

# **TIBCO Business Studio™ iProcess® Add-in**

## **Release Notes**

*Software Release 3.5.1  
February 2012*

## Important Information

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE "LICENSE" FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

This document contains confidential information that is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, The Power of Now, TIBCO ActiveMatrix, TIBCO Business Studio, TIBCO iProcess, TIBCO BusinessWorks, TIBCO PageBus are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

EJB, Java EE, J2EE, JMS and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

THIS SOFTWARE MAY BE AVAILABLE ON MULTIPLE OPERATING SYSTEMS. HOWEVER, NOT ALL OPERATING SYSTEM PLATFORMS FOR A SPECIFIC SOFTWARE VERSION ARE RELEASED AT THE SAME TIME. PLEASE SEE THE README.TXT FILE FOR THE AVAILABILITY OF THIS SOFTWARE VERSION ON A SPECIFIC OPERATING SYSTEM PLATFORM.

THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

Copyright © 2004-2012 TIBCO Software Inc. ALL RIGHTS RESERVED.

TIBCO Software Inc. Confidential Information

# Contents

- Release Notes ..... 1**
- New Features..... 2
  - TIBCO Business Studio™ ..... 2
  - TIBCO Business Studio Forms..... 2
- Migration and Compatibility ..... 3
  - Refining a Search of the Documentation to use Selected Documents..... 3
  - Forms Migration ..... 3
  - TIBCO iProcess Engine Compatibility ..... 4
- Closed Issues ..... 5
  - TIBCO Business Studio ..... 5
  - TIBCO Business Studio Forms..... 8
- Known Issues..... 9
  - TIBCO Business Studio ..... 9
  - TIBCO Business Studio Forms..... 33



# Release Notes

Check the TIBCO Product Support web site at <http://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

## Topics

---

- [New Features, page 2](#)
- [Migration and Compatibility, page 3](#)
- [Closed Issues, page 5](#)
- [Known Issues, page 9](#)

## New Features

---

This section lists features added since version 3.4 of this product.

- [TIBCO Business Studio™](#)
- [TIBCO Business Studio Forms](#)

### TIBCO Business Studio™

- A helper function is provided to help you to translate imported iProcess script constructs to TIBCO Business Studio Javascript.
- Support of sub-process/interface array-parameters and mapping to them. Provided for compatibility with this new ability in TIBCO iProcess® Engine 11.3.
- There is support for iProcess custom EAI step types, and other standard iProcess EAI step types (such as EAI Java and the other EAI steps that are based on EAI Java) that were not previously supported in TIBCO Business Studio.
- When Prediction has been enabled for a process, TIBCO iProcess Modeler™ allows you to specify a predicted duration for a complete process. You could previously only specify predicted duration for individual tasks.

### TIBCO Business Studio Forms

No new features in this release.

## Migration and Compatibility

---

You can migrate projects created in a previous version of the product with a single action: right-click > **Quickfix** from the Problems view. See the *TIBCO Business Studio Process Modeling Guide* for more information.

### Refining a Search of the Documentation to use Selected Documents

The TIBCO Business Studio iProcess Add-in includes documentation which covers both the BPM Edition and the iProcess Add-in of TIBCO Business Studio. To tailor the results of a search of the help to only show those parts of the documentation you want (for example to exclude BPM documentation from your search, and concentrate on iProcess information):

1. Go to **Help > Help Contents**.
2. Select **Search scope**:
3. Select **Search only the following topics**: and click **New**.
4. Give your search scope a name in **List name**; select the documentation you want to include in your search and click **OK**.
5. Your new search will be shown in a list of any searches you have set up. Click **OK** to go to that search.
6. In the Search box, enter the search terms. The results will only include documentation from the sub-set included in the search scope you set up.

### Forms Migration

For information about migrating forms created in previous version, see *TIBCO Business Studio Forms User's Guide*.

## TIBCO iProcess Engine Compatibility

TIBCO Business Studio is forwards compatible with the following iProcess versions. To take full advantage of the features in any component, you need to specify the latest version of it in your preferences.



TIBCO Business Studio is compatible with certain earlier versions of iProcess software not listed in this table. However, to ensure you have the latest service pack bug fixes and security updates, use the versions listed.

TIBCO Business Studio	TIBCO iProcess Add-In	TIBCO iProcess Engine	TIBCO iProcess Technology Plug-ins	TIBCO iProcess Web Services Plug-in	TIBCO iProcess Workspace (Browser)	TIBCO iProcess Workspace (Windows)	TIBCO iProcess Workspace Lite	TIBCO iProcess Conductor
3.5.2	3.5.1	11.0+	11.2+	10.6.1+	11.3+	11.0+	1.2	11.2+
3.5.2	3.5	11.0+	11.2+	10.6.1+	11.3+	11.0+	1.2	11.2+
3.4	3.4	11.0+	11.2+	10.6.1+	11.3+	11.0+	1.2	11.2+

TIBCO iProcess Workspace (Windows) should match TIBCO iProcess Engine in terms of its first two digits.

If you have any queries regarding product compatibility with this version of TIBCO Business Studio, please contact TIBCO Support for further assistance.



## Closed Issues

---

The section lists issues that were closed in this release.

- [TIBCO Business Studio](#)
- [TIBCO Business Studio Forms](#)

### TIBCO Business Studio

This section lists issues that were closed for TIBCO Business Studio in the named releases.

Closed in Release	Key	Summary
3.5.1	SIA-108	Process web-service tasks can fail to run after drag-drop deployment of an iProcess project with web-services (the end-point aliases are not replaced).
3.5.1	SIA-106	When using TIBCO Business Studio 3.5.2 and TIBCO Business Studio™ iProcess® Add-in 3.5.0, processes containing Java Service tasks were not available in the deploy module list for an iProcess deployment server.

Closed in Release	Key	Summary
3.5.1	SIA-105	<p>If using the destination environment iProcess Engine 11.3+ there were the following issues:</p> <ul style="list-style-type: none"> <li>• Deployment of processes with BusinessWorks Service Tasks - the Select Endpoint wizard was not displayed.</li> <li>• Deployment of processes with Web Service Tasks - the Select Endpoint wizard was not displayed.</li> <li>• Deploying XPDL to iProcess deploy server did not prevent deployment when there were iProcess Engine 11.3+ problem markers.</li> <li>• Exporting an xpdL to TIBCO iProcess XPDL was not prevented when there were iProcess Engine 11.3+ problem markers.</li> <li>• The JavaScript method IPETaskNameUtil.GETTASKNAME( ) would not be converted to an iProcess expression correctly on export/deploy when iProcess Engine 11.3+ version was selected</li> </ul> <p>So for instance <b>Field</b> =  <b>IPETaskNameUtil.GETTASKNAME("myProcess", "ScriptTask");</b>  would be converted to the expression <b>FIELD := "ScriptTask"</b> in the exported iProcess XPDL instead of <b>FIELD := "SCRIPTAS"</b>.</p>
3.5.0	XPDL-1106	Import of ARIS process XML had migration problems.
3.5.0	SIA-37	The "IPEProcessNameUtil" and "IPETaskNameUtil" items did not appear in the list for the context menu of the Script task.
3.5.0	SIA-55	iProcess JavaScript escaped quotes in strings were not converted correctly to iProcess script escaped strings.
3.5.0	SIA-54	<p>TIBCO iProcess® Conductor Order Step did not have a validation rule that a referenced Ad-hoc Event Step must be configured as <b>public</b>.</p> <p>TIBCO iProcess® Conductor Orchestrator &gt; Start Plan step did not have validation rule that a referenced callback task must be configured as <b>public</b>.</p>
3.5.0	SIA-48	TIBCO Business Studio allowed two consecutive parallel join gateways for iProcess processes.
3.5.0	SIA-66	The resultset creation documentation for a Database service task has been moved into the <i>TIBCO Business Studio BPM Implementation</i> guide

Closed in Release	Key	Summary
3.5.0	SIA-70	The "Is a Transaction" check box on re-usable sub-process has no significance to iProcess and we now validate against its use.
3.5.0	SIA-81	BW Service Task: a validation rule was required to ensure that all custom timeout values are set once one has been set. This is now provided.
3.5.0	SIA-84	Script Editor showed an unexpected validation error for XSLT in a WebService task. This has now been resolved.
3.5.0	SIA-80	A duplicate activity name could be created during Process deployment. This now generates a problem marker.

