

# i2 TextChart 2

## Release Notes

Version 2.0.1  
April 2006  
Part Number: 1087  
Issue No. 1

*i2 TextChart* is an easy-to-use data visualization product that enables you to mark up, extract and visualize entities (people, places, things, and so on) and links from textual documents such as intelligence reports, witness statements, e-mails, questionnaires, and so on, to quickly build up a concise visual representation of one or several documents.

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## Release Contents

The *TextChart* release, version 2.0.1, includes:

- *i2 TextChart 2*
- *i2 TextChart 2 Designer*
- *i2 iBase 4.0.55 SR1*

**Note:** For more information about *iBase 4.0.55 SR1*, refer to the separate release notes.

## What's New in this Release?

The following table summarizes the *TextChart 2* releases:

Version	Release date
<i>i2 TextChart 2.0.1</i> (this version)	April 2006

### TextChart 2.0.1

*TextChart 2.0.1* is a major product release providing new features, existing functionality enhancements, and bug fixes.

This release includes the following new features and enhancements:

- Find Target Items

Users can now define items of key interest in a target list, such as people, places and vehicles, and then use it to trigger automatic searches across the documents in a workspace. With minimal intervention, users can quickly search and mark up a document, using the results to create new chart items or add occurrences to existing chart items.

- Attributes

There have been several enhancements to the way that attribute values are added to chart items. These include the ability to add attribute values without marking up text in a document (inferred values), derive attribute values automatically upon creation of an entity (derived values), display default attribute values that are specified in the workspace template (default values), and append multiple values for text data types.

The availability of these features in *TextChart* is controlled by the workspace template; each feature can be enabled or disabled using *TextChart Designer*.

For more information about inferred attribute values, refer to Using *TextChart* in isolation on page 6.

- Multiple Documents

To save time when adding documents to a workspace, users can now add several documents at the same time.

- OpenOffice

*TextChart 2.0.1* supports OpenOffice document formats:

- StarOffice/OpenOffice Write files (*.sxw*)

- StarOffice/OpenOffice Calc files (.sxc)
- Occurrence/ Document Count Display  
Users now have more control over the way Occurrence and Document Counts are displayed on the chart.
- Attribute Slot Markers  
Attribute slot markers can now be used to indicate attribute slots which have special characteristics, such as a mandatory status.  
The display of attribute slot markers in *TextChart* is controlled by the workspace template; *TextChart Designer* should be used to define the markers and assign them to relevant attribute slots.
- Undo/ Redo  
Undo/ redo has been enhanced in *TextChart* so that up to 20 previous actions can be undone/ redone. Users can also undo more complex actions, such as the minimize crossed links layout and chart item deletion.
- Template Report  
The content of the template report has been updated in both *TextChart* and *TextChart Designer* to include information about default attribute values, attribute slot markers and other new features in this release.  
For more information about these new features, refer to the *What's New in this Release?* topic in the *i2 TextChart 2* and *i2 TextChart 2 Designer* Online Help.
- The interface between *TextChart* and *iBase* has been improved, making it easier for users to use both tools in conjunction with one another. For more information, refer to the separate *iBase 4.0.55 SR1* release notes (Part number: 1140).

## power2

This release includes i2 products with power2 technology built-in.

power2 technology provides:

- a new way of handling data based on what it means rather than how it was originally recorded
- the capability for you to categorize and identify the elements of the data as the real-world entities that they represent
- a means for you to acquire and interpret more data from more sources, more conveniently

To work with the power2 features you must ensure that you have upgraded some of your i2 products to versions with power2 built-in: see *Installation* on page 9.

To gain maximum benefit from power2 you will also need to configure your data as detailed in the *Guide to power2*. See *Working with power2* below.

For compatibility information refer to Existing i2 product compatibility on page 9.

For detailed information on power2 refer to the *Guide to power2*.



used with a suitably configured *Analyst's Notebook* template, semantic functionality will be available in the chart. Refer to Chapter 8 of the *Guide to power2* for more information.

