



# Main screen

**A VFP Project**

**B Column filters**

**C Results**

File	Object/Class	Base Class	Module	Type	Adaptation
bm.vcx	bmcbo	Combobox		Warning	Dynamic list? RowSourceType support is limited to '5-Array'
courriel.scx	courriel	Form	Init	Automated adaptation	Form.init() with parameters
courriel.scx	courriel.chk_mailpre	Checkbox	InteractiveChange	Automated adaptation	Event method: FoxInCloud will adapt code automatically.
courriel.scx	courriel.chk_mailaut	Checkbox	Refresh	Automated adaptation	Refresh Method
courriel.scx	courriel.chk_maildie	Checkbox	InteractiveChange	Automated adaptation	Event method: FoxInCloud will adapt code automatically.
biolaboweb.prg (ø)			biolaboweb	Manual adaptation depending	DO FORM outside of a form member method
cwdata.prg (ø)			cwdata	Advice	SET to execute at application startup
vfpwinsock.prg	vfp_winsoc_send	Custom	WinSock_GetData	Automated adaptation	Modal command or function remarkup

File 'courriel.scx': ignored, excluded from project

**D Status filters**

Review... Reviewed on 01/18/2013 02:29:35 (50 m) Clear

Ignore...

All (50) Reviewed (6) Not reviewed (44) All (50) Ignored (0) Not ignored (50)

**E Code review**

```
E:\... [Calweb\Forms\courriel.scx!courriel.chk_mailautre (mesclasses.vcx!my_checkbox) > Refresh
this.Value = NOT Empty(thisForm.AUTREMAIL.Value)
```

FoxInCloud Adaptation Assistant will condition method execution by:

```
IF NOT (Type('thisForm.wlPropsRestore') == 'L' AND thisForm.wlPropsRestore)
<existing code>
ENDIF
```

Estimated adaptation time: 0 minutes

**F Statistics**

11 Files	46 Modules	Manual adaptations (%) 1.15 %	Quit
31 Classes	609 Instructions	Estimated time (man.days) 1.1 days	
3 Forms	7 Manual adaptations		

The main screen is divided in 6 areas:



**VFP PROJECT**

Use this area to select the VFP project you want to analyze and whether you want to work on the Source code or a Copy of your source code



**COLUMN FILTERS**

Use this area to filter each column of the results table



**RESULTS**

This table displays the results of FoxInCloud analysis of your VFP code



**STATUS FILTERS**

Use these buttons to filter the table according to the status you have assigned to each line in the table



**CODE REVIEW**

This area displays a detailed view of the VFP code associated to the line selected in the results table along with hints and suggestions



**STATISTICS**

This area displays statistics about your VFP project and a workload estimate for your manual adaptations

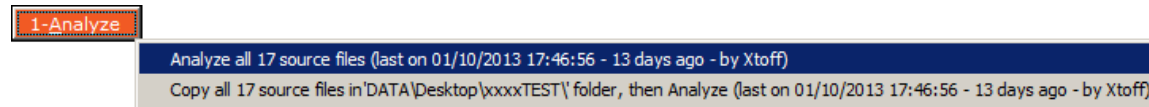


**8** **1-ANALYZE:** Click button to start code analysis (Phase 1). In COPY mode FAA will first make copies of the files in the selected folder (see 6). Once the parsing process has ended, FAA displays the results in the table. FAA keeps track of your work progress and recognizes files that have been updated since last analysis.

You can re-run the analysis at anytime; in COPY mode clicking this button offers 2 options to choose from:

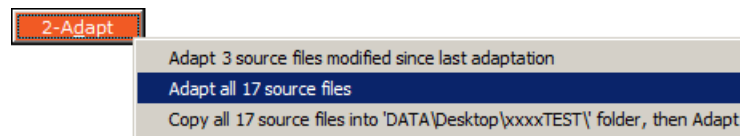
- Analyze all source files
- Copy all source files into folder and then analyze

At the end of the analysis, you are invited to anonymously share your statistics on [www.foxincloud.com](http://www.foxincloud.com). Sharing your statistics with the FoxInCloud community unlocks Phase 2-ADAPT feature (automatic adaptations).