Closed in Release	Key	Summary
3.5.0	SIA-38, SIA-46	<p>The following outstanding issues have been fixed:</p> <ul style="list-style-type: none"> <li>• Error messages appeared within the routing process and datafields when importing .XPDLs from TIBCO Workspace to TIBCO ActiveMatrix<sup>®</sup> BPM.</li> <li>• It was possible for iProcess Modeler export to duplicate processes in the XPDL. Duplicate processes are now ignored when importing an iProcess XPDL.</li> <li>• Complex router with multiple input and multiple output should be imported as a task type none.</li> <li>• iProcess Modeler could not clean up calls to a sub-process after the user removed I/O parameters from the sub-process / process template. Sub-process mappings to non-existent sub-process / process interface parameters from sub-process tasks are now removed.</li> <li>• Multiple false (Condition=OTHERWISE) flows from a condition object are not permitted so on import, a parallel split gateway should be inserted (so one default connection is created and the original flows are changed to uncontrolled flow).</li> <li>• On import of a sub-process, formal parameters are created and then assigned to original fields in scripts. The labels of the parameters duplicate those of the labels of the data fields. This now results in a warning message.</li> <li>• Sub-process mapping of text should be allowed to a Performer field as well as from it.</li> <li>• Condition object's description should be transferred to gateway's label and name.</li> </ul>
3.5.0	SIA-40	<p>There was an XPath mapping problem for user defined scripts. This has now been resolved.</p>

## TIBCO Business Studio Forms

No closed issues in this release.

## Known Issues

---

The tables in this section lists known issues in this release.

- [TIBCO Business Studio](#)
- [TIBCO Business Studio Forms](#)

### TIBCO Business Studio

The table in this section lists known issues related to TIBCO Business Studio in this release.

Key	Summary/Workaround
SIA-124	<p><b>Summary:</b> TIBCO Business Studio iProcess Add-in version 3.5.1 cannot be uninstalled.</p> <p><b>Workaround:</b> None.</p>
SIA-82	<p><b>Summary:</b> There is a problem with connection to an https tomcat server.</p> <p><b>Workaround:</b> None.</p>
SIA-24	<p><b>Summary:</b> The username and password cannot be confirmed when the "Test Connection" on the <b>Workspace Server</b> Properties page (either on the wizard or on the server properties dialog) is done. The Test Connection only ensures that the <b>Forms Deployment URL</b> is alive and does not check the username and password.</p> <p><b>Workaround:</b> Correct the username and password in the <b>Workspace Server</b> dialog page and then redeploy.</p>
MR-39720	<p><b>Summary:</b> iProcess Engine: The dot separator in the procedure name when specified as server_name.procedure_name is lost in a database step on import to TIBCO Business Studio.</p> <p><b>Workaround:</b> Re-add the dot separator manually after import.</p>
MR-36620	<p><b>Summary:</b> iProcess: Not all system fields are available in all script locations, but this is not validated.</p> <p><b>Workaround:</b> Take care or test or none as you think best.</p>
1-90DY05	<p><b>Summary:</b> TIBCO Business Studio process array fields that are mapped to WSDL arrays deploy without errors, but fail at runtime.</p> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-8ZM1OR	<p><b>Summary:</b> Carriage returns are not supported in text fields.</p> <p><b>Workaround:</b> Convert the Data Field in TIBCO Business Studio to an unlimited length String, and redeploy the Process.</p>
1-9ZKO5X	<p><b>Summary:</b> Deploying a process to an iProcess Engine server fails when the process label in TIBCO Business Studio exceeds 53 characters.</p> <p><b>Workaround:</b> Ensure that process labels are less than 53 characters. For updated information, refer to the iProcess Engine release notes for the iProcess Engine version to which you are deploying the process.</p>
1-9YTWOD	<p><b>Summary:</b> When running a simulation, the simulation perspective is not always properly reset. This sometimes results in symptoms such as the simulation controls being disabled, the simulation progress data on the Process Editor being either absent or incomplete, and the simulation results window being blank.</p> <p><b>Workaround:</b> Select <b>Window &gt; Reset Perspective</b>.</p>
1-9YU0CZ	<p><b>Summary:</b> If a business object model containing compositions has been exported to XSD format, the order of the transformed composition elements may not be consistent in different transformations.</p> <p>For example, in a business object model diagram <b>Class A</b> has connections of type Composition with <b>Class B</b> and <b>Class C</b>. After it has been exported to XSD format, <b>Class B</b> and <b>Class C</b> become elements of <b>Class A</b>. However in the XSD output, <b>Class B</b> may appear before <b>Class C</b> in one transformation, but <b>Class C</b> before <b>Class B</b> in another.</p> <p>Therefore, in a Transformation step, the order of elements in the XML output may be changed if XPath grammar is used in the <b>Transform</b> tab, and during the change of grammar from XPath to XSLT the elements of the generated XSLT could also be affected.</p> <p><b>Workaround:</b> Change the grammar to XSLT and review the generated document to make sure that the order of elements is correct. The export will not change the order of the elements once XSLT grammar has been selected. See the <i>TIBCO Business Studio™ iProcess Implementation Guide</i> for details of Transformation steps.</p>

Key	Summary/Workaround
1-9YIL89	<p><b>Summary:</b> Work done in offline mode seems to be lost on restarting TIBCO Business Studio.</p> <p>If the connection is in a disconnected state, when you select the <b>Browse for stored procedure</b> button on a Service Task, TIBCO Business Studio tries to connect to the database; it does not attempt to use any schema that may have been saved offline. If the network or remote server is not available this attempt to connect will fail.</p> <p><b>Workaround:</b> Use the <b>Save Offline</b> option whilst connected to the network. If you need to restart work when you are disconnected from the network, select <b>Work Offline</b> on the Data Source Explorer <i>before</i> clicking the <b>Browse</b> option on the Service Task.</p>
1-9YIL6X	<p><b>Summary:</b> There are problems when saving an offline copy of an Oracle database schema, due to technical issues with Eclipse. Stored procedures and database tables cannot be stored offline, and therefore it is not possible to import a business object model in offline mode.</p> <p>See the <i>TIBCO Business Studio iProcess Implementation Guide</i> for details about working offline.</p> <p><b>Workaround:</b> None.</p>
1-9Y8QJ7	<p><b>Summary:</b> A syntax error is received when you deploy to iProcess Engine a process that has an output script specified on a reusable subprocess that invokes a process implementing an interface.</p> <p><b>Workaround:</b> None required. Despite the syntax error message, the process deploys successfully.</p>
1-9XY23T	<p><b>Summary:</b> When long running background activities are taking place (for example, when the 'Building the Workspace' message is displayed) then in some cases process selection dialogs will present incorrect results.</p> <p><b>Workaround:</b> If you see a dialog not display the items you expect, wait for the build to complete and try again.</p>

Key	Summary/Workaround
1-9XY1YP	<p><b>Summary:</b> If you create an iProcess Engine server and enable the workspace server sub-page but choose not to save passwords for either, then on connection you will be prompted only for the iProcess password. The forms will be deployed if you have not set up the WebDAV server to require a password, but you will never be prompted if you do need a WebDAV password. In either case the process package (XPDL file) will be deployed.</p> <p>Furthermore, if you do supply the password on the Workspace server page, but do not save the password, Test Connection prompts you to enter it again.</p> <p><b>Workaround:</b> Set up a separate Workspace server in the deployment servers view, or save the password in the Workspace server sub-page.</p>
1-9XXGB9	<p><b>Summary:</b> In TIBCO Business Studio version 3.2, a WSDL file that has been generated from XPDL (for example, from a start message event) is marked as <b>Derived</b>. This did not apply in previous versions, and WSDL files migrated from previous versions of TIBCO Business Studio are not automatically marked as <b>Derived</b>. A derived file is always overwritten when there are changes to the XPDL file from which it is derived.</p> <p><b>Workaround:</b> If you want to keep a migrated WSDL file synchronized with the XPDL, you should manually set the <b>Derived</b> flag when migrating to release 3.2. You can do this by selecting <b>Properties</b> from the context menu of the WSDL file and selecting the <b>Derived</b> checkbox.</p>
1-9WP7VH	<p><b>Summary:</b> When WSDL is generated from XPDL files, if the WSDL editor is open, changes to the WSDL file are not reflected.</p> <p><b>Workaround:</b> Reopen the WSDL editor.</p>
1-9F26X1	<p><b>Summary:</b> If you do not save the username and password when you configure the TIBCO iProcess Workspace (Browser) server, when you attempt to connect to the server from within TIBCO Business Studio, you receive an error message stating that you are unauthorized to access the server.</p> <p><b>Workaround:</b> Save the password configuration when browser server connection is created. Alternatively, if you encounter this problem, deselect the browser server connection and use a new server for deployment.</p>
1-9EUIY1	<p><b>Summary:</b> You cannot use the command line to generate process package documentation if there are <i>any</i> workspaces open. The expected behavior is that you cannot generate process package documentation if the workspace that contains the package is open.</p> <p><b>Workaround:</b> Close all workspaces before generating process package documentation from the command line.</p>



