

FldType.ibeblock Example

```
execute ibeblock (  
    FType integer,  
    FSubType integer,  
    FLen integer,  
    FScale integer,  
    FSegmentSize integer,  
    FCharLen integer,  
    FPrecision integer,  
    SQLDialect integer = 3)  
returns (TypeAsString varchar(200))  
as  
begin  
    TypeAsString = '';  
    if ((FCharLen = 0) or (FCharLen is NULL)) then  
        FCharLen = FLen;  
  
    if (FType = 261) then  
        TypeAsString = ibec_Concat('BLOB SUB_TYPE ', FSubType, ' SEGMENT SIZE'  
, FSegmentSize);  
    else if (FType = 14) then  
        TypeAsString = 'CHAR(' || FCharLen || ')';  
    else if (FType = 37) then  
        TypeAsString = 'VARCHAR(' || FCharLen || ')';  
    else if (FType = 12) then  
        TypeAsString = 'DATE';  
    else if (FType = 13) then  
        TypeAsString = 'TIME';  
    else if (FType = 35) then  
        begin  
            if (SQLDialect = 3) then  
                TypeAsString = 'TIMESTAMP';  
            else  
                TypeAsString = 'DATE';  
        end  
    else if (FType = 7) then  
        begin  
            if ((FScale < 0) or (FSubType = 1) or (FSubType = 2)) then  
                begin  
                    if (FSubType = 2) then  
                        TypeAsString = 'DECIMAL';  
                    else  
                        TypeAsString = 'NUMERIC';  
                    if (FPrecision > 0) then  
                        TypeAsString = TypeAsString || '(' || FPrecision || ',' ||  
(FScale * -1) || ')';  
                    else  
                        TypeAsString = TypeAsString || '(4,' || (FScale * -1) || ')';  
                end  
            end  
        end  
    end  
end
```

```
end
else
    TypeAsString = 'SMALLINT';
end
else if (FType = 8) then
begin
    if ((FScale < 0) or (FSubType = 1) or (FSubType = 2)) then
    begin
        if (FSubType = 2) then
            TypeAsString = 'DECIMAL';
        else
            TypeAsString = 'NUMERIC';
        if (FPrecision > 0) then
            TypeAsString = TypeAsString || '(' || FPrecision || ',' ||
(FScale * -1) || ')';
        else
            TypeAsString = TypeAsString || '(9,' || (FScale * -1) || ')';
        end
    else
        TypeAsString = 'INTEGER';
    end
end
else if (FType = 27) then
begin
    if ((FScale < 0) or (FSubType = 1) or (FSubType = 2)) then
    begin
        if (FSubType = 2) then
            TypeAsString = 'DECIMAL';
        else
            TypeAsString = 'NUMERIC';
        if (FPrecision > 0) then
            TypeAsString = TypeAsString || '(' || FPrecision || ',' ||
(FScale * -1) || ')';
        else
            TypeAsString = TypeAsString || '(9,' || (FScale * -1) || ')';
        end
    else
        TypeAsString = 'DOUBLE PRECISION';
    end
end
else if (FType = 16) then
begin
    if ((FScale < 0) or (FSubType = 1) or (FSubType = 2)) then
    begin
        if (FSubType = 2) then
            TypeAsString = 'DECIMAL';
        else
            TypeAsString = 'NUMERIC';
        if (FPrecision > 0) then
            TypeAsString = TypeAsString || '(' || FPrecision || ',' ||
(FScale * -1) || ')';
        else
            TypeAsString = 'DOUBLE PRECISION';
        end
    end
end
end
```

```
        TypeAsString = TypeAsString || '(18,' || (FScale * -1) || ')';  
    end  
    else  
        TypeAsString = 'BIGINT';  
    end  
    else if (FType = 10) then  
        TypeAsString = 'FLOAT';  
    suspend;  
end
```

From:

<http://ibexpert.com/docu/> - **IBExpert**

Permanent link:

<http://ibexpert.com/docu/doku.php?id=06-ibexpert-ibeblock-examples:extract-metadata-using-ibeblock:fldtype>

Last update: **2023/04/28 02:24**

