Modifying the Document Hierarchy

A Document Hierarchy gives a *Taskmaster RRS* application its design and operating foundation. (For an introduction to *Taskmaster RRS* applications, see Chapter 4).

The *Document Hierarchy* tab is a prominent component of each DStudio page: its tools manage the application's Document Hierarchy; display the hierarchy's objects, and their properties and variables; and provide instant information about the RuleSets and rules assigned to the objects.

Chapter 5 shows you how to use the *Document Hierarchy* tab of DStudio's **Rulemanager Page** to set up and modify an application's Document Hierarchy.

The chapter's contents include:

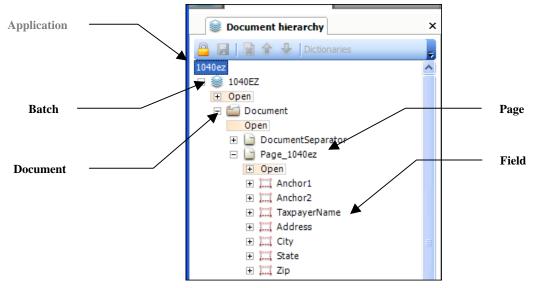
5.1	Rulema	anager Page: Document Hierarchy Tab	5-2
	5.1.1	Toolbar Icons of the Document Hierarchy Tab	5-4
5.2	How to	Modify the Document Hierarchy	5-6
	5.2.1	How to Add Multiple Objects in One Step	5-8
	5.2.2	Arrows, Deletions and Dictionaries	5-9
	5.2.	.2.1 Dictionaries	5-9
	5.2.3	How to use the Find Icon	5-11
5.3	Managi	ing the Document Hierarchy's Levels and Objects	5-12
	5.3.1	Application Level	5-12
	5.3.2	Batch Level	5-12
	5.3.3	Document Level	5-14
	5.3.4	Page Level	5-14
	5.3.5	Field Level	5-14
5.4	Docum	ent Hierarchy Objects - Properties & Variables	5-17
	5.4.1	Batch Properties and Variables	5-17
	5.4.2	Document Properties and Variables	5-19
	5.4.3	Page Properties and Variables	5-20
	5.4.4	Field Properties and Variables	5-22
	5.4.5	How to Add or Remove Properties and Variables	5-26
5.5	How to	Use the Properties Dialog	5-28

5.1 Rulemanager Page: Document Hierarchy Tab

A Document Hierarchy is the core component of this tab – and the core component of the *Taskmaster RRS* application itself.

✓ The Document Hierarchy is an XML file that typically resides in the application's Process directory. By default, its structure and contents appear in this tab as soon as you open Datacap Studio.

Here is an opening view of the 1040EZ application's Document Hierarchy (1040.xml).



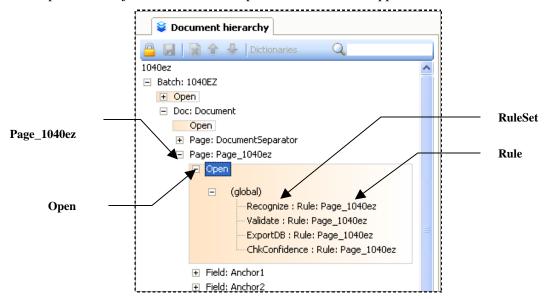
Survey DStudio - Rulemanager Page
Document Hierarchy tab

This illustration above lists objects at four levels:

- Application. *Very important!* This level is *not* a true member of the tree because it contains only an Application ID rather than an object name, and therefore cannot be the parent of objects at any other levels. Still, the **Application** does have important properties; for details, see Page 12.
- **Batch**. The single object at this level represents the application's foremost processing entity: it is the parent of objects at every other level. The **Batch** object's name 1040EZ, in this case is also the name of the Taskmaster workflow that creates and processes a batch and its contents (Chapter 4). A batch can hold an object at any of the lower levels, including documents, pages and fields.
- **Document**. A typical application uses a *Rulerunner* task to organize a batch into a series of documents, and assign pages to each document. The **Document** object

(*Document*, above) is the parent to one or more **Page** objects that represent the pages that will be part of each processed document. A document can also be the parent of field objects.