Key	Summary/Workaround
1-9EUIYV	<p><b>Summary:</b> If you have installed TIBCO® French Language Pack (Eclipse Platform) before installing TIBCO Business Studio, the language pack is not detected.</p> <p><b>Workaround:</b> You must link the language pack plug-ins with the TIBCO Business Studio installation as described in <i>TIBCO Business Studio Installation</i> (post-installation tasks).</p>
1-8ZHAYC	<p><b>Summary:</b> When process string data is mapped to a POJO string parameter, and the POJO string return value is mapped to process Boolean data, the case will fail at run-time.</p> <p>For example, "true" is passed correctly from process to POJO. However, when the POJO service returns a string value (which could be true or false) back to the process Boolean, the conversion of true to a numeric value fails. This is because TIBCO Business Studio Boolean is represented as <b>Number(1)</b> in iProcess.</p> <p><b>Workaround:</b> Avoid mapping POJO string return values to process Boolean data.</p>
1-9DABLW	<p><b>Summary:</b> In the Import Wizard Information dialog there is a XSLT selection browser that allows you to select an XSLT file. This dialog does not list any <b>.xslt</b> files on Linux.</p> <p><b>Workaround:</b> Either manually enter the path to the XSLT file or rename the file extension to <b>.xsl</b>.</p>

Key	Summary/Workaround
1-9DCCY6	<p><b>Summary:</b> When working with multiple TIBCO Business Studio implementations, the SVN <b>Team &gt; Replace With &gt; Latest from Repository</b> command behaves differently depending on whether any local changes have been made.</p> <p>For example, suppose one TIBCO Business Studio user saves a package to the repository, creating revision 57. Another user checks out revision 57. In the mean time, the user who created revision 57 makes more changes and creates revision 58. The user who checked out revision 57 has a working copy that is now out of synch with the repository. If they enter the <b>Team &gt; Replace With &gt; Latest from Repository</b> command, the following will happen:</p> <ul style="list-style-type: none"> <li>• If the user whose working copy is out of synch has made local changes, a pop-up dialog is displayed warning that local changes will be lost. If the user clicks <b>OK</b>, the latest revision from the repository replaces the current working copy and the user is in synch with the repository.</li> <li>• If the user whose working copy is out of synch has <i>not</i> made local changes, no dialog is displayed, but the working copy is not overwritten with the latest revision from the repository.</li> </ul> <p><b>Workaround:</b> If you are sure that you have not made any local changes, use the <b>Team &gt; Update</b> option. If you use this method there is no warning about overwriting your working copy, so be sure that you have not made any local changes that you want to preserve.</p>
1-90DY05	<p><b>Summary:</b> TIBCO Business Studio process array fields that are mapped to WSDL arrays deploy without errors, but fail at runtime.</p> <p><b>Workaround:</b> None.</p>
1-94WBV9	<p><b>Summary:</b> A Process with Service Task that calls a web service operation that has no output parameters and that uses XSLT grammar for the input mapping can be successfully exported to iProcess. The Process works correctly in the runtime environment, however, the EAI definition dialogs for the Service Task show the XSLT output mapping dialog with the radio button set to <b>URL</b>. You cannot progress past this dialog.</p> <p>Manually setting the radio button to <b>Static XSLT</b> and saving the procedure causes the procedure to fail at runtime. This means that it is not possible to modify the input mapping XSLT after it has been exported to iProcess.</p> <p><b>Workaround:</b> None.</p>

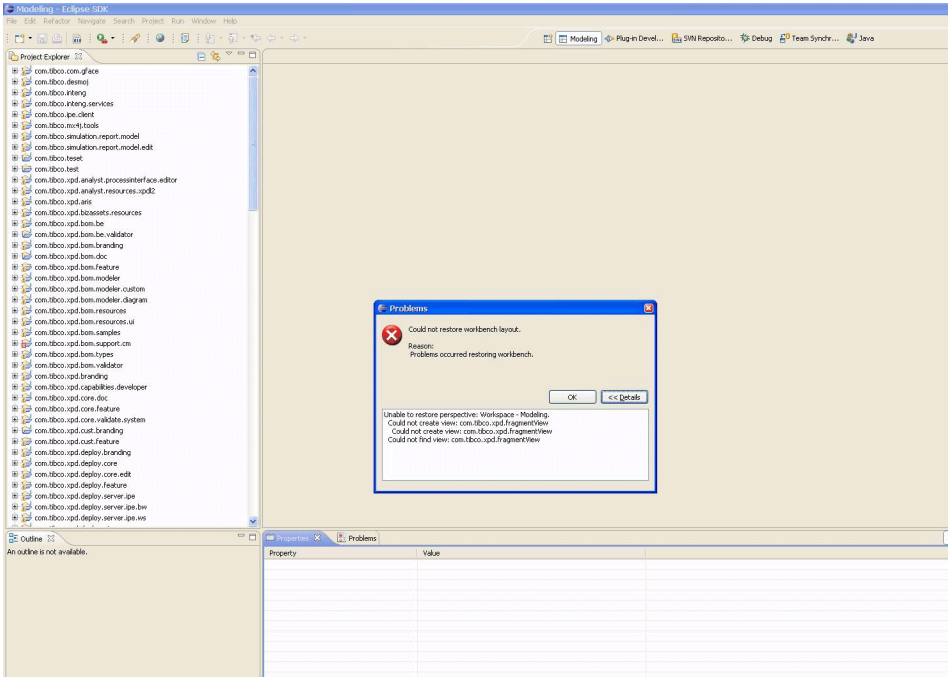
Key	Summary/Workaround
1-8ZPEGX	<p><b>Summary:</b> When a Package file is copied and pasted, duplicate IDs are created and a problem is displayed in the Problems view. This problem prevents deployment until a quick fix is applied to the correct the problem.</p> <p>However, if the original Process was deployed before the Package file was copied and pasted, the Packages with duplicate ID errors have their Modules listed as deployable modules in the <b>Select Modules</b> dialog of the Deployment wizard even though the quick fix has not yet been applied to the correct the duplicate ID problem.</p> <p><b>Workaround:</b> Perform a clean on the Project by selecting the <b>Project &gt; Clean</b> menu option.</p>
1-8ZM1PS	<p><b>Summary:</b> When a process is deployed to iProcess Engine, iProcess does not always take into account how the Normalize Case Data flag has been set for a process.</p> <p><b>Workaround:</b> Provided that the server attribute NORMALISE_CASE_DATA = 1 and there are no existing cases, you can change the settings in the TIBCO iProcess Modeler <b>Procedure Properties</b> dialog.</p>
1-8ZM1OR	<p><b>Summary:</b> Carriage returns are not supported in text fields.</p> <p><b>Workaround:</b> Convert the Data Field in TIBCO Business Studio to an unlimited length String, and redeploy the Process.</p>
1-8ZJMK3	<p><b>Summary:</b> TIBCO Business Studio cannot validate the data type of literals in user defined scripts. This means that if you specify an invalid data type you are not warned.</p> <p><b>Workaround:</b> Make sure you use the correct data type for literals.</p>

Key

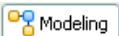
Summary/Workaround

1-8ZHB11

**Summary:** If you have installed TIBCO Business Studio Version 3.0 into your own Eclipse environment, when you uninstall TIBCO Business Studio Version 3.0, the two TIBCO-supplied link files are not removed from your **Eclipse\links** directory. This means that when you next open Eclipse, a workbench error is generated and the image next to Modelling is missing, as shown below.