### 3. i2 iBase 4 → i2 Analyst's Notebook 6.0.55

You can semantically enable your *iBase* schema using *iBase Designer*. Data which is then charted in *Analyst's Notebook* will be ready for use by Find Matching Entities (Smart Matching). You do not need to assign semantic types to the whole *iBase* schema: only those parts that benefit from the categorization and matching features.

Refer to Chapter 9 of the *Guide to power2* for advice on how to do this.

### 4. i2 iBase 4 ↔ i2 TextChart

You can load *TextChart* visualizations into an *iBase* database. To assist with handling changes in the *iBase* database schema or *TextChart* template, or to target multiple databases, you can assign semantic types in *iBase* and *TextChart* which will later be used to keep the *TextChart* visualizations, produced using the template, aligned with the *iBase* schema. Refer to the Introduction to Part II of the *Guide to power2* for more information.

Certain semantic types allow *TextChart* to automatically derive attribute values from the item label when entities are created. For example, a Person entity can have derived values for first name, last name, full name, gender, title and suffix. This makes data capture more efficient in *TextChart* and makes it easier to load the data back into *iBase*. See Using *TextChart* in isolation on page 6.

### 5. i2 TextChart ↔ i2 Analyst's Notebook 6.0.55

You can assign semantic types in *TextChart* templates using *TextChart Designer*. Data that is captured into *TextChart* is then automatically available for use by Find Matching Entities (Smart Matching) in *Analyst's Notebook*.

You should read Chapter 6 of the *Guide to power2* for advice on choosing semantic types and the *TextChart Designer Guide* for advice on how to create a template.

### 6. i2 ChartExplorer

*ChartExplorer* can search charts from version 5 and version 6 of *Analyst's Notebook* and visualizations from *TextChart*. You do not need to take any specific actions to take advantage of Intelligent Search in *ChartExplorer*.

### 7. i2 Analyst's Notebook 6 (pre-power2) → i2 Analyst's Notebook 6.0.55

When you open pre-power2 charts in *Analyst's Notebook* 6.0.55 the semantic types for the entities will be assumed from the icons used. In this case features such as Find Matching Entities (Smart Matching) will be enabled, though they will have a minimum amount of information to work with. To enhance the capabilities you can upgrade a chart by merging it with a template to which you have assigned semantic types. See Merging Templates in the *Analyst's Notebook* online help.

**Note:** You may open *Analyst's Notebook* 6.0.55 charts in earlier versions of *Analyst's Notebook* 6. However if you modify them there, you may lose some of the semantic information. It is best to think of this as a one way exchange.

## 8. Analyst's Notebook 5 → i2 Analyst's Notebook 6.0.55

When you open *Analyst's Notebook 5* charts in *Analyst's Notebook 6.0.55* the semantic types for the entities will be assumed from the icons used. The situation is the same as that described in paragraph 7 above.

## 9. i2 iBase 4 i2 Data Miner 2

*Data Miner 2.0.55* provides a new cube type in which fields from multiple entity types in the *iBase* database can be aligned using semantic types. This makes it possible to analyze data combinations that previously would have required changes to the database schema or expensive data preparation.

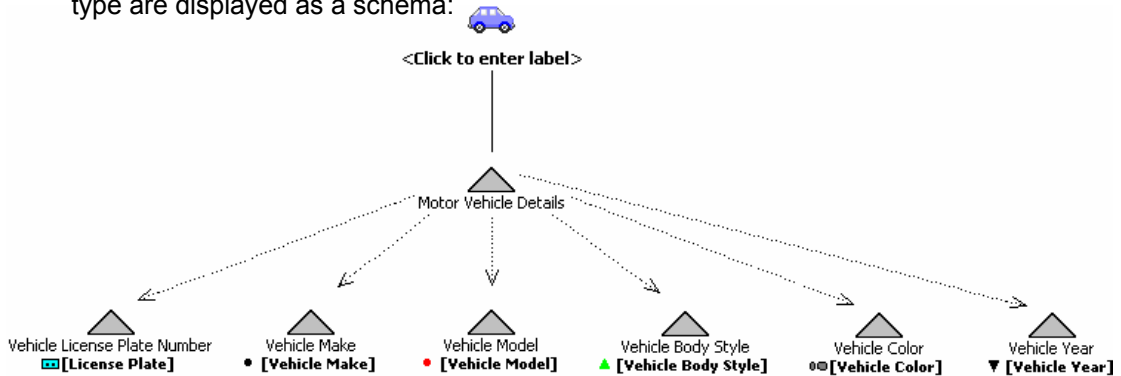
Refer to the Using Combined Entity Cubes chapter of the *i2 Data Miner Guide* for information on how to build cubes using semantic types.