- **Page**. A **Page** object usually corresponds to a single document image. It may have different Page Types. Most fields exist at the **Page** level.
- Field. Data that has been recognized, manually entered, or created by rules is usually stored in **Field** objects. Although most commonly on the **Page** level, fields can be at the **Batch** or **Document** level. In addition, "sub-fields" can be stored in other fields.
- ✓ **Very important!** The boxed and shaded **Open** container holds RuleSets and rules tied to a particular object. Here is an example from the *1040EZ* application:



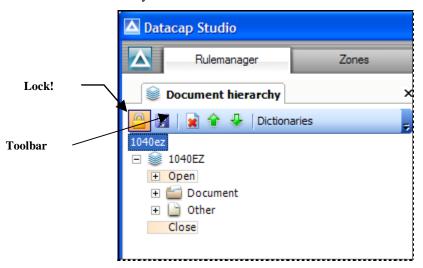
The **RuleSet/Rule combinations** illustrated above determine how a task processes the page and its data when the page is **Open** and available.

✓ This Page object also has a Close container. Any RuleSet/Rule combinations you place here will be carried out after all rules involving children of the page – its fields, in this case – have been carried out. Often, these rules close a database that was first opened by a RuleSet/Rule combination in the page's Open container.

5.1.1 Toolbar Icons of the Document Hierarchy Tab

The *Document Hierarchy* tab's toolbar has seven icons. However, most are *unavailable* until you depress the **Lock** toggle switch.

✓ Very important! This toggle step is as significant as it is simple because it frees the remainder of the toolbar and other aspects of the Document Hierarchy (see the explanation in the table below.) It locks out other users from making changes to the Document Hierarchy.



Document Hierarchy Tab's Toolbar - Locked Mode

From left to right, the toolbar includes:

Icon	Description	
<u></u>	When you depress this toggle switch, Datacap Studio "locks" the Document Hierarchy, and most features of the tab.	
	The <i>locked</i> mode locks out other users by ensuring that they cannot make changes to the Document Hierarchy	
	Be sure to un-lock the tab after you have finished. Remember, too, that you will not be able to modify the current Document Hierarchy if you have been locked out by another user.	
, 🔚	This icon saves any changes you make to the Document Hierarchy.	
	The Delete icon removes objects of the Document Hierarchy (<i>without a warning</i>).	

Toolbar Icons of the Document Hierarchy Tab (continued)

lcon	Description
	These arrows move a selected object up or down within the same level of the Document Hierarchy.
Dictionaries	You can use this icon to define a dictionary of alternative values for a field and assign the dictionary to a specific Field object. (Page 9 explains the role of a Dictionary property and shows you how to use this icon.)
Find: SpouseSSN	Find locates an object within the Document Hierarchy when you specify its name.

✓ *Don't forget!* The toolbar and the Document Hierarchy are not available until you toggle the **Lock** icon into its *Locked* mode.

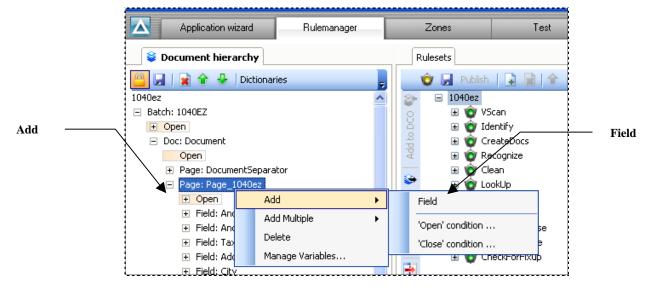
5.2 How to Modify the Document Hierarchy

Chapter 2 of this manual shows you how to use Datacap Studio's **Application Wizard Page** to put together a new *Taskmaster RRS* application. An essential and preliminary procedure involves the design and development of the application's Document Hierarchy.

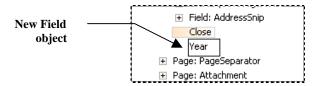
This chapter reviews the steps you take to modify the Document Hierarchy. To begin, you can follow the steps below to add new objects (using the *1040EZ* application for examples.)

Step Action

- 1. Lock the Document Hierarchy by depressing the **Lock** icon. (**Don't forget!**)
- 2. **Right-click** on the *parent* object of the proposed new object: Page_MyNewApp in the example below. (You cannot add a **Batch** object.)
- 3. Select the **Add** or **Add Multiple** option (Page 8 shows you how to add multiple objects.)
- 4. Click on the type of object you're adding **Field,** in the example. (Chapter 6 shows you how to add *Open* or *Close* conditions.)