**Workaround:** Do the following:

1. Click **OK** to close the error dialog.
2. Right-click  and select **Close**.
3. Manually delete the following TIBCO-supplied link files from your **Eclipse\links** directory
  - TIBCOplugins.link
  - TIBCOplugins2.link

Key	Summary/Workaround
1-8ZJM2X	<p><b>Summary:</b> If an XPath script contains a - character after a valid expression, the entire expression is treated as a comment when deployed or exported to iProcess Engine. This can occur, for example, if you insert an extraneous closing comment at the end of a line.</p> <p><b>Workaround:</b> Be careful when using comments in mappings to ensure that your expressions do not contain extraneous characters.</p>
1-8ZJM43	<p><b>Summary:</b> Sometimes, content assist does not display the up to date contents in the XPath Script Editor.</p> <p><b>Workaround:</b> If you change the focus to another view, then return to the mapper, the correct contents will be displayed. In some cases, you may need to restart TIBCO Business Studio.</p>
1-8ZJM4S	<p><b>Summary:</b> There are some tasks for example, Receive, Send task and Intermediate Message events where TIBCO Business Studio does not flag data type mismatch errors for mappings.</p> <p><b>Workaround:</b> None.</p>
1-8ZHB2F	<p><b>Summary:</b> Composite mapping involving a Datetime process Data Field or WSDL datatype does not get exported properly to iProcess Modeler.</p> <p><b>Workaround:</b> None.</p>
1-8ZJMKX	<p><b>Summary:</b> When TIBCO Business Studio is installed for the Business Analyst persona, the implementation details section for the Service Task is visible but you cannot enter any implementation details for the Service Task.</p> <p><b>Workaround:</b> None.</p>
1-8ZHBB8	<p><b>Summary:</b> When creating a new process from a diagram fragment, the Destination Environment is not reflected in the new process.</p> <p><b>Workaround:</b> You have to re-specify the Destination Environment in the new process.</p>

Key	Summary/Workaround
1-8ZHBEV	<p><b>Summary:</b> The following error is displayed if you create a process in an older version of TIBCO Business Studio and then close the older version of TIBCO Business Studio while the Editor is still open. If you then try and open TIBCO Business Studio Version 3.0 using the workspace from the older version of TIBCO Business Studio, you get the following error.</p> <p>Error opening the editor. Reason: The process for this editor no long exists: New process open but not saved on last exit?</p> <p><b>Workaround:</b> Close the Editor before exiting the older version of TIBCO Business Studio.</p>
1-8ZJM7G	<p><b>Summary:</b> When you migrate a Concept Model from an earlier version of TIBCO Business Studio to this version of TIBCO Business Studio, the domain values alias are not migrated, although the domain values are.</p> <p><b>Workaround:</b> You must redefine the domain values alias for the Concept Model.</p>
1-8ZHB35	<p><b>Summary:</b> A Business Object Model file cannot be reopened if its applied UML profile has been deleted, moved or modified.</p> <p><b>Workaround:</b> None.</p>

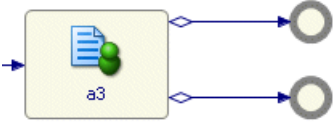
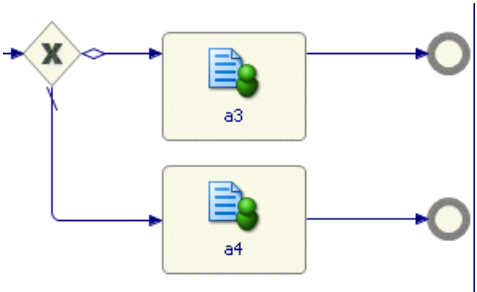
Key	Summary/Workaround
1-8ZJMAD	<p><b>Summary:</b> If you have installed Asset Central, when uninstalling TIBCO Business Studio 3.0, uninstall sometimes hangs when uninstalling Asset Central.</p> <p><b>Workaround:</b> If <b>uninstall</b> has reached the <b>TIBCO Business Studio Asset Central</b> dialog and appears to have hung, close the dialog. <b>Uninstall</b> then completes. You must then manually remove the Asset Central service. To do this:</p> <ol style="list-style-type: none"> <li>1. Open a command prompt.</li> <li>2. Navigate to the directory that contains your Asset Central binary files. For example <i>installation_environment\studio\3.0\assetcentral\bin</i> where <i>installation_environment</i> is the location where you installed TIBCO Business Studio Version 3.0.</li> <li>3. Run the following command:  <pre>Apache.exe -k uninstall -n "AssetCentralService"</pre> <p>where <i>AssetCentralService</i> is the name of your TIBCO Business Studio Asset Central Service.</p> <p>The TIBCO Business Studio Asset Central Service should be successfully removed.</p></li> </ol>
1-8ZHB5U	<p><b>Summary:</b> Mapping data to a parameter whose type is DateTime in a Script Task in a Sub-Process whose destination environment is iProcess Engine is not supported. This is because parameters with a type of DateTime are not supported in iProcess Engine.</p> <p><b>Workaround:</b> None.</p>
1-8ZHB6Y	<p><b>Summary:</b> If you use <b>Import</b> to import a simulation historical case, and the XLS has the <b>Autofilter</b> option set, the import fails. See <a href="http://saloon.javaranch.com/cgi-bin/ubb/ultimatebb.cgi?ubb=get_topic&amp;f=1&amp;t=020238">http://saloon.javaranch.com/cgi-bin/ubb/ultimatebb.cgi?ubb=get_topic&amp;f=1&amp;t=020238</a> for more information.</p> <p><b>Workaround:</b> Deselect the <b>Autofilter</b> option.</p>
1-8ZHAXX	<p><b>Summary:</b> If you update your process interfaces while your WSDL editor is open, the parameters for the web service operations are displayed as <b>Undefined type</b> in your WSDL file.</p> <p><b>Workaround:</b> Close and reopen your WSDL editor to see the updates.</p>

Key	Summary/Workaround
1-8ZJMAS	<p><b>Summary:</b> On Linux, if you select <b>About TIBCO Business Studio &gt; Plug-in Details</b>, you will get an error similiar to the one below:</p> <p>The signature cannot be verified for this signer META-INF/ECLIPSE.RSA in this bundle: /home/linuxuser/ravi/studio/3.0/eclipse/plugins/org.eclipse.platform_3.3.3.r33x_r20080129</p> <p><b>Workaround:</b> You may safely ignore this error.</p>
1-8ZHB7F	<p><b>Summary:</b> If you are installing TIBCO Business Studio on Linux, you may receive the following warnings:</p> <p>libxcb: WARNING! Program tries to unlock a connection without having acquired a lock first, which indicates a programming error. There will be no further warnings about this issue.</p> <p>libxcb: WARNING! Program tries to lock an already locked connection, which indicates a programming error. There will be no further warnings about this issue.</p> <p><b>Workaround:</b> You can safely ignore these warnings.</p>