### Using TextChart in isolation

If you use *TextChart* in isolation from other i2 products, you can benefit from power2 by using semantic types to automatically derive attribute values from chart item labels. This is new functionality in *TextChart 2.0.1*.

By correctly assigning semantic types to entity types and attribute classes in *TextChart Designer*, the relationships between chart items and their properties can be established. *TextChart* then uses these relationships to derive attribute values when entities are created.

When a semantic type is assigned to an entity type, the potential derivations for that entity type are displayed as a schema:



This functionality is currently supported in *TextChart 2.0.1* for the following entity semantic types: Person, Motor Vehicle, Motorcycle, Credit Card and Bank Account. For more information, refer to the *TextChart Designer* documentation.

If you do exchange data see paragraphs 4, 5 and 6 in the section above.

## System Requirements

These are the recommended system hardware requirements for *TextChart*:

Requirement
<b>Processor:</b> 1.2 GHz processor
<b>Memory:</b> 512 MB RAM
<b>Hard Disk:</b> 500 MB free disk space
<b>Display:</b> XGA Graphics card and color monitor (1024 x 768 recommended resolution)
<b>Port:</b> Parallel or USB port (for local dongle)

These are the supported operating systems for *TextChart*:

Operating System
Windows XP Professional Service Pack 1 & 2
Windows 2000 Professional Service Pack 3 & 4
Windows 2000 Server/Advanced Server with Terminal Services Service Pack 3 & 4 (optionally with Citrix MetaFrame XP or Citrix Presentation Server 3)
Windows Server 2003 Standard/Enterprise with Terminal Services (optionally with Citrix MetaFrame XP or Citrix Presentation Server 3)

*TextChart* is supported on Western Europe, Central Europe, Turkish, Russian and USA, regional versions of the supported operating systems.

*TextChart* requires that Microsoft Internet Explorer 6.0, or later, is present on the installation system. However Internet Explorer need not be the default Web browser. A compatible version of Internet Explorer is included on the CD.

*TextChart* requires that Microsoft .NET Framework 1.1 SP1 is present on the installation system. Microsoft .NET Framework 1.1 SP1 is included on the CD.

On Windows 2000, *TextChart* requires that `msvcp60.dll` is present. This is not installed as part of the operating system nor any associated service packs; it is installed with other Microsoft applications. As its presence cannot therefore be guaranteed, a dedicated installer is provided on the CD.

The documentation supplied with *TextChart* is provided electronically in Adobe PDF format. In order to display this documentation, a PDF viewer must be present on the installation system. A compatible version of Adobe Reader is included on the CD.

**Notes:** The End User License Agreement for the .NET Framework can be viewed on the Microsoft Web site at:  
[http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnnetdep/html/dotnetfxredisteula1\\_1.asp](http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnnetdep/html/dotnetfxredisteula1_1.asp).

In order to have local language dialogs displayed by the .NET Framework version 1.1 you will also have to install a corresponding language pack. You can download .NET Framework version 1.1 language packs from the Microsoft Web site at:

<http://www.microsoft.com/downloads/details.aspx?FamilyId=04DBAF2E-61ED-43F4-8D2A-CCB2BAB7B8EB&displaylang=en>.

## Authorization Information

*TextChart* is a licensed product and requires a dongle containing a valid permit in order to run the application.

### Updated NetHASP Network License Manager

If you use a NetHASP authorization solution (a red network dongle), you are required to use License Manager version 8.20.

This version can be found on the product CD in the following location:

*CD Drive*: \Dongle\HASP Server

Further details regarding the upgrading of your License Manager are available in the *NetHASP License Manager Guide*.

**Note:** Novell Netware is no longer supported as a platform for running NetHASP authorization. The License Manager must run on a Windows platform.