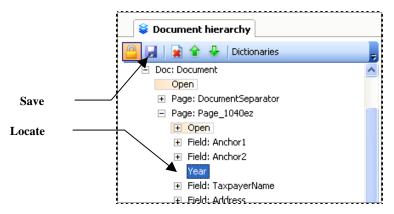
5. Locate a blank new object at the bottom of the listing of the *parent* object's children, and give it a name:



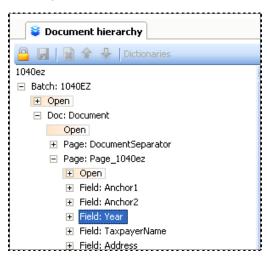
How to Modify the Document Hierarchy (continued)

Step Action

6. Use the Arrow tools to place the new object in its correct location.



7. Save the object's information: be sure that it is listed as a **Field** object of the 1040EZ Document Hierarchy (in this case) and a child of the Page_1040ez **Page** object.

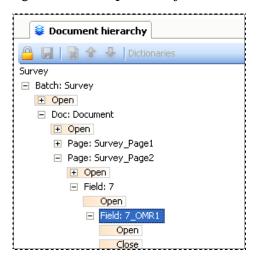


8. Toggle the **Lock** icon to update the Document Hierarchy with your changes, and to release the updated application to other authorized users.

5.2.1 How to Add Multiple Objects in One Step

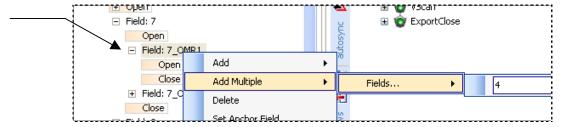
Step Action

- 1. Lock the Document Hierarchy (using the *Survey* application below, for examples.)
- 2. Right-click on the *parent* object.

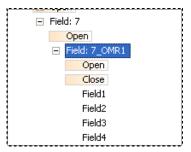


- 3. Select **Add Multiple** and the applicable object type (**Fields**, in this example.)
- 4. Click on the shaded area to the right. When a Data Edit field appears, enter the number of new objects ("4" in the example.)

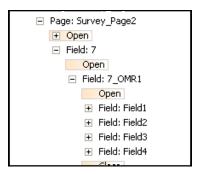
Parent object



- 5. Press the Enter key on your keyboard.
- 6. Confirm that Datacap Studio has placed the correct number of *child* objects under the *parent* object.

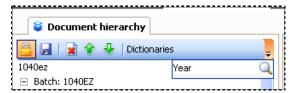


7. Press the toolbar's **Save** icon and the **Lock** icon. Be sure that the new fields are correctly designated as **Field** objects.



5.2.2 Arrows, Deletions and Dictionaries

• Unlocking the Document Hierarchy releases it to any member of the development team who first locks it. When you lock the Document Hierarchy, five previously grayed-out icons are now available: these are described on Page 4.



Save retains any changes you make -if you follow up by releasing the **Lock** icon.

🗵 deletes a highlighted object *and* its children.

↑ and ▶ move a highlighted object up and down within the same level of the Document Hierarchy. *Important!* The Document Hierarchy remembers the result of a move only if you save it and unlock it.

5.2.2.1 Dictionaries

A **Dictionary** is a property of an Optical Mark Recognition (OMR) field – and maps the field's options.

A typical dictionary consists of:

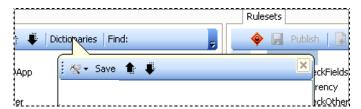
- A unique **ID**: "PageIDs", for example
- Multiple Words such as "Page1", "Page2", "Page3"
- Values representing each word: 1, 2, 3 (for example)

When a Verify task runs, the words appear as a drop-down list in the applicable field. Meanwhile, the corresponding selected values often become part of an Export file or database.

To set up a new dictionary, take these steps:

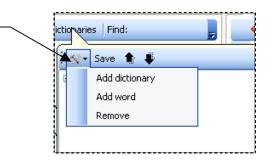
Step Action

- 1. *Lock* the Document Hierarchy!
- 2. Press the **Dictionaries** icon to open the **Dictionaries** dialog.



3. Click on the Edit button.





- 4. *Lock* the Document Hierarchy!
- 5. Select **Add Dictionary**.
- 6. Enter a unique Dictionary ID:



- 7. Press the Save button.
- 8. Click on the Edit button and select **Add Word**.





