Recreating indices 1

The following example illustrates how to recreate database indices:

```
execute ibeblock
returns (info varchar(1000))
as
begin
  i = 0;
  for select i.rdb$index_name, i.rdb$relation_name, i.rdb$unique_flag,
             i.rdb$index_inactive, i.rdb$index_type
      from rdb$indices i
      left join rdb$relation_constraints rc on (i.rdb$index_name =
rc.rdb$index_name)
      where (i.rdb$system_flag is null) and (rc.rdb$index_name is null)
      into :IdxName, :IdxRelName, :IdxUnique, :IdxInactive, :IdxType
  do
  begin
    sFields = ´´;
    for select rdb$field_name from rdb$index_segments
        where rdb$index_name = :IdxName
        order by rdb$field_position
        into :ifields
    do
    begin
      if (sFields <> ´´) then
        sFields = sFields || ', ';
      sFields = sFields || ibec_formatident(ibec_trim]ifields));
    end
   DropStmt[i] = 'drop index ' || ibec_formatident(ibec_trim(IdxName));
    CreateStmt[i] = 'create ' || ibec_iif(IdxUnique = 1, 'unique ', ´´) ||
ibec_iif(IdxType = 1, 'descending ', ´´) ||
                    ' index ' || ibec_formatident(ibec_trim(IdxName)) ||
                    ' on ' || ibec_formatident(ibec_trim(IdxRelName)) || '
(' || sFields || ')';
    i = i + 1;
  end
  i = 0;
  while (i <= ibec_high(DropStmt)) do
  begin
    s = DropStmt[i];
    info = s;
    suspend;
    ibec_progress(info);
    execute statement :s;
    commit;

    s = CreateStmt[i];
    info = s;
```

```
    suspend;
    ibec_progress(info);
    execute statement :s;
    commit;

    i = i + 1;
  end
end
```

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