### NetHASP timeout

A timeout value is set for each client workstation so that the NetHASP License Manager releases permits after 60 minutes of application inactivity. This prevents permits from being held indefinitely if they are not released at the end of a session.

## Documentation

The following product documentation is available for this release:

Title	Part Number
<i>i2 TextChart 2 Release Notes</i>	1087
<i>i2 iBase 4.0.55 SR1 Release Notes</i>	1140
<i>i2 TextChart 2 Quick Start Guide</i>	1085
<i>i2 TextChart 2 User Guide</i>	1100
<i>i2 TextChart 2 Designer Guide</i>	1101
<i>Guide to power2</i>	0955

The product documentation is available as Adobe PDF documents accessible from the Start menu: **All Programs ► i2 ► i2 TextChart 2 ► Documentation**.

## Examples

The user and designer guides both consist of a series of worked examples. In some examples the first thing that you are asked to do is open an existing workspace or template; in other examples you are asked to add documents to a workspace. The example workspaces and documents which accompany the user guide are typically located in:

C:\Program Files\i2 TextChart 2\Documentation\User Guides\Example Material.

The example templates which accompany the designer guide are typically located in:

## Online help

Comprehensive online help is available, providing complete reference information for both *TextChart 2* and *TextChart 2 Designer*.

## Installation

### Upgrade notes

If you are currently running *TextChart* version 1.0.1, 1.0.5, or 1.1.55, you must uninstall it before installing this version. If you run the installer without first uninstalling the previous version, the installer tells you to uninstall the earlier version. You should uninstall the previous version using Add or Remove Programs in the Control Panel. For more information, refer to the section called Uninstallation steps on page 13.

**Note:** If you wish to use *TextChart 2.0.1* in conjunction with other i2 products you need to ensure that you are running the relevant versions of software. *TextChart 2.0.1* is compatible for use with the power2 built-in i2 product set. If you have not received the power2 built-in i2 product set please contact i2. For more information about product compatibility, refer to the section called Existing i2 product compatibility on page 9.

### Existing i2 products

Installing *TextChart* will update the versions of shared components used by the following i2 products:

- *i2 Analyst's Notebook 6*
- *i2 Visual Notebook 6*
- *i2 ChartReader 6*
- *i2 iBase 4*
- *i2 iBridge 2*

If your organization has a change control policy for installed versions of the above products, you should contact i2 Support for more information on this subject.

i2 provides a means of installing *TextChart* without manual intervention (refer to the section called Automated and silent installs on page 12). i2 does not specifically support installation of *TextChart* using deployment and packaging tools. If your organization has a policy to deploy via deployment and packaging tools and you want to know more about the architecture of the *TextChart* installer, please contact i2 Support.

### Existing i2 product compatibility

- *i2 Analyst's Notebook 6*  
*TextChart 2.0.1* can run alongside *Analyst's Notebook 6.0.55* and above.
- *i2 Visual Notebook 6*  
*TextChart 2.0.1* can run alongside *Visual Notebook 6.0.55* and above.

- *i2 ChartReader 6*  
*TextChart 2.0.1* can run alongside *i2 ChartReader 6.0.55* and above.
  - *i2 iBase 4*  
*TextChart 2.0.1* can run alongside *i2 iBase 4.0.55 SR1*.  
Refer to the *iBase 4.0.55 SR1* release notes for further information.
  - *i2 ChartExplorer*  
*TextChart 2.0.1* can run alongside *ChartExplorer 1.0.1 Edition 2* and above.
- Note:** *Analyst's Notebook* or *Visual Notebook* installed on the same computer as *TextChart* enables the Spelling Checker within *TextChart*.

You should contact i2 Support if you require more information on the above subjects.

### Workspace and template compatibility

Workspaces and templates created in previous versions of *TextChart* and *TextChart Designer* can be opened and used in version 2.0.1. *TextChart* version 2.0.1 however, is not able to save files in the format of older versions (1.0.1, 1.0.5 and 1.1.55); once you have opened and overwritten a previous version of a workspace or template in version 2.0.1, you will not be able to reuse it with any version of *TextChart 1*.

