

Using Prompt Queries

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This article applies to the following:

Product Version: IssueNet 4.6 and later

Component(s): Administrator, Manager, Workspace

Solutions(s):

All

By satisfying the need for personal, highly customized queries and quick pre-defined searches, the Query Builder and search tools provide all of the capabilities the typical user needs. However, there are instances where you need to combine the advantages of a saved query with the flexibility of an ad hoc search.

To answer this need the IssueNet Manager and Workspace support “prompt queries.” Prompt queries allow you to have saved queries of any complexity which will prompt you for search values each time the query is executed.

Prompt queries are particularly useful when:

- **You need to run searches for property values, or combinations of values, which are not included on your search forms.** Suppose you need to run searches for tasks based on different values for the current workflow state as well as the last workflow transition. If you do not have both of these fields on any of your task search forms, you will need to build a query. A prompt query allows you to run this query with different search values without having to edit it each time.
- **You need to run searches for different values when the search tool is unavailable.** For example, when linking issues together the list of issues to select can be filtered by a query. If you want to pick out the issue you wish to attach by ID or keyword, you need to be able to enter a new search value each time the query is run. Prompt queries provide the flexibility of a search tool whenever you need to use a query to find an item.

Prompt queries are simple to build. To create a prompt query:

1. In the IssueNet Manager or Administrator click on the New Query button on the queries panel and add statement types to define your query as you would normally.

- When you specify a value for each statement you have added to the query, select *variable* as the type of value you wish to enter and enter “Prompt” as the variable value.

Once you have completed your query it will look like the following:

The screenshot shows a 'Query' dialog box with the following fields and controls:

- Name: Issues by ID
- Category: General
- Description: Finds issues by prompting for an ID value.
- Search for: Issue
- Buttons: Save, Save & Execute, Execute, Close
- Select a type of statement to add to the search: (List of statements including 'a field evaluates to a value', 'a field contains one of these values', etc.)
- Buttons: Add, Remove
- Click on underlined text to specify values: (Text area containing 'Query for Issue objects where Issue ID is equal to \${Prompt}')
- Buttons: View XML, View SQL, Sort...

Once you have built and saved the query it will prompt you to enter a search value each time it is run. For queries where you are searching for multiple property values, you can specify as many prompt values as you like.