

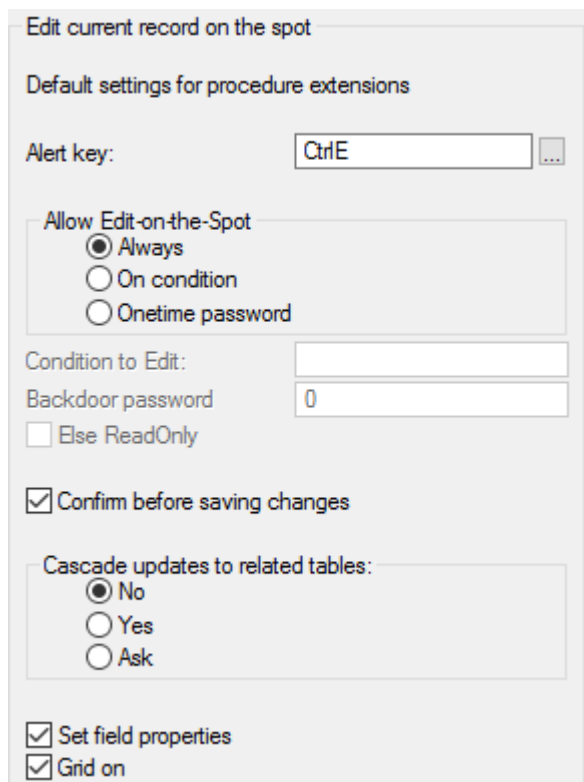
Edit-On-The-Spot – Beta 6

While developing, testing and supporting applications one frequently have to fully examine records being created and maintained by the system. Most browses and forms do not show all the columns in a record, only the fields applicable to a specific function.

Tools like TopScan allows you to browse a table and examine and edit any of the columns. For SQL one can use SQL Management Studio or similar programs. In all the cases you need to start up an external program and then have to find the specific record you want to check or edit.

The class and templates for **Edit-On-The-Spot** were created to be able to examine and edit any record from any file driver directly from inside the program where that record is used or displayed, normally from inside a browse. This can be implemented by two simple templates without any coding:

Global Extension per APP



Alert key A key or combination not already in use to activate the edit function

Allow Edit-on-the-Spot

- Always Unconditionally allow editing. Not advisable in a production environment
- On condition True or False variable or expression
- Onetime password The program will generate a random number which when entered into the Onetimepassword program will generate a password. See the BrowseAnyTable discussion

Condition to Edit A global variable, Clarion code or function which when 'True', allows editing, for instance if the current user is an administrator or supervisor

Edit-On-The-Spot – Beta 6

Backdoor password	Set this to gain access to this function without the need to generate a onetime password
Else ReadOnly	Allow to view record in Read-only mode if the condition is not true
Confirm before saving changes	If this is On: Click on <i>Save</i> and you will be prompted for confirmation in case of any changes If this is Off: Click on <i>Ok</i> and changes will be saved automatically
Cascade updates to related tables	Default action when editing records: <ul style="list-style-type: none">• No Only change the record• Yes Change record and cascade to related tables• Ask Confirm changes with <i>Yes</i> or <i>Cascade</i>
Set field properties	Set pictures for column as defined in the Dictionary. If not, all columns are considered to be strings
Grid on	Switch on the Underline property for the edit list box

Edit-On-The-Spot – Beta 6

Procedure Extension

Edit current record on the spot

Table: ...

Alert key: ...

Fetch with Key: ...

Allow Edit-on-the-Spot

Always

On condition

Onetime password

Condition to Edit:

Backdoor password

Else ReadOnly

Select Fields to disable - will be ReadOnly

Select Fields to Hide - will not be displayed

Confirm before saving changes

Cascade updates to related tables:

No

Yes

Ask

Set field properties

Grid on

Table	Table to edit. Normally the primary table in a browse
Alert key	A key or combination not already in use in this procedure to activate the edit function
Fetch with key	Key to fetch the record with for editing. Normally the primary key and the key components must be in the hot list
Allow Edit-on-the-Spot	
<ul style="list-style-type: none">• Always	Unconditionally allow editing. Not advisable in a production environment
<ul style="list-style-type: none">• On condition	True or False variable or expression
<ul style="list-style-type: none">• Onetime password	The program will generate a random number which when entered into the Onetimepassword program will generate a password. See the BrowseAnyTable discussion
Condition to Edit	A global variable, Clarion code or function which when 'True', allows editing, for instance if the current user is an administrator or supervisor