Key	Summary/Workaround
1-8ZHAZO	<p><b>Summary:</b> If you have a process in TIBCO Business Studio that contains a Web Service Task and you deploy it to iProcess Engine, although the process deploys, you will receive errors similar to the ones displayed below.</p> <pre> ERROR : EAI WEBSERVICES Error : Line 6 &lt;&amp;lt;types&gt;&gt; : &lt;Type&gt; must be in &lt;Inputs&gt;, &lt;Input&gt; and plugin section ERROR : EAI WEBSERVICES Error : Line 92 &lt;&amp;lt;/types&gt;&gt; : &lt;/Type&gt; found before &lt;Type&gt; or in wrong section ERROR : EAI WEBSERVICES Error : Line 101 &lt;&amp;lt;input message="tns:CorticonRequestIn"/&gt;&gt; : &lt;Input&gt; must be in &lt;Inputs&gt; and plugin section ERROR : EAI WEBSERVICES Error : Line 109 &lt;&amp;lt;input&gt;&gt; : &lt;Input&gt; must be in &lt;Inputs&gt; and plugin section ERROR : EAI WEBSERVICES Error : Line 111 &lt;&amp;lt;/input&gt;&gt; : &lt;/Input&gt; found before &lt;Input&gt; or in wrong section ERROR : EAI WEBSERVICES Error : Line 127 &lt;&amp;lt;types&gt;&gt; : &lt;Type&gt; must be in &lt;Inputs&gt;, &lt;Input&gt; and plugin section ERROR : EAI WEBSERVICES Error : Line 213 &lt;&amp;lt;/types&gt;&gt; : &lt;/Type&gt; found before &lt;Type&gt; or in wrong section ERROR : EAI WEBSERVICES Error : Line 222 &lt;&amp;lt;input message="tns:CorticonRequestIn"/&gt;&gt; : &lt;Input&gt; must be in &lt;Inputs&gt; and plugin section ERROR : EAI WEBSERVICES Error : Line 230 &lt;&amp;lt;input&gt;&gt; : &lt;Input&gt; must be in &lt;Inputs&gt; and plugin section }ERROR : EAI WEBSERVICES Error : Line 232 &lt;&amp;lt;/input&gt;&gt; : &lt;/Input&gt; found before &lt;Input&gt; or in wrong section ERROR : EAI WEBSERVICES Error : Line 267 &lt;&lt;Root_Element&gt;SW_FIELDS&lt;/Root_Element&gt;&gt; : &lt;Root_Element&gt; not in &lt;Translations&gt;, &lt;Translation_Output&gt; and plugin section ERROR : EAI WEBSERVICES Error : Unmatched token ERROR : EAI WEBSERVICES Error : Unmatched token </pre> <p><b>Workaround:</b> You can safely ignore these errors.</p>
1-8ZHB8T	<p><b>Summary:</b> CTRL + Z (Undo) does not work from the Process Interface Properties View, if the Properties View is the only view that has focus.</p> <p><b>Workaround:</b> Make sure that the Project Explorer or Editor also has focus before changing a property on the Process Interface Properties View.</p>
1-720AU7	<p><b>Summary:</b> TIBCO Business Studio allows you to move a Lane between Pools even when there are Sequence Flows from objects contained within the Lane. This results in Sequence Flows crossing Pool boundaries which is not allowed in BPMN. TIBCO Business Studio should prevent the move in the same way that it prevents individual objects with outgoing sequence flow from being moved between Pools.</p> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-720B16	<p><b>Summary:</b> Online context help is not available for Properties views.</p> <p><b>Workaround:</b> Perform a search for the required topic.</p>
1-721WJ3	<p><b>Summary:</b> In the TIBCO Business Studio user interface, there are menu items, wizards and so on that should be removed from the product, but cannot be due to technical issues with Eclipse.</p> <p><b>Workaround:</b> None.</p>
1-721QB4	<p><b>Summary:</b> The Problems view has a filter which may be set to the <b>selected element</b> or <b>selected element and its children</b>. The selected element must be a file; if a sub-file artifact is highlighted in the Project Explorer, a misleading set of defects may be displayed and the list will only be refreshed when a file-level artifact is selected. For example, if a Process is selected in the Project Explorer, and then a change made that would trigger a Problem whilst the above filters are selected, the Problem will only be displayed when the XPDL file that contains the Process is selected in the Project Explorer.</p> <p><b>Workaround:</b> None.</p>
1-721QDT	<p><b>Summary:</b> It is possible to edit the weighting of a simulation parameter while the simulation is running, however this has no effect on the currently running simulation. Any changes made are applied to the next simulation run.</p> <p><b>Workaround:</b> None.</p>
1-721QE8	<p><b>Summary:</b> In the Properties view for a Process, on the <b>Simulation</b> tab, Sequence Flows from a Gateway that have been deleted are still displayed and assigned a <b>Weighting</b> for simulation purposes.</p> <p><b>Workaround:</b> Click the Remove button to delete the extraneous Sequence Flow.</p>
1-721QIQ	<p><b>Summary:</b> Settings made from the Windows <b>Print</b> dialog (for example, Landscape or Portrait) take effect for the current print job, but are not preserved after exiting the <b>Print</b> dialog. This occurs whether you access the <b>Print</b> dialog by selecting <b>File &gt; Print</b> or by selecting <b>File &gt; Diagram Print Setup</b> and clicking the <b>Properties</b> button.</p> <p><b>Workaround:</b> None. This is a known Eclipse problem.</p>

Key	Summary/Workaround
1-721QJZ	<p><b>Summary:</b> Any Process object that causes the simulation flow to branch and not re-join can potentially cause invalid simulations caused by multiple End Events. The simulation stops at the first End Event that it encounters, resulting in an incomplete (invalid) simulation. Examples of Project objects that can cause this are:</p> <ul style="list-style-type: none"> <li>• Conditions that are not fired. For example:</li> </ul>  <ul style="list-style-type: none"> <li>• Sequence flows that branch and do not join re-join the main flow. For example:</li> </ul> 
1-721QND	<p><b>Workaround:</b> None. Avoid creating this situation in your Process.</p> <p><b>Summary:</b> In the Process Editor, when the view of a single-Lane Process is zoomed out and an object is added to the surrounding empty space, it should accommodate the object within the Lane. However, the boundary of the Lane disappears until you select another object on the Process.</p> <p><b>Workaround:</b> None.</p>
1-721WSR	<p><b>Summary:</b> Pausing then re-starting a running simulation sometimes generates an exception in the log.</p> <p><b>Workaround:</b> None. The simulation runs normally apart from the exception.</p>

Key	Summary/Workaround
1-721WTR	<p><b>Summary:</b> Under certain circumstances, simulations can generate an OutOfMemoryException. A large number of queued cases in the current simulation can cause this problem. The factors that influence the number of queued cases are:</p> <ul style="list-style-type: none"> <li>• the frequency and number of case starts</li> <li>• Activity duration</li> <li>• the number of Activities</li> </ul> <p><b>Workaround:</b> Avoid creating a situation where there is a large number of queued cases.</p>
1-721WUH	<p><b>Summary:</b> As part of the pre-processing for simulation, the Process is changed even though it is invalid. Ideally all changes made by the pre-processor should be reported as problems in the Problems view and corrected by the user.</p> <p><b>Workaround:</b> None.</p>
1-721WWK	<p><b>Summary:</b> On Windows 2000, if there is no printer attached to the machine, a null pointer exception is generated when selecting <b>File &gt; Diagram Print Setup</b>.</p> <p><b>Workaround:</b> Make sure a printer is connected before accessing the <b>Print Setup</b> dialog.</p>
1-75NQZ7	<p><b>Summary:</b> There may be duplicate bookmarks in the PDF output of a simulation comparison report.</p> <p><b>Workaround:</b> None; this is due to the way the 3rd party reporting tool generates bookmarks.</p>
1-7NB2L	<p><b>Summary:</b> Under certain circumstances during Simulation, the <b>Simulation time</b> display stops displaying some of the time information (such as the minutes or seconds).</p> <p><b>Workaround:</b> None.</p>
1-86O77Q	<p><b>Summary:</b> Processes that you intend to simulate must contain only alphanumeric characters or spaces in their names.</p> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-86O7CU	<p><b>Summary:</b> On Windows 2003, if you select part of a Process, select <b>Copy as Image</b>, then paste the image into another application, the colors of the pasted image do not display properly. Additionally, in TIBCO Business Studio some of the buttons, wizards, and so on display with a black background.</p> <p><b>Workaround:</b> None.</p>
1-86O7DB	<p><b>Summary:</b> In the Project Explorer, under <b>Deployment Servers</b>, if you undeploy the Processes from the Package that contains them, the Package becomes empty. However, you cannot delete the empty Package.</p> <p><b>Workaround:</b> None.</p>
1-86O7DS	<p><b>Summary:</b> More than one output parameter to a Service Task (Web Service) can be mapped in TIBCO Business Studio. However, the TIBCO iProcess Web Services Plug-in does not allow more than one output parameter.</p> <p><b>Workaround:</b> For Services Tasks that will be executed in iProcess Engine, limit the number of output parameters that you use in web service operations to one.</p>
1-86RCSH	<p><b>Summary:</b> If you run a simulation successfully then attempt to use the <b>Run</b> configuration window (select the <b>Run &gt; Run...</b> menu option) to redefine the existing launch configuration to call another Package that contains a Process with the same name, the dialog accepts your configuration changes as valid. However, internally the id of the old Process is retained which causes the simulation to fail to run (an error message is displayed that the Process does not exist in the Package).</p> <p><b>Workaround:</b> Launch simulation from context menu in the Project Explorer. Alternately you can force the configuration dialog to update by browsing to a differently named Process (this will force the launch configuration to be updated). Then browse again to the Process that has the same name as the original but is located in a different Package.</p>
1-8GJ19N	<p><b>Summary:</b> When the mapper is first displayed for an Activity, any items that are already mapped should be automatically expanded so that the item is visible. Items that are not mapped should remain collapsed.</p> <p><b>Workaround:</b> None.</p>
1-86SUPT	<p><b>Summary:</b> The tooltip text for the button to change between the Process Analyst and Process Developer capabilities is not displayed after initially clicking the button.</p> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-86RCS2	<p><b>Summary:</b> An event-based XOR Gateway generates an attribute for simulation even though it should not be capable of being simulated.</p> <p><b>Workaround:</b> Assign a name to the element.</p>
1-86O7IB	<p><b>Summary:</b> Within the Business Intelligence Reporting Tool (BIRT), when laying out a report, there is a tool that allows you to insert an image that is located elsewhere by specifying a URL. Using this method generates the error message:</p> <pre>Image (id = 66): + There are errors evaluating script "http://mysite.com/images/companylogo.jpg".</pre> <p><b>Workaround:</b> Embed the image in the report.</p>
1-86O7IS	<p><b>Summary:</b> Within the BIRT, if you copy a Data Set, the Alias and Display Names from the original Data Set are not copied.</p> <p><b>Workaround:</b> Manually recreate the Aliases and Display Names on the copied Data Set.</p>
1-86O7JT	<p><b>Summary:</b> Validation of JavaScript entered in TIBCO Business Studio occurs in two phases:</p> <ul style="list-style-type: none"> <li>• The script is validated for correct syntax.</li> <li>• If syntactically correct, the script is validated against the selected Destination Environment.</li> </ul> <p>This leads to the situation where you enter script that is not valid for a Destination Environment, but you are not informed of this until you have finished entering the script and it passes the first phase of validation (syntax checking).</p> <p><b>Workaround:</b> None.</p>
1-86RAKP	<p><b>Summary:</b> The <b>Edit &gt; Undo</b> and <b>Edit &gt; Redo</b> menu options for scripts do not work as expected.</p> <p><b>Workaround:</b> Press <b>Ctrl + Z</b> and <b>Ctrl + Y</b> to undo and redo respectively.</p>

