TableDDL.ibeblock

```
execute ibeblock (
   Frm variant,
   Op variant)
as
begin
   FldType = ibec_LoadFromFile('E:\IBEBlocks\FldTypeHTML.ibeblock');

   TableID = ibec_uf_GetElementAttribute(Frm, 'TableSelect', 'value', 0);
   sDDL = ´´;
   if (TableID is not null) then
   begin
      select rdb$relation_name from rdb$relations where rdb$relation_id =
:TableID into :sTableName;
      sTableName = ibec_trim(sTableName);
      sDDL = '<B>CREATE TABLE</B> ' || sTableName || '(' || ibec_Chr(13) ||
ibec_chr(10);

      for select rf.rdb$field_name, rf.rdb$field_source,
rf.rdb$field_position,
                 f.rdb$field_type, f.rdb$field_length, f.rdb$field_scale,
                 f.rdb$field_sub_type, f.rdb$field_precision,
f.rdb$character_length,
                 f.rdb$segment_length, rf.rdb$null_flag,
chr.rdb$character_set_name
         from rdb$relation_fields rf, rdb$relations r, rdb$fields f
         left join rdb$character_sets chr on (f.rdb$character_set_id =
chr.rdb$character_set_id)
         where  (rf.rdb$relation_name = r.rdb$relation_name) and
                (rf.rdb$field_source = f.rdb$field_name) and
                (r.rdb$relation_id = :TableID)
         order by 2
         into :FieldName, :fDomain, :FieldPos, :fType, :fLen, :fScale,
:fSubType, :fPrec, fCharLen,
:fSegLen, :fNullFlag, :fCharset
      do
     begin
         sType = ibec_trim(fDomain);
         IsDomainBased = FALSE;
         if (ibec_Copy(sType, 1, 4) <> 'RDB$') then
            IsDomainBased = TRUE;
         execute ibeblock FldType(:fType, :fSubType, :fLen, :fScale,
:fSegLen, :fCharLen, :fPrec, 3)
                  returning_values :FieldType;
         sType = ibec_IIF(IsDomainBased, sType, FieldType);

         if (fNullFlag = 1) then
            sType = sType || ' <B>NOT NULL</B>';
```

```
         if (((fType = 37) or (fType = 14) or (fType = 261)) and
(IsDomainBased = FALSE) and (fCharset is not NULL)) then
         begin
            sType = sType || ' <B>CHARACTER SET</B> ' ||
ibec_trim(fCharset);
         end
         sType = ibec_IIF(IsDomainBased, sType || ' <I>/* ' || FieldType ||
' */</I> ', sType);
         sDDL = sDDL || ' ' || ibec_trim(FieldName) || ' ' || sType || ','
|| ibec_Chr(13) || ibec_chr(10);
         suspend;
      end
      iLen = ibec_Length(sDDL) - 3;
      sDDL = ibec_Copy(sDDL, 1, iLen);
      sDDL = sDDL || ');';
   end

   OldData = ibec_uf_GetFormData(Frm);
   iPos = ibec_Pos('<P ID="FAKE">', OldData);
   if (iPos > 0) then
      OldData = ibec_Copy(OldData, 1, iPos + 12);

   sDDL = OldData || '<P>The DDL of the selected table is:</P><P></P><PRE>'
|| sDDL || '</DDL>';

   ibec_uf_SetFormData(Frm, sDDL);
   ibec_uf_SetElementAttribute(Frm, 'TableSelect', 'value', TableID, 0);
end
```

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