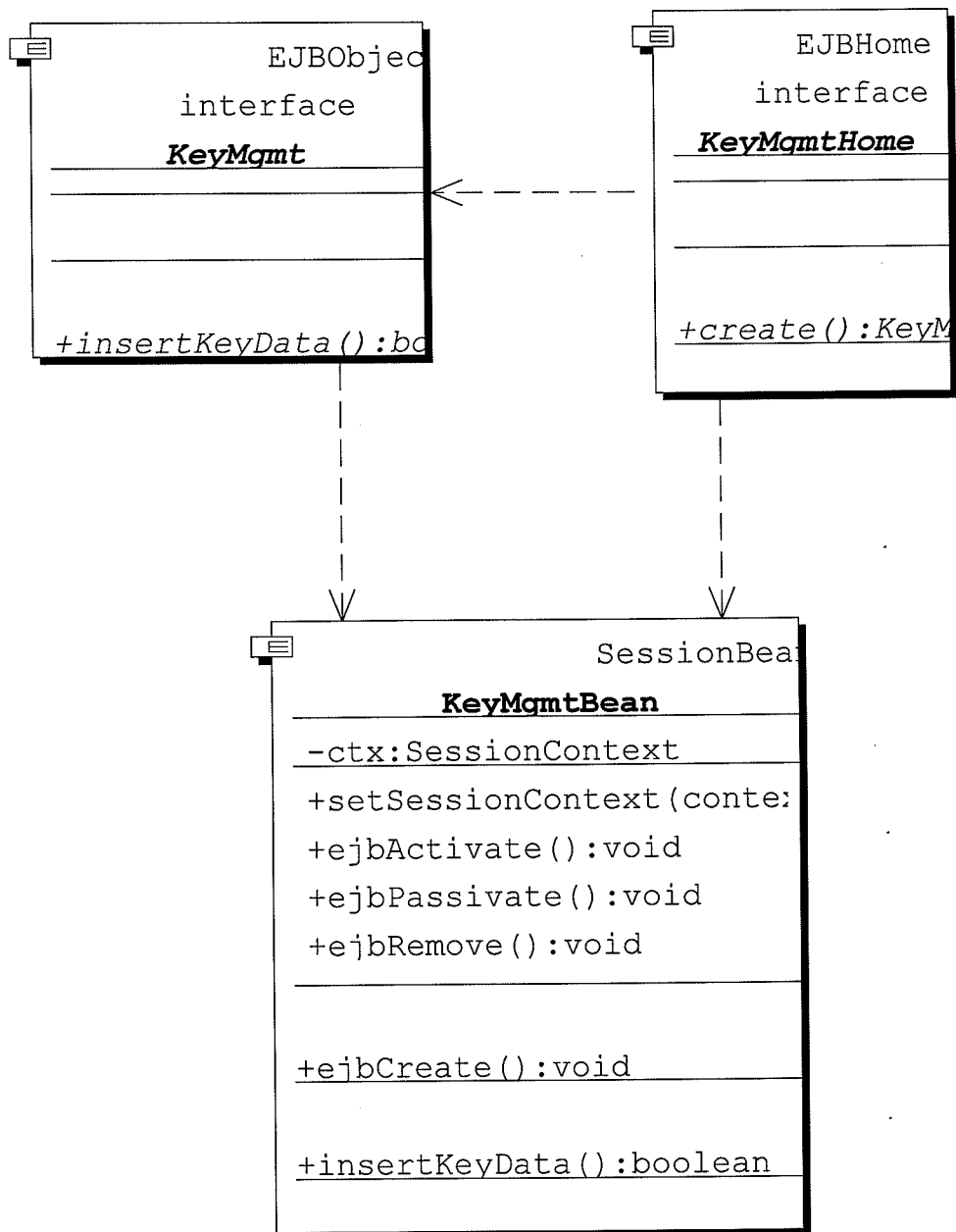


Fig. 4