Key	Summary/Workaround
1-86O7KR	<p><b>Summary:</b> Service Tasks of the Type Web Service can generate a message similar to the following when deployed to the TIBCO iProcess Engine:</p> <p>EAI Error - Step SERVICET: The runtime plugin for type EAI_WEBSERVICES is installed but is at validation version 0. This is not supported.</p> <p>This is because the required version of the TIBCO iProcess Web Services Plug-in (10.6) is not installed.</p> <p><b>Workaround:</b> None.</p>
1-86O7LI	<p><b>Summary:</b> The buttons OK and Cancel are not necessary on the <b>Properties</b> dialog for products because the information on this dialog cannot be changed. To view the properties, select <b>Help &gt; Software Updates &gt; Manage Configuration</b>, right-click a product from the left hand pane, and select <b>Properties</b>.</p> <p><b>Workaround:</b> None.</p>
1-86O7NV	<p><b>Summary:</b> When entering JavaScript it is not supported to pass a Boolean Data Field to a function that expects a Boolean expression.</p> <p><b>Workaround:</b> None.</p>
1-8GJ1A3	<p><b>Summary:</b> In areas where you can enter JavaScript, content assist should not appear after single line comment or within multi-line comments, however it does appear.</p> <p><b>Workaround:</b> None.</p>
1-86RAL6	<p><b>Summary:</b> Subversion generates an error if in the SVN Repository Exploring perspective, you right-click a project in your local repository, select <b>Import</b>, and then attempt to import a project that is in your workspace, but not under Subversion control.</p> <p><b>Workaround:</b> Source control your Projects using the <b>Team</b> context menu in the Project Explorer. For more information, see the <i>TIBCO Business Studio Modeling User's Guide</i>.</p>

Key	Summary/Workaround
1-86RALN	<p><b>Summary:</b> In the History view for SVN, you can right-click an item and select <b>Set Commit Properties</b>. The resulting dialog allows you to retroactively enter comments for the selected revision. To exit the dialog you must specify an <b>Author</b>, however if you have not set up the SVN repository to use authentication, the Author that you specify is not then listed in the Author column in the History view. Note, however that retroactively entering comments for revisions is not recommended practice.</p> <p><b>Workaround:</b> None.</p>
1-86O7MG	<p><b>Summary:</b> In the SVN Repository Exploring perspective, in the SVN Repository view, right-clicking and selecting <b>Properties</b> displays properties at the highest (repository) level, but not at lower levels (for example, the Project level).</p> <p><b>Workaround:</b> None.</p>
1-86O7MX	<p><b>Summary:</b> After selecting <b>Team &gt; Commit</b> and saving changes to SVN, you must press <b>F5</b> to see those changes reflected in the History tab.</p> <p><b>Workaround:</b> None.</p>
1-86O7OT	<p><b>Summary:</b> In TIBCO Business Studio, the left hand side of JavaScript expressions must be a variable. Furthermore, you cannot assign a value to a read only iProcess Engine system value field, for example SW_TIME or SW_DATE. However, as there is no validation for this, you are not warned if you do this but you may get errors during deployment to iProcess Engine.</p> <p>For example, the following are not permitted:</p> <pre>arrayFIELD[PARAM1] = PARAM1+100; IPESystemValues.SW_DATE = "20/03/2007";</pre> <p><b>Workaround:</b> Ensure that you use variables on the left hand side of expressions.</p>
1-86RANT	<p><b>Summary:</b> In a Process with <b>Simulation</b> set as the Destination Environment, when you right-click the Process and select <b>Prepare Simulation</b>, the necessary Parameters are created for simulation. Despite deleting the values for the created Parameters and deleting the Parameters from the Project Explorer, they are still displayed in the Properties view for the Process.</p> <p><b>Workaround:</b> None.</p>



Key	Summary/Workaround
1-86O7QP	<p><b>Summary:</b> Reserved words for JavaScript (for example, "return") when used in a WSDL cannot be mapped in a Service Task.</p> <p><b>Workaround:</b> Avoid using words that have special meaning in programming languages as variables.</p>
1-86O7R6	<p><b>Summary:</b> In the Concept Modeler, copying and pasting on the editor does not work correctly.</p> <p><b>Workaround:</b> Copy and paste Concept Model objects using the Project Explorer.</p>
1-86PV6J	<p><b>Summary:</b> The TIBCO iProcess Engine Web Services Plug-in allows the mapping of repeating elements to Arrays. A WSDL that does this cannot be mapped in the same way in TIBCO Business Studio. In TIBCO Business Studio, you cannot map simple types to simple types that are within an array of complex types.</p> <p><b>Workaround:</b> None.</p>
1-86PVAV	<p><b>Summary:</b> When moving a Group between Lanes it often moves to the top of the uppermost Lane, regardless of where you position it. Also, when deleting a Group, the Process Editor does not refresh correctly and the Process Editor must be closed and then opened to reflect the change to the Process.</p> <p><b>Workaround:</b> None.</p>
1-86RD0R	<p><b>Summary:</b> Connecting to a TIBCO Business Studio deployment server fails intermittently if iProcess Engine was shut down when the deployment server was being created.</p> <p><b>Workaround:</b> If this occurs, restart TIBCO Business Studio.</p>
1-8GL8RP	<p><b>Summary:</b> On Linux, when connecting remotely and using the Process Editor, black areas are sporadically added to the diagram when adding new elements, using context menus, moving objects, and so on.</p> <p><b>Workaround:</b> None.</p>
1-8GL8SP	<p><b>Summary:</b> On Linux, printing is not enabled in TIBCO Business Studio because it is not supported by the version of Eclipse bundled with TIBCO Business Studio.</p> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-8GL8T7	<p><b>Summary:</b> Calls to script objects are not created when a Process with User Task scripts is deployed from TIBCO Business Studio to iProcess Engine. However, when the same process is exported to the iProcess Modeler, then the calls to script objects are correct.</p> <p><b>Workaround:</b> None.</p>
1-8GL8TO	<p><b>Summary:</b> In SUSE 10, objects in the Process Editor and Concept Modeler have dark backgrounds for images (for example, on Activities and Concepts).</p> <p><b>Workaround:</b> None.</p>
1-8GL8U5	<p><b>Summary:</b> On Linux, when using Wizards (for example to rename a Process), pressing Enter rather than clicking the Finish button does not work correctly.</p> <p><b>Workaround:</b> Click the <b>Finish</b> button, or press Tab before pressing Enter.</p>
1-8GL9UM	<p><b>Summary:</b> In the Concept Modeler, when using the Zoom options, the graphic display of the Palette sometimes becomes slightly degraded.</p> <p><b>Workaround:</b> None.</p>
1-8GL8WB	<p><b>Summary:</b> There can be a noticeable performance degradation when manipulating large amounts of data (for example, running simulation or deleting multiple Activities from a Process with more than 200 Activities).</p> <p><b>Workaround:</b> If the you suspect that the performance degradation is due to the validation of the Project, turn off in-memory validation by de-selecting Project &gt; Build Automatically. When you want to package your project, select either Project &gt; Build All or Project &gt; Build Project.</p>
1-8GL8WS	<p><b>Summary:</b> The TIBCO Business Studio Welcome Page cause problems on some Linux 64-bit installations.</p> <p><b>Workaround:</b> Use workspace created on the different machine (in order to skip the Welcome page on startup).</p>
1-8GL8XQ	<p><b>Summary:</b> The Asset Central Configuration dialog will not be displayed if your PATH environment variable is not configured to point to a version 1.5 or later JRE.</p> <p><b>Workaround:</b> For information about how to configure your PATH environment variable, see <i>TIBCO Business Studio Installation Guide</i>.</p>