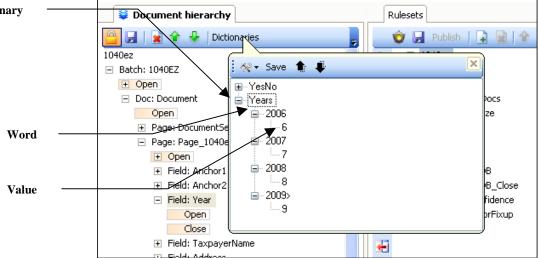
9. Repeat Step #7 for each word in the Dictionary.

How to Define a Dictionary (continued)

Step Action

10. To add a value to word, open the word's hierarchy and insert the value:

Dictionary



- 11. Repeat Step #9 to add more values
- 12. Press the Save button and the Document Hierarchy's **Save** icon.
- Page 17 examines properties of objects at various levels of the Document Hierarchy, and shows you how to add and modify properties and their values including the **DICT** property that identifies a dictionary you have defined and assigned to a **Field** object.

5.2.3 How to use the Find Icon

The **Find** icon at the right edge of the tab's toolbar conducts a straightforward search for an object of the Document Hierarchy that you specify by entering a name in the accompanying field.

A search is confined to levels and objects of the Document Hierarchy; it does look for properties, RuleSets or rules.

Please note: a search will only match whole words, and only find the first instance of the match.

5.3 Managing the Document Hierarchy's Levels and Objects

After you press the **Lock** icon and *right-click* on an object of the Document Hierarchy, a set of management options appears on your screen.

✓ The nature and number of options depends on the level and object you have selected: even the Application ID at the top offers an option.

(The descriptions in this section use the *1040EZ* application provided by Datacap for examples.)

5.3.1 Application Level

The *Delete* option removes the application's Document Hierarchy – a *radical step* for an *Taskmaster RRS* application which is firmly in place.

On the other hand, if you are putting together a sample application such as *MyNewApp*, the **Delete** option is an easy way to eliminate the Document Hierarchy and evaluate the results of this step throughout Datacap Studio and throughout the application.



Application Object Management Object

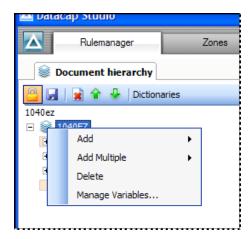
✓ *Very important!* Before you use this procedure, save the Document Hierarchy file (.xml) in a safe location under a different name.

5.3.2 Batch Level

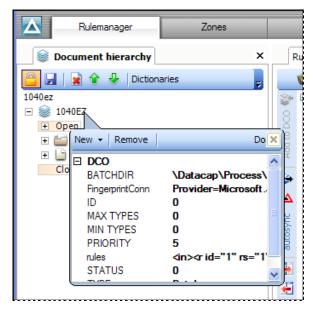
The **Batch** object has the Object Management options depicted on the next page. When you right-click on this object:

Add gives you a chance to add children to the Batch object. Note that in addition to documents, a batch can be the parent of a Page object (such as the Other page) – even a Field object.

- ◆ Add Multiple places multiple children under the **Batch** object in one step (see Page 8).
- ◆ Delete removes the Batch object and all objects below it. Again, this is a radical move that deserves careful planning and consideration. Alert! If you inadvertently delete this or any other object, unblock the Document Hierarchy without saving it to restore the original version.
- Manage Variables opens the Object Properties & Variables dialog. This dialog lists an object's setup properties and its runtime variables and their values. Page 17 explores this dialog.



Batch Object Management Options



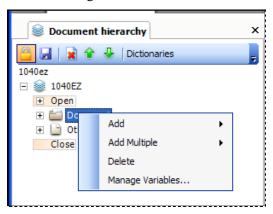
Properties & Variables Dialog - Batch object

5.3.3 Document Level

The Object Management options of the **Document** object are the same as those of the **Batch** object.

Remember: Right-click on the object's name to view these options.

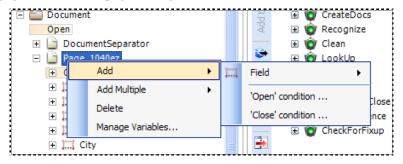
The properties and variables of the **Document** object differ slightly from those of the **Batch** object. For details, see Page 19.



