

# Incorporating Adabas Databases

## Prerequisites

- Adabas Online Services must be active.
- Databases must be Adabas Version 6 databases or above.
- If Natural Security is installed and function protection for Predict is activated, access rights must be given.

## Restrictions

- Only databases accessible from the current virtual machine can be processed (see also the description of the Current VM parameter below).

**Note:**

See Concepts of Incorporation for basic information on how to use incorporation functions.

## Selecting Adabas Databases

The Incorporate Adabas Databases screen is called with function code I and object code AD in a Predict main menu or with the command INCORPORATE ADABAS-DATABASE.

```

09:49:24          ***** P R E D I C T 4.2.2 *****          2002-07-31
Plan    0          - Incorporate ADABAS C Databases -

Current VM ..... HOME

Database number from ..... 1          (1-65535)
                   to ..... 254      (1-65535)

Processing option
Connect automatic ..... N          (Y/N)
    
```

Parameters	
Current VM	Virtual machine of the database. A read-only field. The current virtual machine can be changed in the session profile. If no Current VM is specified in the session profile, the parameter Default current virtual machine in the Miscellaneous section of the General Defaults is used.
Database number from/to	The physical numbers of the Adabas databases to be incorporated. A range of up to 23 databases can be specified.
Connect automatic	<b>Y</b> The Adabas database and a corresponding Predict database object will be connected by the Compare function (code T) if no differences are detected between the file lists of the two objects.

Databases which meet the given selection criteria and are not already connected to a Predict database are then listed as follows:

```

13:59:54          ***** P R E D I C T  4.2.2  *****          2002-07-31
                    - Incorporate ADABAS C Databases -
Search-crit.: DBnr:8-30

Cmd  DBnr  ADABAS name          PREDICT database ID          Remark
---  ---  ---
   8          HEB-ADA          Vista element exists
   9 GENERAL-DATABASE HEB-ADA-1
  10 DB010-NATURAL   BER-DA-10
  11          PD-A0000          Vista element exists
  12 GSD-MVS-012    DA with diff. type
  13          HEB-A-HEB-VM        DB error:3148
    
```

Columns in the List	
Cmd	Enter a valid incorporation subfunction. Enter an asterisk to display possible values.
DBnr	Number of the database.
Adabas name	The Adabas name of the database (the name specified with the ADADEF or the ADAREF utility).
Predict database ID	The IDs of Predict database object.
<b>Remark</b>	
Any of the following type-specific remarks or blank. For type-independent remarks see Remarks which apply to all Object Types.	
<b>Note:</b> If any of the following remarks is given, no incorporation function is possible.	
DB error: nnnn	Where nnnn is an Adabas response code between 3001 and 3255. The database is not defined in NTDB as type Adabas.
Vista element exists	Incorporating the database would destroy the consistency of the Predict documentation.
Database with different type exists	A Predict database object with a different database type exists. Incorporating the database would destroy the consistency of the Predict documentation.
Exists in other Network	Unique database number is required and the database already exists in another network. Incorporating the database would destroy the consistency of the Predict documentation.
Access via Vista	The database to be incorporated is only accessible using Vista, but Vista support is not activated in Predict.

## Incorporation Functions for Adabas Databases

### Compare - Code T

Compares (test) the database and the Predict database object and report differences between attributes and file lists. If no differences between the file lists are found and Connect automatic is set to Y, connect the dictionary object to the database.

### Connect - Code C

Connects the database to the existing Predict database object, and

- copies current information from Adabas to Predict object
- writes to the generation log of the object that a corresponding implemented database existed when the connection was established
- connects the checkpoint and security file (if any) of the Adabas database to Predict file objects in the file list of the database with the same file number.

## Incorporate - Code I

### Scope of the Incorporation

- A Predict database object of type A is created and connected to the external object.
- Vista elements for the database are created
  - if Vista is installed and
  - the Vista translation table contains translation elements with this database specified as target.
- The new database object is linked to the current virtual machine.
- If this database has a checkpoint or security file, the following files are added to the file list of the database: SAG-ADA-CHECKPOINT and SAG-ADA-Security.

Specify the following options in an additional input screen before executing the function.

Incorporation Options	
Database ID	The ID of the new database object in Predict (mandatory). The Adabas name of the database is displayed and can be accepted or overwritten. The Adabas name is specified in the ADADEF or the ADAREF utility when creating the database.
List incorporated code	<b>Y</b> The values of all attributes incorporated for the database are listed (optional).

## Incorporate Adabas Database in Batch Mode

Command: INCORPORATE ADABAS-DATABASE

Field	Keyword	Position
Database number from	DBNR-FROM	1
Database number to	DBNR-TO	2
Connect automatic	AUTO-CONNECT	3
Function	SUB-FUNCTION	4
Database ID	DATABASE-ID	5
List incorporated code	LIST	6

Enter the parameters on the next line in positional or keyword form.

### Example

To incorporate the Adabas database with number 188 as 'TEST-DB' and display the database attributes, enter:

```
INCORPORATE ADABAS-DATABASE
DBNR-FROM=188 , DBNR-TO=188 , SUB-FUNCTION=I , DATABASE-ID=TEST-DB , LIST=Y
```

or

```
INCORPORATE ADABAS  
188,188,,I,TEST-DB,Y
```

The example above uses the Natural parameters ID=, and IA==