Key	Summary/Workaround
1-8GL8Y7	<p><b>Summary:</b> Copying a special folder (for example, a Services folder) and pasting it into another BPMN project does not retain the special folder setting of the copied folder. You must redesignate the folder as a special folder after the copy.</p> <p><b>Workaround:</b> None.</p>
1-8GL8ZM	<p><b>Summary:</b> If TIBCO Business Studio is left idle for more than approximately 30 minutes, process mappings can disappear.</p> <p><b>Workaround:</b> To restore the mappings, restart TIBCO Business Studio.</p>
1-8GL92G	<p><b>Summary:</b> When a Java Service Task in TIBCO Business Studio maps a response value using a specific array index value, and that index does not exist at runtime, an error occurs. For example, mapping RV[4] when only elements 0 to 3 exist causes an error.</p> <p><b>Workaround:</b> None.</p>
1-8GL911	<p><b>Summary:</b> When exporting a TIBCO Business Studio Package containing Services Tasks that implement web services, there is a subdirectory <b>eai_wbsv</b> that is created under the <b>\Exports\iProcess Modeler XPDL</b> directory. This subdirectory contains only log files.</p> <p><b>Workaround:</b> None.</p>
1-8GL91I	<p><b>Summary:</b> When a project is shared with SVN, if you close TIBCO Business Studio with a file that has unsaved changes, you are prompted to save the changes. Upon restarting TIBCO Business Studio, the SVN project is marked to indicate that a commit is pending, however the Console view for project sharing is blank.</p> <p><b>Workaround:</b> Set the Console view back to <b>SVN Console</b>.</p>
1-8GRC3F	<p><b>Summary:</b> TIBCO Business Studio should not allow the mapping of a returned Java String to a Process Boolean data type when the Destination Environment is iProcess Engine.</p> <p><b>Workaround:</b> None.</p>
1-8GRL9E	<p><b>Summary:</b> In the <b>SWDIR\ejaijava\pojo.properties</b> configuration file, foreign characters not in the default character set can be expressed using UNICODE escape sequences. For example, the following equates to a EURO symbol (€):</p> <pre>OUTPUT.TEXT = \u20ac</pre> <p><b>Workaround:</b> None.</p>

Key	Summary/Workaround
1-8GRLA5	<p><b>Summary:</b> The deployment extension point interface has changed since Version 2.0. The interface <b>com.tibco.xpd.deploy.model.extension.Connection</b> has a new method, <b>validateModule()</b> that needs to be implemented in TIBCO Business Studio Version 2.1. Deployment extensions developed against TIBCO Business Studio Version 2.0 must be recompiled against TIBCO Business Studio Version 2.1. The new method has to be implemented, but it can return true to retain the existing behavior.</p> <p><b>Workaround:</b> None.</p>

---

## TIBCO Business Studio Forms

The table in this section lists known issues related to creating forms with this release of TIBCO Business Studio.

Defect #	Summary/Workaround
1-9IVI6H	<p><b>Summary:</b> Entering a date in the GI Preview resets time component of Date-Time control to 00:00. Date can be changed via popup or by entry. This happens only when time is initialized before date.</p> <p><b>Workaround:</b> Select date before entering time.</p>
1-9IVI5F	<p><b>Summary:</b> The value of checkbox controls cannot be changed using the space bar in GI preview.</p> <p><b>Workaround:</b> This works when the form is opened in iProcess Workspace Browser or in a standalone browser. Therefore, the behavior in the GI preview can be ignored.</p>
1-9HW7I1	<p><b>Summary:</b> If an option list has the flag <b>Allow Multiple Selection</b> checked, and has a binding specified for its value, then an exception (ERROR) - Uncaught Exception: Unspecified error may appear in the logs. This exception is harmless and can be ignored.</p> <p><b>Workaround:</b> None</p>
1-9HD9A3	<p><b>Summary:</b> Controls that have validations and an empty label will display a label of undefined after the validation is evaluated.</p> <p><b>Workaround:</b> Make the label invisible. On the General tab for the control, uncheck the <b>Inherit</b> and <b>Visible</b> checkboxes for the <b>Label Visibility</b> property.</p>
1-9H3QR0	<p><b>Summary:</b> The width and height are not respected for image controls when viewed in Firefox.</p> <p><b>Workaround:</b> Do not specify width and height, and instead resize the image to the desired dimensions before including in the form.</p>
1-9H3QPL	<p><b>Summary:</b> Hyperlinks that appears within a tabbed pane cannot be changed dynamically when using Firefox 2.x.</p> <p><b>Workaround:</b> Use Firefox 3.x, or do not place dynamic hyperlinks within tabbed panes.</p>

Defect #	Summary/Workaround
1-9GZ88B	<p><b>Summary:</b> If a form contains multiple consecutive tabbed panes at the root level, those panes will be rendered horizontally across the page, rather than one above the other. This only happens in Firefox 3.x.</p> <p><b>Workaround:</b> Either wrap the consecutive tabbed panes within a vertical pane, or insert an empty vertical pane between each tabbed pane to enforce the following pane to be rendered beneath the preceding pane.</p>
1-9GYNI1	<p><b>Summary:</b> Content of Passthrough controls does not render correctly (does not wrap) when using Firefox 2.x.</p> <p><b>Workaround:</b> Use Firefox 3.x.</p>
1-9GGVS1	<p><b>Summary:</b> Text Area controls do not preserve line breaks in Firefox 3.x.</p> <p><b>Workaround:</b> None</p>
1-9G63MF	<p><b>Summary:</b> Outbound bindings on the values of label controls do not work. The values of label controls can be updated via a binding, but cannot update other values in the Form.</p> <p><b>Workaround:</b> Any value that should be updated to match a label has to be bound directly to the same value that was used to update the label control.</p>
1-9F64L1	<p><b>Summary:</b> Option list controls that have the flag <b>Allow Multiple Selections</b> enabled will not initially render correctly in the GI Preview mode on Linux. The option values will initially show empty until one of the items is selected.</p> <p><b>Workaround:</b> None</p>
1-9E52H7	<p><b>Summary:</b> Updating the value of controls within actions triggered by the Enter or Update events of that control may result in an infinite loop.</p> <p><b>Workaround:</b> Refrain from updating the value of the source control within these actions.</p>
1-9DYD9I	<p><b>Summary:</b> The Reset action does not work for controls that do not have a default value specified in the Form, or have any default value provided by the corresponding process data fields. In this case, the Reset action will not reset the values to empty, and instead will leave any values provided by the user. Any values that are modified are reset to their original values.</p> <p><b>Workaround:</b> Either provide default values for each of the controls, or provide a custom action that will clear the values in the form prior to performing the Reset action.</p>