### Workspace compatibility

The following table summarizes the compatibility of *TextChart* workspaces with current versions of *TextChart*, *Analyst's Notebook* and *iBase*.

Workspace	Product		
	<i>TextChart 2.0.1</i>	<i>Analyst's Notebook 6.0.55</i>	<i>iBase 4.0.55 SR1</i>
<i>TextChart 1.0.1</i>	Opens	Opens	Loads
<i>TextChart 1.0.5</i>	Opens	Opens	Loads
<i>TextChart 1.1.55</i>	Opens	Opens	Loads
<i>TextChart 2.0.1</i>	Opens	Opens	Loads

## Template compatibility

The following table summarizes the compatibility of *TextChart* and *Analyst's Notebook* templates with current versions of *TextChart*, *Analyst's Notebook*, and *iBase*.

Template	Product			
	<i>TextChart</i> 2.0.1	<i>TextChart</i> 2.0.1 Designer	<i>Analyst's Notebook</i> 6.0.55	<i>iBase</i> 4.0.55 SR1
<i>TextChart</i> 1.0.5	Opens	Opens	Opens	Validates
<i>TextChart</i> 1.1.55	Opens	Opens	Opens	Validates
<i>TextChart</i> 2.0.1	Opens	Opens	Opens	Validates
<i>Analyst's Notebook</i> 6.0.13 SR2	Not applicable	Opens (using New From...)	Opens	Not applicable
<i>Analyst's Notebook</i> 6.0.55	Not applicable	Opens (using New From...)	Opens	Not applicable

## Windows Terminal Services

If you are installing using Terminal Services then you must install using Add or Remove Programs in the Control Panel.

## Installation steps

To install *TextChart* 2:

1. Close all applications that you have open.
2. Insert the *TextChart* 2 CD into your computer's CD drive.
3. The installation will start automatically. If it does not, run `Setup.exe`, located at:  
`CD Drive:\i2 TextChart`
4. Follow the prompts to complete the installation.

**Note:** You require administrator privileges to install *TextChart*.

i2 provides a means of installing *TextChart* without manual intervention (refer to the section called [Automated and silent installs](#)). i2 does not specifically support installation of *TextChart* using deployment and packaging tools. If your organization has a policy to deploy via deployment and packaging tools and you want to know more about the architecture of the *TextChart* installer, please contact i2 Support.

## Third party software

Installing *TextChart* installs the following third party software:

Third Party Software	Version
Aladdin Hardlock Drivers	4.96
HASP Drivers	8.0.1
Microsoft Visual Basic Runtime	6 Service Pack 5

Third Party Software	Version
Microsoft Visual C++ Runtime	6 Service Pack 5
Microsoft Windows Installer	2.9
Microsoft XML Core Services	4.0 Service Pack 2
Rainbow Sentinel Drivers	7.2
Verity HTML Export	9.1

You can prevent the installation of the third party software by setting the following parameter in the configuration file:

```
[Common]
i2_exclude_third_party=TRUE
```

You should refer to the section called [Automated and silent installs](#) in these release notes for more information regarding this configuration file.

### Language-specific files

The installation CD includes a folder containing language-specific files. The name of this language folder includes the specific language name and has the following syntax:

```
CD Drive:\i2 TextChart\Language\language-name
```

For example, for the English (US) language version, the language folder is named:

```
CD Drive:\i2 TextChart\Language\English (US)
```

This file is located in:

```
CD Drive:\i2 TextChart\Language
```

### Customizing installed files

During the installation, a number of files are installed from the language-specific folder. This provides a mechanism for you to customize the installation by copying the distribution CD content and changing the files in this folder. The following is an example of a file that is contained in this folder:

- Network dongle configuration – `Nethasp.ini`

### Automated and silent installs

A mechanism is available to configure and automate the execution of the *TextChart* installer through the use of a configuration file. This provides a means of installing the product without manual intervention.

The configuration file contains parameters that represent the values that are normally provided through dialogs to the installer, together with other installation options.

The facility is enabled through the use of the `Setup.exe` command line argument:

```
/i2_automate_path=pathname
```

where `pathname` is the path to the configuration file, including the name of the file itself.