**9** **2-ADAPT:** Click button to start Automatic Adaptations (Phase 2). In COPY mode FAA will adapt updated files only. A Click on this button offers 3 options:

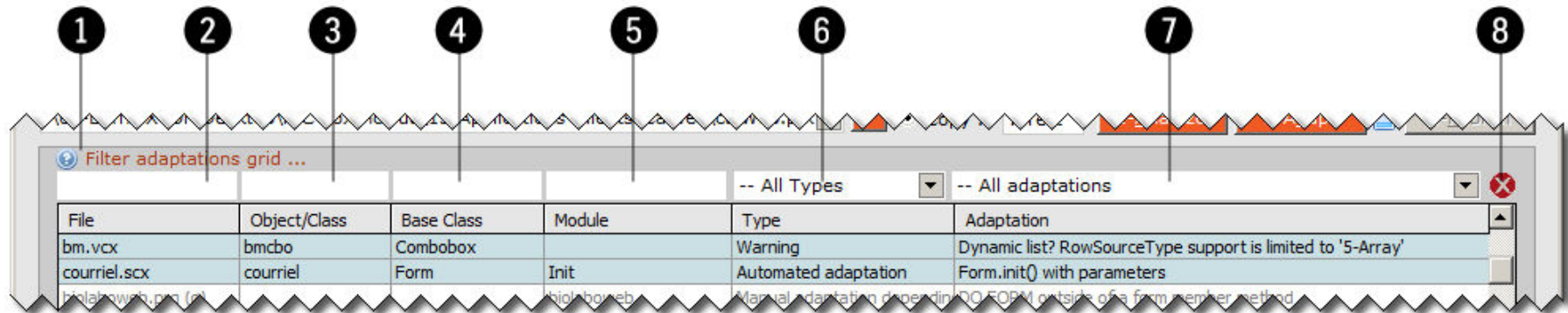
- Adapt source files modified since last adaptation
- Adapt all source files
- Copy all sources files into folder and then adapt.



**10** **LOG FILE:** Click icon to display a detailed log file of your actions with FAA.

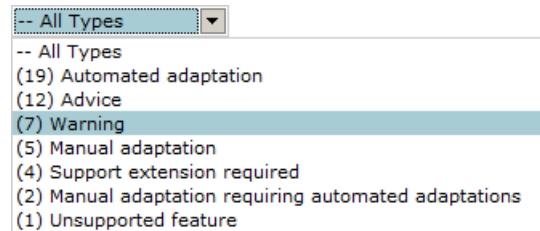
**11** **3-PUBLISH:** Click button to launch Phase 3 and test your adapted application in a web environment (<http://localhost/>). To activate this button you need to have passed Phase 2-ADAPT and shared your stats with the community (see A8).

## B Column Filters

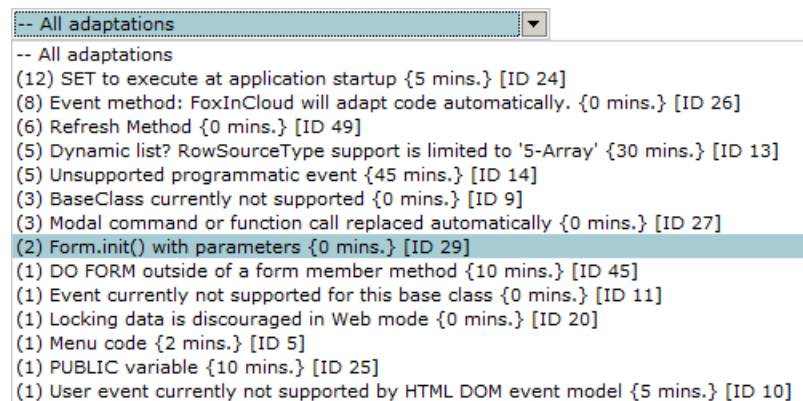


- 1 **HELP:** Click button to get help on Filters.
- 2 **FILE NAME FILTER:** Use this area to filter the FILE column. For example typing “abc”+ENTER displays all files with a name starting with “abc”. Filter is case insensitive.
- 3 **OBJECT/CLASS FILTER:** Use this area to filter the OBJECT/CLASS column. For example typing “abc”+ENTER displays all Objects/Classes with a name starting with “abc”. Filter is case insensitive.
- 4 **BASE CLASS FILTER:** Use this area to filter the BASE CLASS column. For example typing “abc”+ENTER displays all Base Classes with a name starting with “abc”. Filter is case insensitive.
- 5 **MODULE FILTER:** Use this area to filter the MODULE column. For example typing “abc”+ENTER displays all Modules with a name starting with “abc”. Filter is case insensitive.