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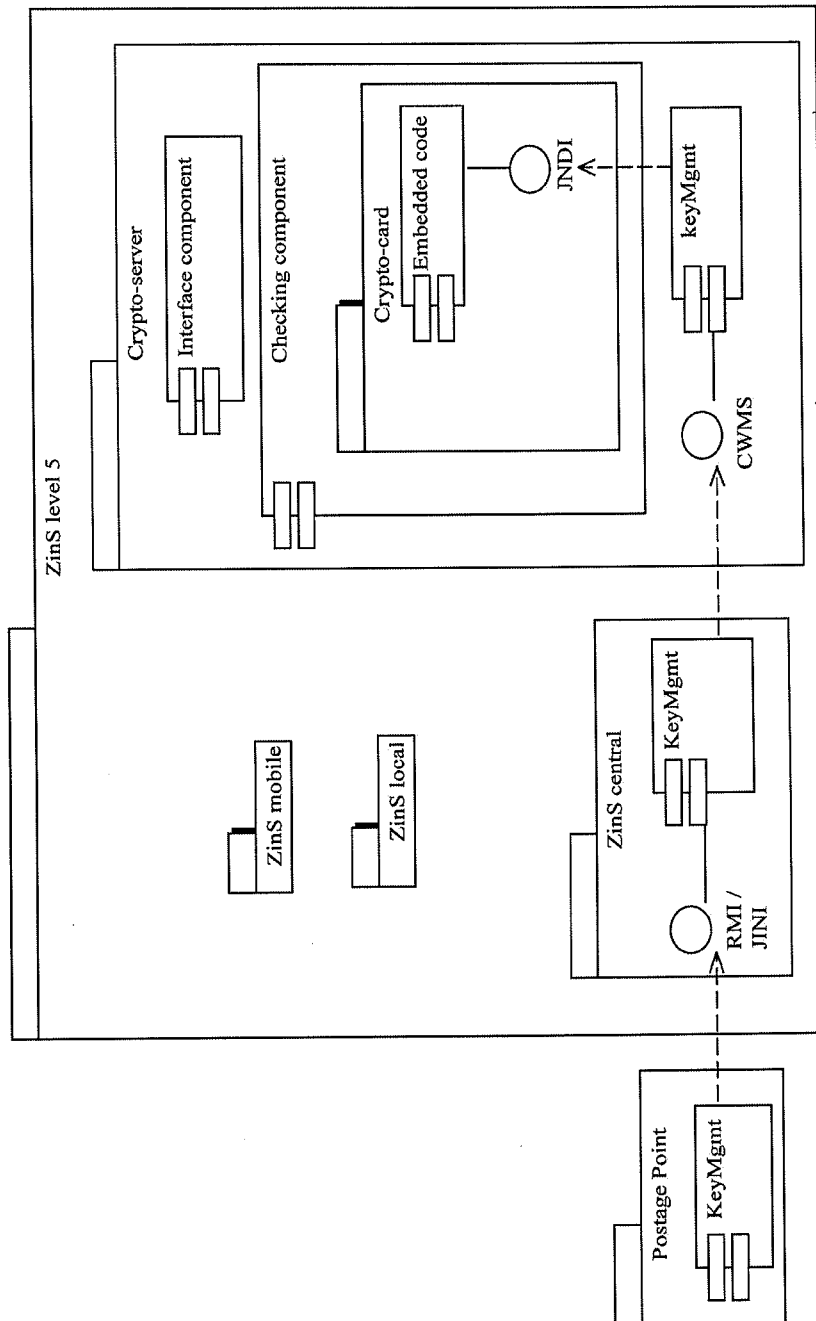