Document Object - Management Options

5.3.4 Page Level

A **Page** object's Management Options are more limited because you can only add fields to the page, and remove pages along with their fields:



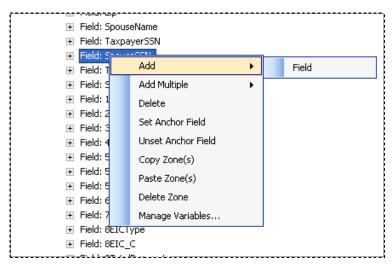
Page Object - Management Options

Page 20 describes the properties and variables of the **Page** object.

5.3.5 Field Level

The focus of the 1040EZ application –and of your Taskmaster RRS application, too – is on the fields of a source page such as Page_1040EZ.

Because of its relative importance, the **Field** object typically has a long list of Management Options:



Field Object Management Options

This table describes the options for a **Field** object.

Option	Description
Add	Adds a single Field object as a child of the field you've highlighted.
Add Multiple	Adds multiple Field objects as children of the highlighted field (Page 8).
Delete	Deletes the field and any children it may have. <i>Alert!</i> Datacap Studio removes fields without a warning.
Set Anchor Field	Allows fields represented by the highlighted Field object to serve as anchors.
	Typically, an anchor field does not contain data. Instead, it features a strong visual feature that a <i>rulerunner</i> task can use to identify and straighten a <i>source</i> page.
	This option combines with special settings in the Field object's <i>Properties & Variables</i> dialog and tools in the Zone Page (Chapter 7).
Unset Anchor Field	Deprives a Field object of its ability to serve as an anchor.

Management Options - Field Objects (continued)

Option	Description	
Copy Zone(s)	Copies the zone that surrounds the field you have highlighted, from one fingerprint to another.	
	<i>Important!</i> This option is only available when you are working in the Zones Page (Chapter 7).	
Paste Zone(s)	Pastes a copied zone to the Field object you highlight.	
	<i>Important!</i> This option is only available when you are working in the Zones Page (Chapter 7).	
Delete Zone	Removes the zone surrounding the Field object you have highlighted (Chapter 7).	
Manage Variables	Opens the Field object's <i>Properties & Variables</i> dialog.	

5.4 Document Hierarchy Objects - Properties & Variables

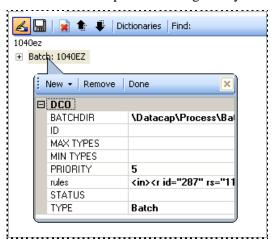
If you right-click on an object of the Document Hierarchy and select the **Manage Variables** option, the *Properties & Variables* dialog will appear on your screen.

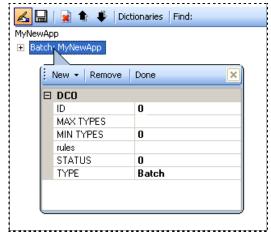
- ✓ The dialog's contents will differ depending on:
 - the nature of the object is it a **Batch**, **Document**, **Page** or **Field** object? (This dialog does not appear with the top-level **Application**.)
 - Setup properties and values you have added.
 - *Runtime* variables. Tasks assign values to these variables when they run.

This section describes the basic properties and variables for objects at each level. Page 28 reviews additional properties and variables.

5.4.1 Batch Properties and Variables

Below are two versions of the *Properties & Variables* dialog for a **Batch** object - one for the well-worn 1040EZ application, the other for a *MyNewApp* application. (*Don't forget!* You cannot open this dialog until you have depressed the **Lock** icon.)





1040EZ: Properties & Variables

MyNewApp: Properties & Variables

The table on the next page describes the properties and variables in these illustrations.

Note that the new application's dialog appears to be missing two properties: **BATCHDIR** and **PRIORITY**. Note, too, differences in the properties' values.

