

## Example: work with data container (actions CNT\_ ...)

```
INT _cntHandle
INT _key
INT _idx
INT _nr
TEXT _valueStr
BOOL _bFound
RECORD NOALIAS (SD.Data) _rec
RECORD NOALIAS (SD.Data) _rec2

BEGIN

    REDIM _rec[10]
    ; creating a container
    CNT_CREATE _cntHandle

    CNT_DEBUG _cntHandle, "CNT1"
    ; filling the container
    _key := 1
    _idx := 1

    DO_LOOP
        ; if _key is an even number, then inserts a text, otherwise a structured variable row
        IF %Mod(_key, 2) = 0 THEN
            _valueStr := %IToStr(_key)
            CNT_INSERT _cntHandle, _key, _valueStr
        ELSE
            CNT_INSERT _cntHandle, _key, _rec[_idx]
            _idx := _idx + 1
            EXIT_LOOP _idx > _rec\DIM
        ENDIF
        _key := _key + 1
    END_LOOP

    ; reading value from the container
    CNT_FIND _cntHandle, 5, _rec[2], _bFound
    IF _bFound THEN
        ; there must be the value
    ENDIF
    ;
    REDIM _rec2[5]
    CNT_FIND _cntHandle, 5, _rec[2], _bFound
    IF _bFound THEN
        ; there must be the value
    ENDIF
    ;
    ; going over all values of the container
    CNT_GETNR _cntHandle, _nr
    CNT_CNVTOARRAY _cntHandle
    ;
    FOR _idx=1 TO _nr DO_LOOP
        ; what value type is in the container?
        IF %Mod(_idx, 2) = 0 THEN
            CNT_GETITEM _cntHandle, _idx, _valueStr
        ELSE
            CNT_GETITEM _cntHandle, _idx, _rec2[3]
        ENDIF
    END_LOOP
    ;

    CNT_DEBUG _cntHandle
    ; destroying the container
    CNT_DESTROY _cntHandle

END
```



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