- 6 **ADAPTATION TYPE FILTER:** Use this combo-box to filter the TYPE column. The content of this combo-box is dependant on the other 4 free filters. There are 7 possible Adaptation Types:



- 7 **ADAPTATION FILTER:** Use this combo-box to filter the ADAPTATION column. The content of this combo-box is dependant on the other 5 filters.



- 8 **CLEAR ALL FILTERS:** Use this button to clear all filters and reset the list. This button becomes active if a filter has been applied.



# **C** Results

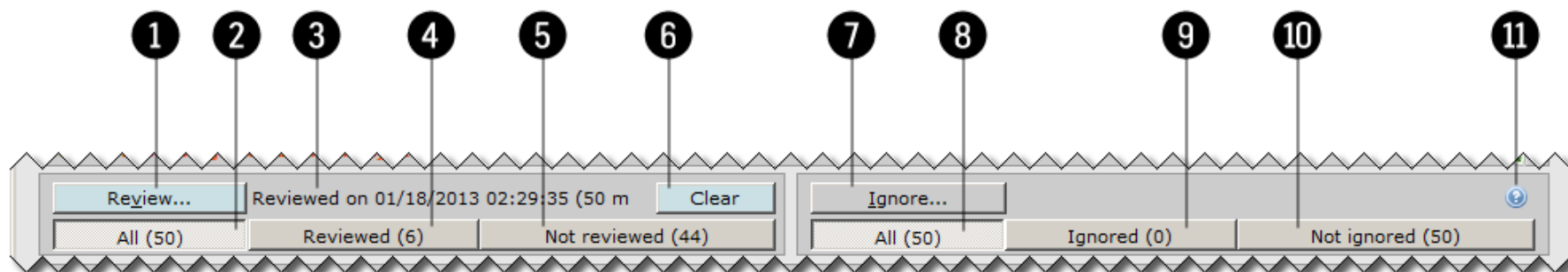
File	Object/Class	Base Class	Module	Type	Adaptation
<b>biolaboweb.prg (e)</b>			<b>biolaboweb</b>	<b>Advice</b>	<b>SET to execute at application startup</b>
biolaboweb.prg (e)			biolaboweb	Manual adaptation dependent	DO FORM outside of a form member method
cwdata.prg (e)			cwdata	Advice	SET to execute at application startup
bm.vcx	bmtbr	Toolbar		Support extension required	BaseClass currently not supported
bm.vcx	bmfrs	Formset		Support extension required	BaseClass currently not supported
bm.vcx	bmlst	Listbox		Warning	Dynamic list? RowSourceType support is limited to '5-Array'
bm.vcx	bmcbx	Combobox		Warning	Dynamic list? RowSourceType support is limited to '5-Array'
<i>vfpwinsock.prg</i>	<i>vfp_winsock_send_Custom</i>		<i>WinSock_GetData</i>	<i>Automated adaptation</i>	<i>Modal command or function replaced automatically</i>

File 'biolaboweb.prg': excluded from project

- 1 **SELECTED line:** The selected line is highlighted in orange. Double click a line to display the corresponding code module in the VFP IDE. Double-click the line to review the code.
- 2 **IGNORED line:** A line with status set to 'Ignored' is displayed in gray with a light gray background. This status can be reset at any time (see D7).
- 3 **STATUS INFO:** When available, this area displays additional information regarding the selected line.
- 4 **NOT REVIEWED and NOT IGNORED line:** A white background means the line is 'Not Reviewed' AND 'Not ignored'. This status can be modified at any time (see D1, D7).
- 5 **REVIEWED line:** A light blue background and the status 'Reviewed' is automatically assigned when a line has been reviewed. This status can be reset at any time (see D6).
- 6 **THIRD PARTY MODULE:** Third party modules compatible with FoxinCloud are displayed in italic.
- 7 **EXPORT REPORT:** Click button to create an MS.Excel report (.xls) of your table.