Batch Object – Properties and Variables

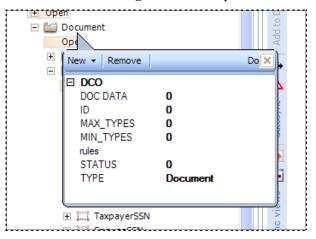
Property/Variable	Assigned Value	Description
BATCHDIR	\Datacap\Process\	The name of an optional <i>runtime</i> variable.
	Batches	\Datacap\Process\Batches is the variable's stand-in value; during processing, a Scan task assigns an actual value.
ID	0	An optional <i>runtime</i> variable that will contain the current Batch ID.
		"0" is the variable's stand-in value; during processing, the current task assigns the actual value: 20060228.005 , for example.
MAX_TYPES	0	The <i>maximum</i> number of document <i>types</i> that can be part of the <i>runtime</i> Batch object, one level below in the Document Hierarchy.
		Specifying that <i>MAX_TYPES</i> = 3 for a Batch object means that a batch cannot have more than three documents of different types.
		"0" indicates that there is no maximum – and is the customary value for this setting.
MIN_TYPES	0	The minimum number of document <i>types</i> that <i>must</i> be children of the <i>runtime</i> Batch object one level below in the Document Hierarchy.
		"0" indicates that there is no minimum.
rules	<in> <r id="287" rs="Clean"></r> </in>	XML "attributes" that designate the RuleSet/ Rule combinations assigned to this Batch object, by specifying Rule IDs and RuleSet names.
		This <i>setup</i> property is automatically updated when you add new rules or remove existing rules. (Chapter 6).
PRIORITY	5	The default property that is assigned to a runtime batch.
		Priority values range from "1" (<i>high</i>) to "10" (<i>low</i>): "5" is the default value. This value is superseded by values assigned by individual Taskmaster jobs.

Batch Object - Properties and Variables (continued)

Property/Variable	Assigned Value	Description
STATUS	Numeric	A <i>runtime</i> value with a number representing the processing status of the batch.
		Alert! This is a required property.
ТҮРЕ	Batch	The nature of the object.
		You <i>cannot</i> change this value.

5.4.2 Document Properties and Variables

To review the default properties and variables of a **Document** object, right-click on the document's title and select the **Manage Variables** option:



The *Manage Properties & Variables* has these default settings:

Property/Variable	Assigned Value	Description
DOC DATA	0	A variable data holder assigned by rules at run time.
ID	0	A <i>runtime</i> variable that can contain a Document ID.
		The Document ID is usually an extension of the Batch ID: 20060228.005.01, for example.

Document Properties and Variables (continued)

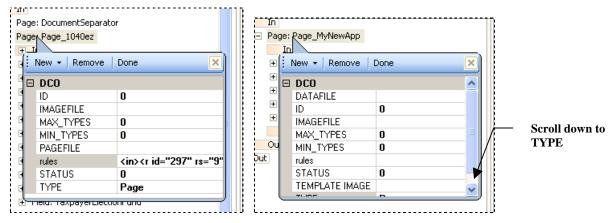
Property/Variable	Assigned Value	Description
MAX_TYPES		The maximum instances of any object that can occupy the Page level, one level below the Document level.
MIN_TYPES		The minimum instances of any object that must occupy the Page level, one level below the Document level.
Rules	<pre>Syntax:</pre>	XML "attributes" that designate the RuleSet/Rule combination(s) assigned to this Document object, by specifying the rules' ID's and the RuleSets's names. This <i>setup</i> property is automatically updated when you add new rules or remove existing rules (for details, see Chapter 6.)
STATUS	0	A <i>runtime</i> variable that can hold the processing status assigned to the current document. "0", for example, might indicate an acceptable document and "1" a problem document.
ТҮРЕ	Document	The nature of the object. You <i>cannot</i> change this value.

5.4.3 Page Properties and Variables

A **Page** object's default properties and variables are similar but *not* identical to those of a **Batch** or **Document** object.

✓ Furthermore, contents of the *Properties & Variables* dialog may differ from page to page – depending on the roles the pages play. For example, production of the *MyNewApp* application automatically provides every page including the *Other* and *Attachment* pages with a full set of properties and variables.

Administrators of 1040EZ, on the other hand, have steadily removed unnecessary elements of the application's **source** page: Page_1040EZ. The table on the next page, however, describes all standard properties and variables of the **Page** object.



Page_1040EZ

Page_ MyNewApp

Page Object: Properties and Variables

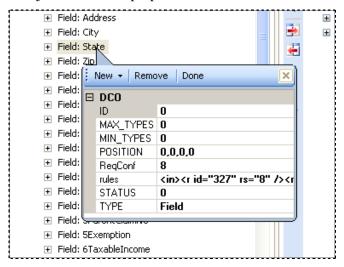
Property/Variable	Assigned Value	Description
DATAFILE		A <i>runtime</i> variable that can contain the name and path of the Data file (.xml) for the current <i>source</i> page.
		Note that DATAFILE is usually not a variable of the <i>Page_1040EZ</i> Page object., although it may be at <i>runtime</i> variable.
ID	0	A <i>runtime</i> variable that can contain a Page ID.
		"0" is a stand-in value. An actual Page ID typically has this syntax: tm000001.
IMAGEFILE		A <i>runtime</i> variable that can contain the name and path of the Image file (.bmp) for the current page.
MAX_TYPES	0	The maximum instances of any object that can occupy the Field level, one level below the Page level.
MIN_TYPES	0	The minimum instances of any object that must occupy the Field level.
PAGEFILE		A <i>runtime</i> variable that can contain the name and path of the current Page file (<task>.xml).</task>
		Note that PAGEFILE is not a default variable of the <i>Page_MyNewApp</i> Page object.