Defect #	Summary/Workaround
1-9D7S45	<p><b>Summary:</b> Not all references in scripts to Action, Control or Pane names are updated when renaming one of these items; for example, if a script refers to a control by name as in</p> <pre>var control = context.form.getControl("myControl");</pre> <p>then renaming myControl will not update this script.</p> <p><b>Workaround:</b> Manually update literal references to Control, Action, and Pane names in JavaScript when renaming one of these items.</p>
1-996ORT	<p><b>Summary:</b> The Date and DateTime controls in the GI Preview do not show the localized values of the month names in the displayed date.</p> <p><b>Workaround:</b> None. This is not an issue for date formats that use the numeric value of the month.</p>
1-94X8TY	<p><b>Summary:</b> Forms and associated resources that are direct children of the Forms special folder cannot be deployed.</p> <p><b>Workaround:</b> All forms and their associated resources should be in sub-folders beneath the Forms special folder.</p>
1-94HS4O	<p><b>Summary:</b> At design time, some problem markers on the Form may disappear after editing the visual data properties of an element on the Form.</p> <p><b>Workaround:</b> Cleaning the project will cause the problem markers to re-appear.</p>
1-8ZV3LN	<p><b>Summary:</b> Forms created with Business Studio 2.2 (Forms 1.0) may create confusing error markers for numerics. For example, the following can be displayed in the Problems view:</p> <pre>Control 'caseid' has a maxLength property (10) that does not match its bound parameter length (10)</pre> <p>This is because maxLength is now required to be one more than the bound parameter length to make room for a possible negative sign. This is also not picked up in Synchronize Parameters.</p> <p><b>Workaround:</b> Use the supplied Quick Fix from the Problems view.</p>
1-8ZTZJI	<p><b>Summary:</b> Normally <b>Field is required</b> errors are displayed for required fields only on form submit (if the field is empty). For fields that are set as required using the API this also happens when user tabs out of the field (when the field loses focus).</p> <p><b>Workaround:</b> Create a validation that executes when the form is submitted.</p>

Defect #	Summary/Workaround
1-8ZLZWZ	<p><b>Summary:</b> iProcess does not support text data types with imbedded newlines: it discards text after the newline, making them unusable for text area controls that support newlines.</p> <p><b>Workaround:</b> iProcess requires that you define these fields as MEMO to support newline characters. To define a field of type MEMO, Business Studio uses a process data field of type String with an undefined length.</p>
1-8ZK0QL	<p><b>Summary:</b> Loading of Forms properties files in Firefox will result in a denial of UniversalBrowserRead privileges. No localized resources will be loaded in this case.</p> <p><b>Workaround:</b> Make sure that the iPWB and WebDAV are installed on the same server and port, and when specifying the WebDAV root in iPWB, do not use the host name. For example, the WebDAV root should be specified as <code>"/webdav/Forms"</code>.</p>
1-8ZDLZI	<p><b>Summary:</b> When viewing the form preview on Linux, the bottom of the form will be clipped by the portion of the preview application that shows the submitted parameters. This only happens with the Firefox browser, which is used to preview forms on the Linux platform.</p> <p><b>Workaround:</b> Workaround: An alternate preview application is shipped as part of the GI preview plug-in. You can enable this by following the following steps:</p> <ol style="list-style-type: none"> <li>1. Shut down TIBCO Business Studio if it is running.</li> <li>2. Find the install directory for the GI Preview plugin. This can be found under  <code>[TIBCO_HOME]/studio/3.1/studio-addins/eclipse/plugins/com.tibco.xpd.forms.gi.preview_2.0.0.xxx</code>  "xxx" will correspond to a 3 digit build number (e.g. 009)</li> <li>3. Find the preview application directory, at the path:  <code>[TIBCO_HOME]/studio/3.1/studio-addins/eclipse/plugins/com.tibco.xpd.forms.gi.preview_2.0.0.xxx/gi-apps/harness/JSXAPPS/studioformviewer</code></li> <li>4. Within this directory, rename <code>appCanvas.xml</code> to <code>appCanvas_IE.xml</code></li> <li>5. Within this directory, rename <code>appCanvas_Firefox.xml</code> to <code>appCanvas.xml</code></li> <li>6. Restart TIBCO Business Studio</li> </ol>



Defect #	Summary/Workaround
1-8Y0IIN	<p><b>Summary:</b> In Firefox, horizontal panes that do not inherit Font properties may not display properly. In this case, the background color for the pane will not cover the entire height of the pane, and panes below the horizontal pane may cover up part of the horizontal pane.</p> <p><b>Workaround:</b> Specify a fixed height for the horizontal pane.</p>
1-8XLIOK	<p><b>Summary:</b> When a pane has child labels set to the top position, and also has Child Label visibility set to false, then the contents of the pane will shift to the right when submitting the form. This will only be an issue when there are validation errors in the form.</p> <p><b>Workaround:</b> Set the Label Position for the pane child labels to "left" instead of "top". The labels are invisible, so this does not affect the rendering of the form.</p>
1-8S5ZPF	<p><b>Summary:</b> Text area does not allow the <b>Enter</b> key to be used to create new lines for input when a button is defined as type primary. (Default setting of <b>Submit</b> button is primary.)</p> <p><b>Workaround:</b> Change the Submit button type from primary to peripheral. This means that the <b>Enter</b> key cannot be used to automatically submit a form. Alternatively, users can use <b>Shift+Enter</b> to create newlines in text areas.</p>
1-8S3U4N	<p><b>Summary:</b> In order to create horizontally aligned controls with labels flush with their fields (such as <b>City/Suburb Name</b> [ ] <b>Zip</b> [ ]), use a child label width of "0" in the parent horizontal pane. In order for the GI preview to display these correctly, this needs to be set explicitly even though the property sheet shows "0" to start with.</p> <p><b>Workaround:</b> Explicitly set the child label width to "0" in the horizontal pane.</p>
1-8RV3OX	<p><b>Summary:</b> Computation actions that use literal arrays (e.g. [ "ONE", "TWO" ]) to specify a list of values (or labels) in an option list give script syntax errors.</p> <p><b>Workaround:</b> The script still works; the error message can be ignored.</p>
1-8RKICI	<p><b>Summary:</b> Setting Text Align to <b>right</b> for child label properties has no effect. Labels in a pane will always be rendered left justified.</p> <p><b>Workaround:</b> None.</p>

Defect #	Summary/Workaround
1-8R3SJC	<p><b>Summary:</b> Single-value controls, such as textboxes, radio groups, and single-valued option lists should not be assigned to parameters that expect an array. There is currently no design time validation check to enforce this.</p> <p><b>Workaround:</b> If you need to pass a single value to a parameter that is an array, you can wrap that value in an array in the Mapping Out field of the parameter properties. For example, by using an expression such as:</p> <pre>[f.myControl];</pre>
1-8R05D2	<p><b>Summary:</b> The design time will render the text inside a button according to the child label properties defined in the parent pane. The preview and runtime render the button text according to the parent font properties. The design time is rendering this incorrectly.</p> <p><b>Workaround:</b> None. The only side-effect is that the button is not displayed properly in the design time view.</p>
1-8R05BU	<p><b>Summary:</b> The hyperlink, label, and passthrough controls do not make use of the font property.</p> <p><b>Workaround:</b> For passthrough controls, a &lt;font&gt; element can be used directly in the embedded markup. There is no workaround for hyperlink and label controls.</p>
1-8QN95F	<p><b>Summary:</b> It is not possible to directly map the value of an Option List to the value of a parameter of type Date. The Option List will always return a value of type String. This will not cause a problem in the preview mode, but will cause an error in the TIBCO iProcess Workspace (Browser) runtime.</p> <p><b>Workaround:</b> The value of the Option List can be converted to a Date by using javascript in the Mapping Out expression for the date parameter. For example, if the values of an Option List (named dateSelector) use the form "mm/dd/yyyy", then the following script can be used in the Mapping Out expression for a date parameters:</p> <pre>var d = new Date(); d.setMonth(f.dateSelector.substring(0,2) - 1); d.setDate(f.dateSelector.substring(3,5)); d.setFullYear(f.dateSelector.substring(6,10)); d;</pre> <p>A similar approach can be used when mapping a date parameter into the value of an Option List control.</p>

Defect #	Summary/Workaround
1-8NZYJR	<p><b>Summary:</b> When setting the background color of a control, the design time sets the color of the entire control, including the label. The runtime sets the background color only on the field itself. The runtime is applying the color incorrectly.</p> <p><b>Workaround:</b> None.</p>
1-8MWS6Q	<p><b>Summary:</b> Panes that are direct children of the form object do not make use of the label position set in the Child Labels section of the Form. By default, root panes have their labels displayed in the top position.</p> <p><b>Workaround:</b> Add a root vertical pane to the Form, uncheck the label visibility for that pane, and nest remaining panes within that single root pane. The label position for all child panes can then be set within the single root pane.</p>
1-8MMKLN	<p><b>Summary:</b> A form is not valid if its name contains special characters. No validity check is made when the form is created or renamed.</p> <p><b>Workaround:</b> Use only alpha-numeric characters, "_", "-", and non-leading or non-trailing spaces in the form name.</p>