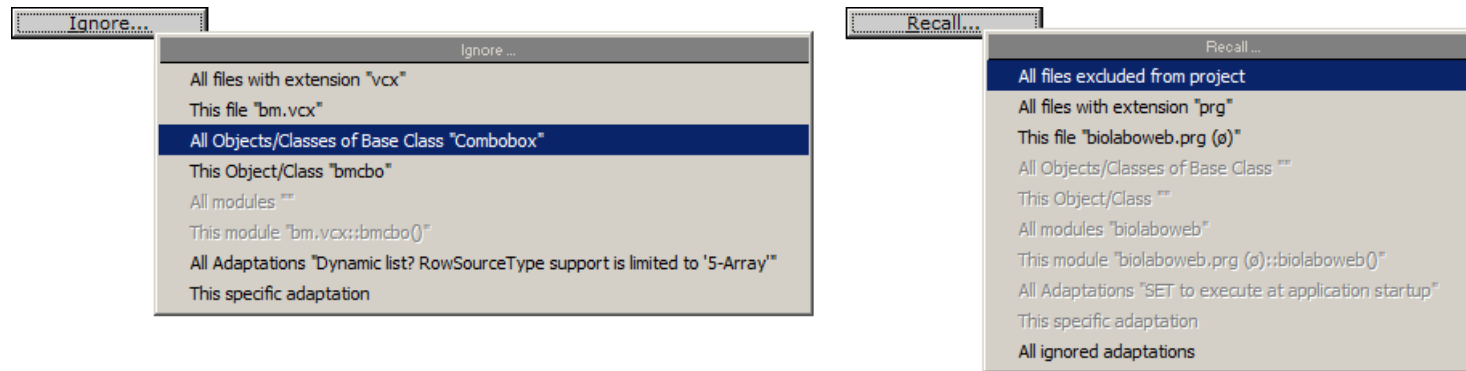
## D Status Filters



- 1 **REVIEW...:** This button opens (in edit mode) the VFP code pertaining to the line selected in the table. The status “Reviewed” symbolized by a light blue background is automatically associated to the line (shortcut: double-click the line in the table).
- 2 **ALL (Reviewed/Not reviewed):** This button displays ‘Reviewed’ and ‘Not reviewed’ lines in the table according to the ‘Ignore/Not ignored’ filter setting. A counter displays the corresponding number of lines in table.
- 3 **REVIEWED ON:** Displays the date and time of review for the selected line in table. Empty if the selected line status is not set to ‘reviewed’.
- 4 **REVIEWED:** This button filters the table to display lines with status ‘Reviewed’ (light blue background) according to the ‘Ignore/Not ignored’ filter setting; the counter shows the number of lines associated with this status.
- 5 **NOT REVIEWED:** This button filters the table to display lines with status ‘not reviewed’ according to the ‘Ignore/Not ignored’ filter setting; the counter shows the number of lines associated with this status.
- 6 **CLEAR:** This button resets line status from ‘Reviewed’ to ‘Not reviewed’ for the selected line and removes the light blue background of that line. The button is only displayed when a line with status ‘reviewed’ is selected in the table.

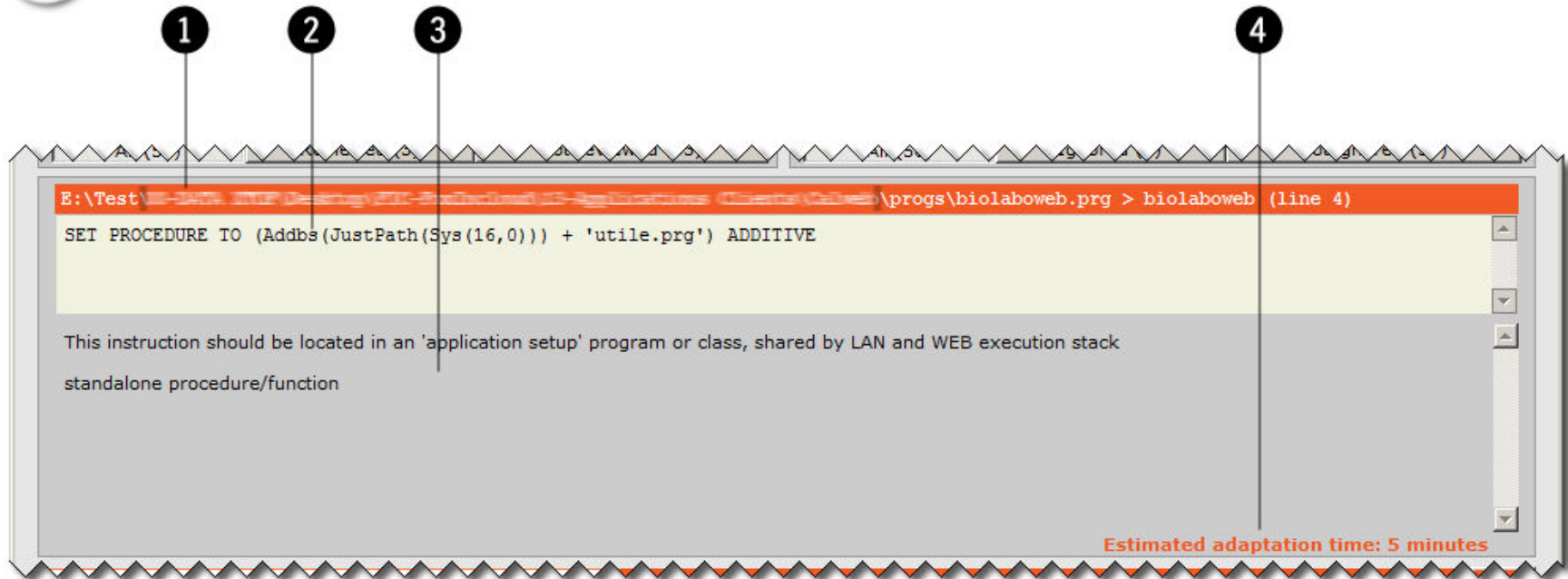
- 7 IGNORE/RECALL:** This toggle button changes the status of the selected line from ‘Not ignored’ to ‘Ignored’ and vice versa. By default all lines have status ‘Not ignored’. A line with status ‘Ignored’ is symbolized by a light gray background and a reminder is displayed at the bottom of the table (see C3). Assign status ‘Ignored’ if you don’t want the line to be adapted. A click on this button shows a contextual menu offering multiple options to extend the ‘Ignore/Not ignored’ status to other items (shortcut: right-click the line in the table):

