

Creating an UPDATE script with domain descriptions

The following IBEBlock creates a script with UPDATE statements for all database domains that have a description:

```
execute ibeblock
as
begin
  FHSQL = ibec_fs_OpenFile('D:\DomDescs.sql', __fmCreate);
  FHblobs = ibec_fs_OpenFile('D:\DomDescs.lob', __fmCreate);
  if ((not FHSQL is null) and (not FHblobs is null)) then
    begin
      ibec_fs_Writeln(FHSQL, 'SET BLOBFIL 'D:\DomDescs.lob'';');
      ibec_fs_Writeln(FHSQL, '');
      for select rdb$field_name, rdb$description
        from rdb$fields
        where (rdb$description is not null)
        order by 1
        into :FieldName, :FieldDesc
      do
        begin
          if (FieldDesc <> '') then
            begin
              FieldName = ibec_Trim(FieldName);
              iOffs = ibec_fs_Position(FHblobs);
              iLen = ibec_fs_WriteString(FHblobs, FieldDesc);
              sParamName = ':h' || ibec_IntToHex(iOffs, 8) || '_' ||
ibec_IntToHex(iLen, 8);
              UpdStmt = 'UPDATE RDB$FIELDS' || ibec_Chr(13) || ibec_Chr(10) ||
                'SET RDB$DESCRIPTION = ' || :sParamName ||
                ibec_Chr(13) || ibec_Chr(10) ||
                'WHERE (RDB$FIELD_NAME = '' || FieldName || '')';
              ibec_fs_Writeln(FHSQL, UpdStmt);
              ibec_fs_Writeln(FHSQL, '');
            end
          end
          ibec_fs_Writeln(FHSQL, 'COMMIT WORK;');
          ibec_fs_CloseFile(FHSQL);
          ibec_fs_CloseFile(FHblobs);
        end
      commit;
    end;
end;
```

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