Page Object: Properties and Variables (continued)

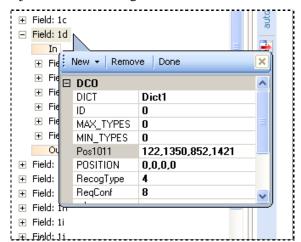
Property/Variable	Assigned Value	Description
rules	<pre>Syntax:</pre>	XML "attributes" that designate the RuleSet/Rule combination(s) assigned to this Page object, by specifying the rules' ID's and the RuleSets' names. This <i>setup</i> property is automatically updated when you add new rules or remove existing rules. (For details, see Chapter 6). There are no values for the <i>Page_MyNewApp</i> page because rules have not yet been assigned to this Page object.
STATUS	0	A <i>runtime</i> variable that can hold the processing status assigned to the current page. "0", for example, might indicate an acceptable page and "1" a problem page.
ТҮРЕ	Page	The nature of the object. You <i>cannot</i> change this value.

5.4.4 Field Properties and Variables

For some **Field** objects, the list of properties and variables is short.

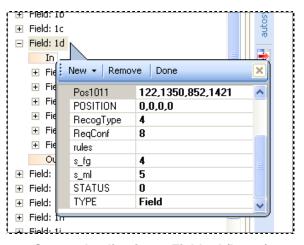


Properties and Variables of the State Field 1040EZ Application



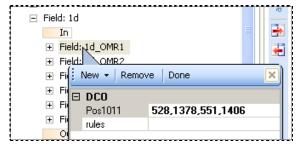
For other **Field** objects, the list is longer:

Survey Application - Field 1d (upper)



Survey Application - Field 1d (lower)

✓ Sometimes, a **Field** object has almost nothing!



Survey Application – Field 1d_OMR1

The table on the next page describes a **Field** object's default properties and variables.

Properties and Variables of Field Objects

Property/Variable	Assigned Value	Description
ID	0	A <i>runtime</i> variable that can contain the name of the Field object.
MAX TYPES	0	Not applicable to Field objects.
MIN TYPES	0	Not applicable to Field objects.
POSITION	0,0,0,0	Placeholders for four coordinates that locate a field of the parent Page object.
		The coordinates define a rectangle: X1 (Left), Y1 (bottom), X2 (Right), Y2(top). Because these are placeholders, each coordinate is "0".
		A rulerunner task replaces the default "0"s with the four values that locate a field on a specific page. The task then assigns these values to the field's Position property, in the Data file (.xml) for that page (tm000001.xml, for example.)
ReqConf	8	The <i>minimum</i> Confidence Rating for this Field object.
		A field's actual Confidence Rating is the lowest of the ratings of <i>recognized</i> characters in the field
rules	<pre>Syntax:</pre>	XML "attributes" that designate the RuleSet/Rule combination(s) assigned to this Field object, by specifying the rules' ID's and the RuleSets' names.
	72 170002	This <i>setup</i> property is automatically updated when you add new rules or remove existing rules (Chapter 6).
STATUS	0	A <i>runtime</i> variable that can hold the processing status assigned to the current field.
		"0", for example, might indicate an acceptable field and "1" a problem field.
TYPE	Field	The nature of the object.
		You <i>cannot</i> change this value.

