

# ibec\_ds\_Locate

Locates single or multiple specified search values in a dataset.

## Description

ibec\_ds\_Locate locates single or multiple specified search values in a dataset. If KeyFields lists a single field, KeyValues specifies the value for that field on the desired record. To specify multiple search values, pass a variant array as KeyValues, or construct a variant array on the fly using the ibec\_Array function.

## Syntax

```
function ibec_ds_Locate(Dataset : variant; KeyFields : string;
                        KeyValues : array of variant; Options : integer) :
Boolean;
```

ibec_ds_Locate	searches Dataset for a specified record and makes that record the active record.
KeyFields	is a string containing a semicolon-delimited list of field names in which to search.
KeyValues	is a variant array containing the values to match in the key fields.

## Examples

```
ibec_ds_Locate('Company;Contact;Phone', ibec_Array('Sight Diver', 'P',
'408-431-1000'), __loPartialKey);
```

or

```
Keys[0] = 'Sight Diver';
Keys[1] = 'P';
Keys[2] = '408-431-1000';
ibec_ds_Locate('Company;Contact;Phone', Keys, __loPartialKey);
```

Options is a set of flags that optionally specifies additional search latitude when searching on string fields. If Options contains the **loCaseInsensitive** flag, then **ibec\_ds\_Locate** ignores case when matching fields. If Options contains the **loPartialKey** flag, then **ibec\_ds\_Locate** allows partial-string matching on strings in KeyValues. If Options is 0 or NULL or if the KeyFields property does not include any string fields, Options is ignored. This function returns True if a record is found that matches the specified criteria and the cursor repositioned to that record. Otherwise it returns False.   
=== Example  
=== execute ibecblock returns (FieldName varchar(100)) as begin select \* from rdb\$relation\_fields as dataset ds; try ibec\_ds\_Sort(ds, 'RDB\$RELATION\_NAME, RDB\$FIELD\_POSITION'); res = ibec\_ds\_Locate(ds, 'RDB\$RELATION\_NAME', 'RDB\$FIELDS', loPartialKey); while (res) do begin FieldName = ibec\_ds\_GetField(ds, 'RDB\$FIELD\_NAME'); FieldName = ibec\_Trim(FieldName); suspend; ibec\_ds\_Next(ds); res = not ibec\_ds\_EOF(ds); if (res) then begin RelName = ibec\_Trim(ibec\_ds\_GetField(ds, 'RDB\$RELATION\_NAME')); res = RelName = 'RDB\$FIELDS'; end; end;

finally ibec\_ds\_Close(ds); end; end

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Last update: **2023/07/06 04:49**