Fig. 5

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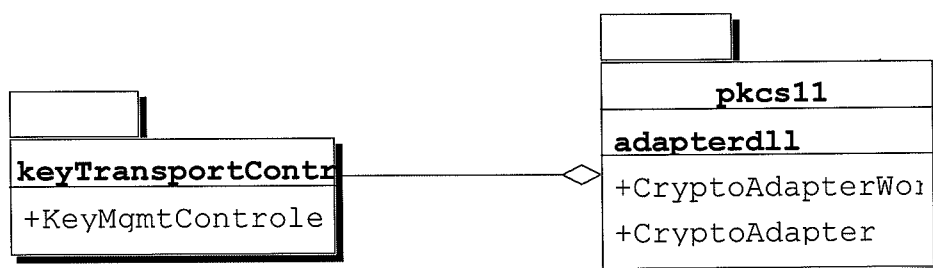
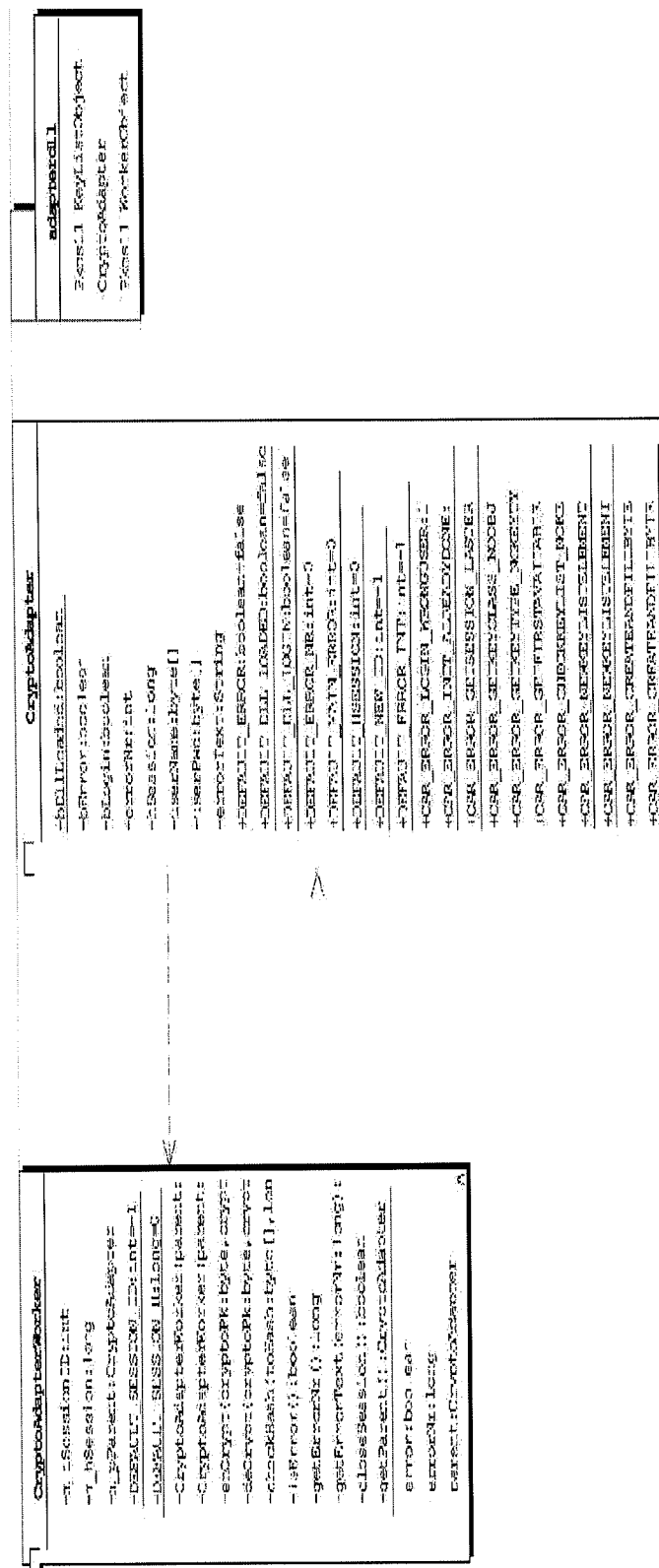


Fig. 6



**Fig. 7a**

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|                               |
|-------------------------------|
| +CAR_ERROR_CREATESTRING NOST  |
| +DEFAULT_KEY_TEXT:String=new  |
| +DEFAULT_ERROR_TEXT:String=n  |
| -DEFAULT_USERNAME:byte[]=(ne  |
| -DEFAULT_USERPWD:byte[]=(new  |
| -isErrorDll(id:int):boolean   |
| -loginDll(hSession:long,user  |
| -logoutDll(hSession:long):bo  |
| -closeSessionDll(ID:int):boo  |
| -getLogCountDll():int         |
| -getSessionIDDll(hSession:lon |
| -getKeyListCounterDll():int   |
| -getErrorNrDll(id:int):long   |
| -getASessionDll():long        |
| -checkHashDll(id:int,toHash:k |
| -encryptDll(id:int,cryptoPk:t |
| -decryptDll(id:int,cryptoPk:  |
| -getErrorTextDll(errorNr:lon  |
| -getKeyClassDll(hSession:lon  |
| -getKeyLabelDll(hSession:lon  |
| -getKeyTypeDll(hSession:long  |
| -getKeyStartDateDll(hSession  |
| -getKeyEndDateDll(hSession:l  |
| -getKeyIDDll(pos:int):String  |
| +CryptoAdapter()              |
| +loadDll():boolean            |
| +getLogCountNr():int          |
| +isDllLoaded():boolean        |
| +login():boolean              |
| +setUserName(newUserName:Str  |
| +setUserPwd(newUserPwd:Strin  |

Fig. 7b

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```

+logout():boolean
+getASession():CryptoAdapter
+isMainError():boolean
+getMainErrorNr():long
+getMainErrorText():String
+getKeyListCounter():int
+getKeyID(pos:int):String
+getKeyClass(pos:int):String
+getKeyLabel(pos:int):String
+getKeyType(pos:int):String
+getKeyStartDate(pos:int):St
+getKeyEndDate(pos:int):Stri
#encrypt(id:int, cryptoPk:byt
#decrypt(id:int, cryptoPk:byt
#checkHash(id:int, toHash:byt
#isError(id:int):boolean
#getErrorNr(id:int):long
#getErrorText(errorNr:long):
#closeSession(ID:int):boolean

```

```

logCountNr:int
dllLoaded:boolean
userName:String
userPwd:String
ASession:CryptoAdapterWorker
mainError:boolean
mainErrorNr:long
mainErrorText:String
keyListCounter:int
keyID:String[]
keyClass:String[]
keyLabel:String[]
keyType:String[]
keyStartDate:String[]
keyEndDate:String[]

```

Fig. 7c