A configuration file containing the installer default values, called `Automate.ini`, is included on the installation CD. This is located at:

*CD Drive*: \i2 TextChart\Language\language-name

Executing the installer with the `/s` command line argument causes it to run silently, providing for unattended installation. When this argument is used alone, a default installation will be performed. Silent installation can be combined with the configuration mechanism to control all of the installation options.

## Uninstallation steps

Installing *TextChart* adds the following entries to Add or Remove Programs:

- *i2 TextChart 2*  
Use this option to uninstall *TextChart*.
- *i2 Images Files 6*  
Use this option to uninstall the images used by *TextChart* and other i2 products.

## Enhancements and Bug Fixes

This section contains information on enhancements and bugs fixed in version 2.0.1.

### Enhancements in this release

#### Assigning attribute classes to entity and link types in TextChart Designer

When assigning attribute classes as slots to entity and link types, you can now assign multiple classes at the same time.

To add a range of classes, select the first one in the range, hold down the Shift key, and select the last one in the range. To add a selection of classes hold down the Ctrl key and click on each individual class to be added.

You can also add attribute classes by dragging from the attribute classes list directly into the attribute slots list.

#### Turning off smooth zoom in TextChart Designer

If you find the animated zoom effect disorientating in the chart areas of the Link Constraints and Derived Values pages, you can now turn off smooth zooming. When smooth zooming is turned off, each new view of the chart is displayed as an immediate transition, without any animation.

To turn off smooth zooming, turn on the **Disable Animated Zoom Effect** check box in the Options dialog.

#### Standard template updates

The Standard template that ships with *TextChart* has been updated to take account of some of the new features in this release. The option to allow inferred attribute values has been turned on, and derived attribute values have been enabled for the Account, Credit Card, Vehicle, Motorcycle and People entity types. Multiple markup append behavior has been enabled for many attribute classes such as Alias, Hair Color, and Occupation.

## Bug fixes in this release

This section lists some of the bugs fixed in this release. Note that this list is not exhaustive; only those issues of most relevance to users are included.

### Save workspace issues

Reported: 1.0.1, 1.0.5 and 1.1.55

The performance of the save workspace process has been improved in this release so that workspaces are saved much more efficiently and the application title bar no longer flickers. Less memory is used during the save process and workspace file sizes have been reduced.

Although there has been no reduction in the time taken to save a workspace for the first time (using **Save As**), the time taken for subsequent saves (using **Save**) has decreased significantly.

### Bold font in the legend

Reported: 1.0.5

Templates with bold font specified in the legend will no longer cause an error to be displayed when applied to a workspace or used to create a new workspace.

### Theme line diversion on change representation

Reported: 1.0.5

When an icon that is linked to an event frame is changed to a theme line, the theme line will now divert through the event frame as expected if **Divert Theme Lines** is set for the event frame.

## Known Limitations

This section contains information on known limitations in version 2.0.1.

### Derived attribute value support

Reported: 2.0.1

Attribute values can be derived for many of the entity semantic types in the Semantic Type Library. Currently however, derivations are supported for the Bank Account, Credit Card, Person, Motorcycle and Motor Vehicle entity semantic types only. Derivations based on other entity semantic types have not been tested and therefore are not currently supported by i2.

For more information about derived attribute values, refer to the *TextChart 2 Designer* documentation.

### Attribute value derivation issues

Reported: 2.0.1

Incorrect or unexpected behavior may occur when deriving attribute values based on the following property semantic types:

- Vehicle License Plate Number - US license plates containing 4 digit numeric characters are not always recognized.

- Vehicle Model – where the vehicle model is comprised of letters and numbers such as Jaguar XK8, the full model name is not always recognized. In some circumstances, the model name may be mistaken for the vehicle license plate, for example when the text Lincoln Grand Cherokee SRT8 is marked up.

Motorcycle vehicle models are not always recognized, for example Honda Gold Wing.

- Person Last Name – in some cases, last names are incorrectly recognized as first names and vice versa, for example if the text CARTER Gary is marked up instead of Gary CARTER.