Edit-On-The-Spot – Beta 6

Else ReadOnly	Allow to view record in Read-only mode if the condition is not true
Select fields to disable – will be ReadOnly	Typically the Identity field in a SQL database
Select fields to hide – will not be displayed	Images or fields containing binary data or sensitive data
Confirm before saving changes	If this is On: Click on <i>Save</i> and you will be prompted for confirmation in case of any changes If this is Off: Click on <i>Ok</i> and changes will be saved automatically
Cascade updates to related tables	Default action when editing records: <ul style="list-style-type: none"> • No Only change the record • Yes Change record and cascade to related tables • Ask Confirm changes with <i>Yes</i> or <i>Cascade</i>
Set field properties	Set pictures for column as defined in the Dictionary. If not, all columns are considered to be strings
Grid on	Switch on the Underline property for the edit list box

More than one instance of the template may be in use in a procedure, for instance where more than one browse box is active. The same or different Alert keys may be used.

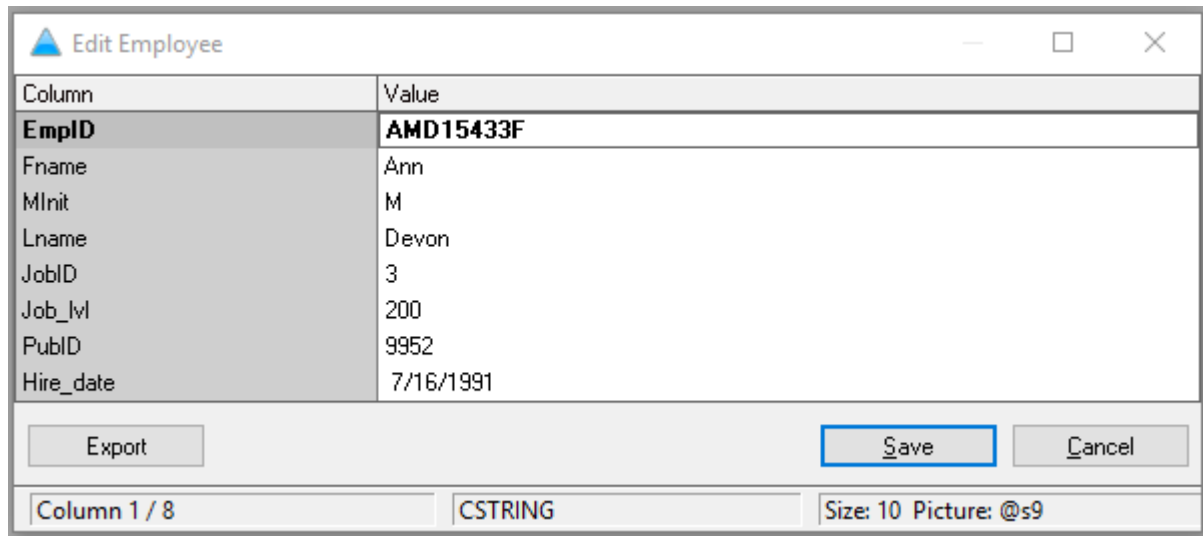
Example in abcbrws APP

Column	Value
EmpID	AMD15433F
Fname	Ann
MInit	M
Lname	Devon
JobID	3
Job_lvl	200
PubID	9952
Hire_date	7/16/1991

Column 1 / 8
CSTRING
Size: 10 Picture: @s9

Edit-On-The-Spot – Beta 6

With Grid Off



The screenshot shows a window titled "Edit Employee" with a table of employee data. The table has two columns: "Column" and "Value". The data is as follows:

Column	Value
EmpID	AMD15433F
Fname	Ann
MInit	M
Lname	Devon
JobID	3
Job_lvl	200
PubID	9952
Hire_date	7/16/1991

Below the table are three buttons: "Export", "Save", and "Cancel". The "Save" button is highlighted with a blue border. At the bottom of the window, there is a status bar with three fields: "Column 1 / 8", "CSTRING", and "Size: 10 Picture: @s9".

General

- The edit window will be sized automatically depending on the number of columns. By default, the window will be sized to display a maximum of 20 columns but the window may be resized to show more
- If the window is resized, the size will be remembered for the current session only
- The font type and size will be the same as the window from the calling procedure
- No need to press enter (like in TopScan) to edit a field. The function is always in edit mode
- The column name for the active column is displayed in bold
- Information about the column is displayed in the status bar
- If the field is longer than the picture as found in the DCT indicates, a warning will be displayed and a larger picture used
- Long strings will be edited in a Text box
- Changes to the record will be detected and confirmation asked if you want to save it