Examples:



- 8 ALL (Ignored/Not ignored):** This button displays all lines with status ‘Ignored’ and ‘Not ignored’ according to the ‘Review/Not reviewed’ filter setting. A counter displays the corresponding number of lines in table
- 9 IGNORED:** This button filters the table to display lines with status ‘Ignored’ (light gray background) according to the ‘Review/Not reviewed’ filter setting; the counter shows the number of lines associated with this status.
- 10 NOT IGNORED:** This button filters the table to display lines with status ‘Not ignored’ according to the ‘Review/Not reviewed’ filter setting; the counter shows the number of lines associated with this status.
- 11 HELP:** Click button to get help.

## **E** Code review



The screenshot shows a code review window with the following elements:

- 1**: A callout pointing to the file path in the command prompt: `E:\Test\... \progs\biolaboweb.prg > biolaboweb (line 4)`
- 2**: A callout pointing to the code line: `SET PROCEDURE TO (Addbs(JustPath(Sys(16,0))) + 'utile.prg') ADDITIVE`
- 3**: A callout pointing to the advice text: "This instruction should be located in an 'application setup' program or class, shared by LAN and WEB execution stack standalone procedure/function"
- 4**: A callout pointing to the estimated adaptation time: "Estimated adaptation time: 5 minutes"

- 1** **CODE PATH:** Complete path of the file containing the line selected in the table. Simple click on this item to copy path in your Clipboard.
- 2** **CODE AREA:** displays the Code pertaining to the line selected in the table. Note: Double-click the line in the table to directly edit this code.
- 3** **ADVICE AREA:** displays explanation and/or advice about the manual adaptation to be performed for the line selected in the table.
- 4** **MANUAL ADAPTATION TIME ESTIMATE:** This figure is merely an indicator of the workload pertaining to the code adaptation; it is based on FoxinCloud Professional Services experience.

## **F** Statistics



- 1** **PROJECT STATS:** Total number of files, classes, forms, modules, and instructions in your project and total number of instructions that requires manual adaptation.
- 2** **MANUAL ADAPTATIONS STATS:** Percentage of your code that will not be automatically adapted by FAA. Actually the number of manual adaptations to perform is probably far lower since some parts of your application do not need to be ported on web. In addition remember that with FAA you can phase your webification project and work at your pace.
- 3** **ESTIMATED MANUAL WORKLOAD:** Time estimate in man.days to perform the manual adaptations. Actually this estimate is highly over-rated since it doesn't take into account your learning curve, repetitive changes and the fact that certain parts of your application don't need to be web-enabled.
- 4** **QUIT:** Click button to close FoxinCloud Adaptation Assistant. FAA keeps track of all your settings and work progress so you can safely return to your project at any time.