When marking up hyphenated last names, the first part of the name is recognized as a middle name. For example, when marking up Debbie SMITH-CARTER, CARTER is derived as a last name and SMITH is derived as a middle name.

If a name is not recognized, it will not be derived as a last name even when it follows a person title, for example when marking up the text Mr BLOGGS.

- Person Suffix - MBE is not recognized as a person suffix. For example, when marking up Peter INGRAM MBE, INGRAM is derived as a middle name and MBE is incorrectly derived as a last name.
- Account Routing Number - UK Building Society roll numbers are not always recognized.

### **PDF documents created from an OCR process**

Reported: 2.0.1

Some OCR tools will create PDFs that consist only of a series of images (TIFFs) comprising the pages of the processed document. When such a PDF is added to *TextChart*, it is displayed as a blank document in the Document Pane; this is because pictures contained within PDF documents are not imported during the conversion process.

A possible workaround is to convert the PDF before adding it to *TextChart*, using a tool that converts PDF content to Microsoft Word or text.

### **Ghost markups**

Reported: 2.0.1

It is sometimes possible for the text in a document to remain highlighted when a markup is deleted, as if the deletion had not taken place. This occurs when the conversion to HTML from the original document format results in badly formed tags which prevent the removal of highlight colour tags.

While this situation should rarely occur, there is a potential workaround; by creating a markup that extends slightly beyond the start and end of the ghost markup, then deleting it.

### **Undo proportional layout**

Reported: 2.0.1

Depending on the complexity of the chart and the number of controlling items, an undo operation after performing a proportional layout may not yield the expected result. There is no workaround for this problem other than to save your visualization immediately prior to performing a proportional layout in case you need to restore it by reopening it.

## **OpenOffice document formatting**

Reported: 2.0.1

There are limitations to the level of support provided for OpenOffice/StarOffice 1.0 document formats. Verity HTML Export does not preserve formatting which means that tables, paragraph styles, font styles and so on are removed from an OpenOffice document when it is added to *TextChart*.

A possible workaround when using OpenOffice/StarOffice is to save the document in RTF or Microsoft Word format before adding it to *TextChart*, thereby preserving the formatting of the document.

## **Exception raised when attempting to reorder a numeric attribute slot having entered an invalid default value in TextChart Designer**

Reported 2.0.1

If you edit the default value of a numeric attribute slot and enter invalid (non numeric) characters, this change is rejected as normal. If you then attempt to reorder the attribute slot, an exception can occur. You should dismiss the resultant dialog and then cancel out of the Entity Type dialog; if you click **OK** the attribute slot will be deleted.

## **Multiple derived values on Apply New Template**

Reported: 2.0.1

Derived values are generated at the point when an entity is created, meaning that an attribute slot will normally contain just one derived value. When a new template is applied to a template however, additional attribute values may be derived and added to slots which already contain derived values. This happens where both the original and new templates have derived values enabled, and an entity on the chart has an occurrence markup set as the label (not the original markup that was used to create the item). In this case, the Apply New Template process will generate new derived values from the selected occurrence markup. There is no loss of data, and the new derived values may be edited, set as the attribute value or deleted as required.

## **Pictures in PDF documents**

Reported: 1.0.5

Pictures contained in PDF documents are not imported and therefore are not displayed in the Document Pane.

## **Duplicating entity and link types in TextChart Designer**

Reported: 1.0.5

When designing templates in *TextChart Designer*, it is possible to duplicate the properties of existing entity and link types. However, any attribute slots that have been assigned to the existing entity or link type are not duplicated.

## **Renaming a document from its tab**

Reported: 1.0.5

It is no longer possible to rename a document by clicking on its tab in the Document Pane. To rename a document from within *TextChart*, display the Workspace Properties dialog and edit its **Display Name**.

## **Document display**

Reported: 1.0.1

HTML, PDF and other document types do not always convert or display properly within the Document Pane. The degree of fidelity to which the original format is preserved, and its subsequent usability in *TextChart*, is dependent upon the originating application, its version, and the complexity of the document content. This limitation may arise for example if your document has tables, pictures, special characters or different color text.

