

Boolean Logic Basics

This topic explains the various fields and features of the **Full Boolean** tab on the **Core Database Query** dialog box. This tab helps you to develop complex search phrases in order to pinpoint specific information in the **Core Database**.

You can access the **Full Boolean** tab from either the column view or the form view. To access the **Full Boolean** tab:

- On the toolbar, click **Boolean**.

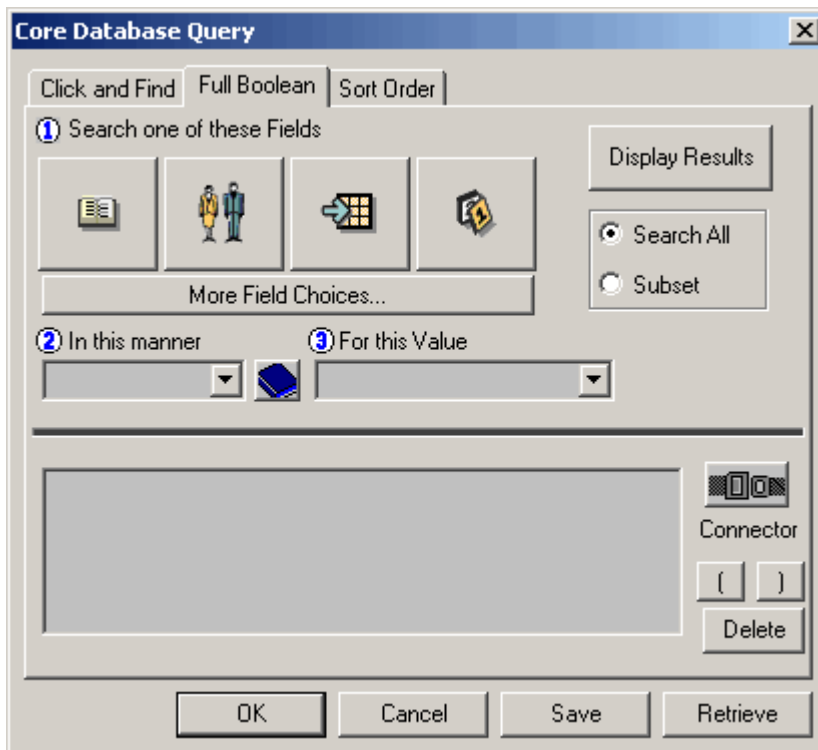


Boolean Button

- From the **Search** menu, select **Full Boolean**.
- On the toolbar, right-click **Search** and select **Full Boolean**.
- On the toolbar, right-click within the **Search** box and select **Full Boolean**.
- In the **Case Explorer**, right-click **Core Database** and select **Full Boolean Search**.

Any of the actions listed above will display the **Full Boolean** tab on the **Core Database Query** dialog box. The table beneath the figure describes the items on this tab.

Core Database Query Dialog Box, Full Boolean Tab



The screenshot shows the 'Core Database Query' dialog box with the 'Full Boolean' tab selected. The interface includes several sections:

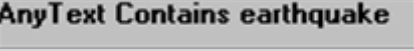

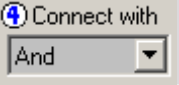



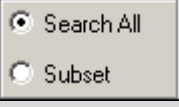
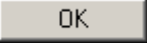
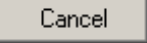
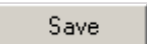

- Search Fields:** A section titled 'Search one of these Fields' with four icons representing different search criteria. Below this is a 'More Field Choices...' button.
- Search Scope:** Radio buttons for 'Search All' (selected) and 'Subset'.
- Search Logic:** A section with two dropdown menus: 'In this manner' and 'For this Value', with a connector icon between them.
- Connector:** A section with a 'Connector' label, a dropdown menu showing 'AND', 'OR', and 'NOT', and a 'Delete' button.
- Buttons:** 'Display Results', 'OK', 'Cancel', 'Save', and 'Retrieve' buttons.

Notice that the tab contains numbered "steps" to help guide you through the process and logic of creating a **Full Boolean** search. When you click **Connector**, a fourth step is added, providing a drop-down list of options such as **AND**, **OR**, **AND NOT**, and **OR NOT**. These are items that you can select to specify the

relationship between your search phrases.

Using the Full Boolean Tab

Figure	Item	Description
	Anytext	Click the Anytext button if you want to search for a term or phrase in any database field.
	Author	Click the Author button to search for a name in the Author field.
	Issues	Click the Issues button to search for issues in the Issues field.
	Docdate	Click the Docdate button to search for dates in the Docdate field.
	More Field Choices	Click More Field Choices to select another field to search.
	In this manner drop-down list	Select an item in the In this manner list to specify how you want CT Summation iBlaze to search for your search item. The items in the list change depending on the field you want to search.
	Lookup table	Click the button between the In this manner and the For this Value boxes to display the lookup table associated with the field in which you are searching. The appearance of the button differs depending upon the field you are searching. If you are searching Anytext , the Database Vocabulary is displayed when you click this button. If you are searching Author , the Author lookup table is displayed. If you are searching Issues , the Issues lookup table is displayed. Finally, if you are searching Docdate , the Document Date calendar is displayed.
	For this Value drop-down list	The For this Value drop-down list contains the last few values that you searched for. You can use this list to select a recent option. In addition, the For this Value box displays the item that you select from a lookup table.

	Staging box	The staging box shows each of your search clauses as they are built.
	Connector	Click the Connector after you create your search clause to display the Connect with drop-down list.
	Connect with drop-down list	Select AND, OR, AND NOT, or OR NOT to specify how you want CT Summation iBlaze to search for your next search phrase in relation to the one that precedes it.
	Parentheses	Select a clause and click the Parentheses to denote precedence of that clause, so that it is evaluated first. Parentheses also help to group elements of your query together.
	Delete	If you need to delete a clause, select the clause and click Delete .
	Display Results	When you are finished building your search, click Display Results . The Core Database Query box closes and your search results are displayed.
	Type of search	Click Search All to search the entire Core Database , or click Subset to perform a secondary search on an existing set of records.
	OK	Click OK when you are finished using the Core Database Query dialog box. If you do not want to save your search, you can also click OK to begin your search.
	Cancel	Click Cancel to exit the Core Database Query dialog box without running, saving, or retrieving a search.
	Save	Click Save to save a search that you built for easy recall later. <div style="border: 1px solid black; padding: 5px;">Note: If you want to save a search, make sure to click Save before you click Display Results.</div>
	Retrieve	Click Retrieve to recall a saved search.

Search Connectors

A search connector is used between two search terms or phrases that defines the way CT Summation iBlaze will search for the different items. The following table outlines the different connectors, their syntax, and results of a sample search.

Search Connectors

Operator	Syntax	Example	Results
AND	AND &	flood AND damage flood & damage	Results containing both the words flood and damage .
OR	OR \	flood OR damage flood \ damage	Results containing the word flood or the word damage .

You can use parentheses in your search to group clauses together, similar to a mathematical equation. For example, if you want to locate records containing the word **Moss** and the key words **flood**, **damage**, or **yard**, you could use either of the following search phrases:

Franc & (flood \ damage \ yard)

Franc AND (flood OR damage OR yard)

Note: *The spelling of a search connector IS case sensitive. In other words, you must type **AND** and **OR**, rather than **and** and **or** in the **Search** box.*