



**JetViewSoft**  
**Version Update**  
**from V1.40 to V1.50**



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# 1 Introduction

Overview of Version Updates			
Version	Function	Added	Fixed
V1.41	Various errors in the debugger have been fixed		<b>P</b>
	When opening a JetViewSoft workspace a demo message appeared, though a valid license code has been entered.		<b>P</b>
	When activating "View in Browser" via shortcut menu, "Build" was not executed automatically.		<b>P</b>
	JVReadTag() returned undefined values in offline mode.		<b>P</b>
	Wrong image directory for images that have not explicitly been added to the project.		<b>P</b>
	The dialog for inserting the "Navigate()" command could not correctly be aborted with "Cancel".		<b>P</b>
	Wrong date in error report of JetViewRT		<b>P</b>
	With fast paging actions, JVDelayedInit() could be activated, though the page has already been unloaded.		<b>P</b>
	The compiler could not correctly process old communication service documents		<b>P</b>
	Various communication errors have been fixed.		<b>P</b>
JetDBService: No default path in the registry.		<b>P</b>	

<b>Overview of Version Updates</b>			
<b>Version</b>	<b>Function</b>	<b>Added</b>	<b>Fixed</b>
V1.41	Cyrillic keyboard	<b>P</b>	
	"ESC" key for Numpads	<b>P</b>	
	IntelliSense for functions	<b>P</b>	
	Tag names in JetViewSoft may now contain the character "-".	<b>P</b>	
	JetViewRT version control	<b>P</b>	
	Optimized initialization of communication	<b>P</b>	
	The function JVRefreshTags() has been optimized	<b>P</b>	
	Scroll bars may now be configured in "auto" mode	<b>P</b>	

## 2 Enhancements

### 2.1 Write protection during a debug session

During a debug session all opened documents are shown in the title bar with the additional information "- ReadOnly". In general, documents from the project output folder are read only.

### 2.2 Cyrillic keyboard

Now, a cyrillic keyboard is included in the language selection.

### 2.3 "ESC" key for Numpads

An ESC key has been added to the numpad for numeric inputs. This way, inputs can now be canceled when using a touch screen.

### 2.4 IntelliSense for functions

Thanks to the IntelliSense feature, JetViewSoft makes JavaScript programming much simpler. All available functions are displayed during the input process.

### 2.5 Tag names in JetViewSoft may now contain the character "-".

So far, in tag names the character "-" was not allowed.

### 2.6 JetViewRT version control

When invoking a page, JetViewRT checks the version of the most important components and, in case of incompatibilities, will issue a warning message.

### 2.7 Optimized page loading process

Initialization of dynamic components when loading/switching over to a page has been improved.

### 2.8 Optimization of the function JVRefreshTags

So far, the function JVRefreshTags() was carried out using asynchronous JVReagTag() commands. Now, the internal Jet32X-ActiveX function is used for Jet32 communication. This way, for the same functional scope less resources are required.

### 2.9 Scroll bars may now be configured in "auto" mode

Now, for a page the value „auto" may be entered into the property "Enable scrolling". As a result, scroll bars are displayed only if they are required.

## **3 Fixed Software Bugs**

### **3.1 Various errors in the debugger have been fixed**

The debugger has been revised, and several bugs have been fixed.

### **3.2 When opening a JetViewSoft workspace a demo message appeared, though a valid license code has been entered.**

This bug occurred with documents which were automatically loaded with the workspace.

### **3.3 When activating “View in Browser” “Build” was not executed automatically.**

If the option “Build before running Tools” has been checked, the compiler was not activated automatically when “View in Browser” was executed in the project tree via shortcut menu.

### **3.4 JVReadTag() returned undefined values in offline mode.**

In offline mode, the command JVReadTag() returned sometimes an empty string or the value “true” for “boolean” tags. This function has been modified in a way that in offline mode it will always return “0”.

### **3.5 Wrong image directory for images that have not explicitly been added to the project**

Images that have not explicitly been added to the project were stored by the compiler to the directory “./Images/”. However, on the HTML page reference to these images is made via path “./images/”. Therefore, CE devices could not display such images. Now, the compiler stores these images to the correct directory (“./images/”).

### **3.6 The dialog for inserting the “Navigate()” command could not correctly be aborted with “Cancel”**

This bug has been fixed.

### **3.7 Wrong date in error report of JetViewRT**

The JetViewRT error report contained a wrong date.

### **3.8 With fast paging actions, JVDelayedInit() could be activated, though the page has already been unloaded**

The JavaScript function „JVDelayedInit()“ for the OnLoad() event of a page was invoked by the system with delay. With fast paging cycles it could happen that this function was invoked, though the page had already triggered the OnBeforeUnload() event. If this is the case, an interlock now prevents the function “JVDelayedInit()” from being invoked

### **3.9 The compiler could not correctly process old communication service documents**

Communication service documents that have been created in an older version of JetViewSoft (1.2 or before) could not correctly be processed by the compiler. Now, such a file is converted and saved once it is opened. Then, this file has the correct format for the compiler.

### **3.10 Various communication errors have been fixed**

On paging, the communication objects swapped-in into a page are unloaded and removed. With communication via Ethernet, all open requests are immediately cancelled to accelerate this process. So far, this approach caused communication objects, that were still loaded and accessed the same controller, to go offline. Thus, a new connection had to be established.

If a register or flag block has been assigned to a variable, it could happen that the error event “OnCommError” was triggered after the page has been loaded. The resulting message was “No safearray available”.

Both bugs have been fixed in this release.

### **3.11 JetDBService: No default path in the registry**

When registering JetDBService, the path of the default definition file was not entered into the registry. This caused the following error: A file, which was created in JetWebSystem, could not be saved. This bug has been fixed.