✓ Other properties and variables deserve your attention, including:

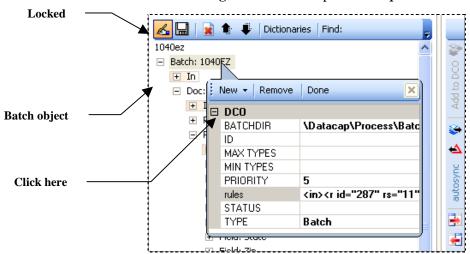
Property/Variable	Assigned Value	Description
DICT	Dict1	This is the name of a dictionary with words that appear as alternative values in a Verify task's <i>Data Entry</i> panel.
		DICT is the property's ID; Dict1 is the dictionary's name. Page 9 describes the steps you take to define a new dictionary.
Length	Numeric	This property specifies a field's maximum length in terms of characters, spaces and punctuation.
Lookup	Connection String	The value you assign to this property is a Connection String that links the field to a table in a Lookup database.
Order	Numeric	The relative placement of this Field object in the workflow's processing queue if the object is a sub-field.
Pos1011	122,1350,852,1421	These are coordinates of the field's POSITION property for a specific fingerprint – in this case, Fingerprint 1011.
		Datacap Studio will automatically insert a new Pos <i>NNNN</i> property when you zone this field on another fingerprint (Chapter 7).
Text	Alphanumeric	A property of the Field object that signifies a "sticky" field.
		This means that the field will default to this until a user changes it
RecogType	4	<i>Important!</i> Datacap Studio's Field Zoning procedures establish the three properties in this group – RecogType , s_fg , and s_ml . (Chapter 7).
s_fg	4	Field Zoning property (Chapter 7)
s_ml	5	Field Zoning property (Chapter 7

5.4.5 How to Add or Remove Properties and Variables

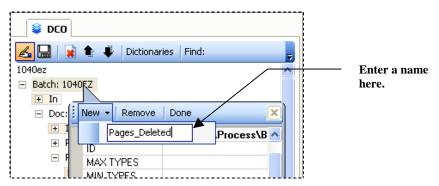
To add a new property or variable, take these steps:

Step Action

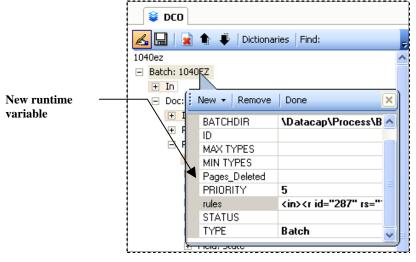
- 1. **Remember!** Toggle the Document Hierarchy's tab's **Lock** icon to its *Locked* position.
- 2. Right-click on the object to which you are adding a property or variable.
- 3. Select **Manage Variables** to open the *Properties & Variables* dialog.



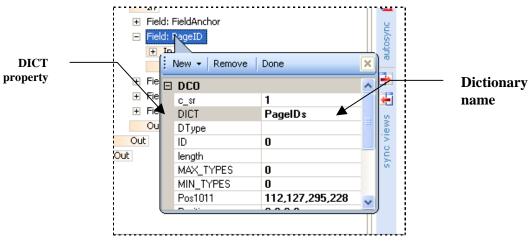
4. Press the New button to expose a blank data field. Enter a brief but clear name for the property or variable.



- 5. Press your keyboard's Enter key. If you are adding or even defining a new *setup* property, enter a value in the field next to the property. The **DICT** property, for example, needs the name of a dictionary you have defined (Page 9).
- 6. Press the dialog's Done button. Close the dialog and click on the *Document Hierarchy* tab's Save button.



Properties & Variables Dialog – 1040EZ Batch Object

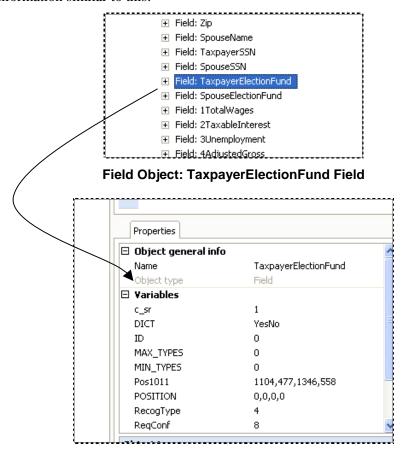


Properties & Variables Dialog - MyNewApp Field Object

- ✓ Although the distinction between a setup *property* and a runtime *variable* is not rigid, two broad guidelines apply:
 - Values are assigned to **properties** during the setup of the application's Document Hierarchy and its fingerprints. These values do not change when tasks run.
 - Actions that are part of a rule's function may assign values to variables as the tasks that apply these rules run.

5.5 How to Use the Properties Dialog

When you select an object of the Document Hierarchy, the *Properties* dialog contains information similar to this:



Properties Dialog - TaxpayerElectionFund Field

Usually, the *Properties* dialog duplicates the information in the object's *Objects and Properties* dialog (Page 17).