## **Text selection where text split across cells**

Reported: 1.0.1

It is not currently possible to select text which is split across cells as a single unit for mark up purposes. Depending on the original document content, it may not be immediately obvious that the converted text spans cells in a table.

## **Selecting higher document zoom levels**

Reported: 1.0.1

Highlighting text at higher document zoom levels, for example 200%, is more difficult than if zoom level is set to a lower level, for example 100%. Recommendation is that zoom level for highlighting text is set to a lower level.

## **Combinations of foreground and background color do not appear to select correctly**

Reported: 1.0.1

Applies to Windows 2000 or Windows XP running under Windows Classic Theme – certain combinations of foreground and background colors (for example, pink text on a white background) will not show correct selection, although the text has been selected correctly.

## **Printing of large documents**

Reported: 1.0.1

Large documents can sometimes take a long time to be sent to the printer during which time the computer is at full capacity; this means *TextChart* may be unresponsive during this time.

## **Installation of Verity HTML Export**

Reported: 1.0.1

*TextChart* depends on Verity's HTML Export product to convert documents of various types. It is a COM based product, meaning that only one version is available for use on a computer at any time. This means that:

- existing users of Verity HTML Export should exercise caution when installing *TextChart* as it may cause problems for existing applications using Verity HTML Export
- *TextChart* may not work properly with different versions of Verity HTML Export

For computers that already have Verity HTML Export installed, the following information applies:

- the version provided with *TextChart* is bundled by Verity as Verity HTML Export 9.1 - it comprises a single COM component and a number of supporting conversion DLLs.
- the name of the COM component is HTMSERV.DLL
- you can determine the location of the currently installed version of Verity HTML Export either by searching for it, or by reading the registry key:  
HKEY\_CLASSES\_ROOT\CLSID\{017901D9-6DCA-11D2-8CAD-0080C7330AC6}\InprocServer32
- you can determine the version information by looking at the properties of this file. The version supplied with *TextChart* has the following characteristics:
  - File Version 2.0.0.0
  - Build 20050802

The *TextChart* installer will identify whether an existing version of the HTMSERV.DLL file is present on the computer, and whether it appears to be older or newer than the version provided with *TextChart*. If it is found, the installer offers the following choices:

1. **Update** - install the version provided with *TextChart* and proceed with the *TextChart* installation; the existing DLL will NOT be overwritten but it will no longer be registered. This is the default option if a version of the DLL that appears to be older is installed on your computer.

**Note:** In certain unusual circumstances the check for the newer/ older version of the DLL can fail and you will be prompted to update the installed version of the DLL even though it is newer than the version provided with *TextChart*. In the unlikely event of this happening, the original DLL will need to be re-registered. Please contact Technical Support who will guide you through this process.

2. **Use Existing** – proceed with the installation but do not register the version provided with *TextChart*. This is the default option if a version of the DLL that appears to be newer is already installed on your computer.
3. **Abort** - abort the installation to allow further investigations as necessary.

Choosing option 2 will require *TextChart* to be configured, ensuring that it can find the Verity files required. To do this, edit the `install.config` file found in the `i2 TextChart\System` directory. In the following example, the line highlighted in bold should be edited to reflect the location of the currently installed supporting conversion DLLs:

```
<?xml version="1.0"?>
<i2TextChart>
  <ApplicationInstallation
    AppInstallDir="C:\Program Files\i2 TextChart"
    CommonInstallDir="C:\Program Files\i2 TextChart\System"
    VerityInstallDir="C:\Program Files\i2 TextChart\Verity"
    AppDataDir=""
    HelpDir="C:\Program Files\i2 TextChart" />
</i2TextChart>
```

## Contacting i2

If you have a question and cannot find a solution in these release notes or in the product documentation, you can send an e-mail to your local i2 Support representative.

If you have bought this product direct from i2 then use one of the following e-mail addresses:

- North and South America, e-mail [support@i2inc.com](mailto:support@i2inc.com).
- UK and Rest of the World, e-mail [support@i2.co.uk](mailto:support@i2.co.uk).

**Note:** You must have an up-to-date i2 Support and maintenance agreement and your dongle number as a reference when contacting Support.