

Evaluate calculation

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i This tool is currently in Alpha and has been released for early access and feedback

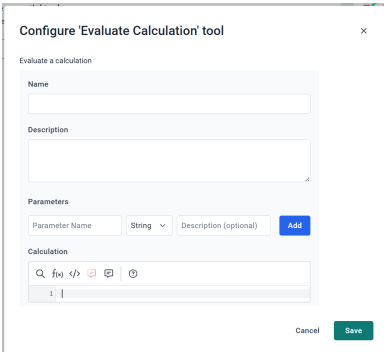
It may include incomplete features, limited functionality, or be subject to change. Alpha tools are intended for evaluation and validation purposes only and should **not** be used in production environments.

The **Evaluate calculation** tool allows a ReadAI Agent to run a custom calculation using the ReadNow Calculation Language. This tool is useful for performing dynamic logic, querying small sets of records, or generating computed results during a conversation. Parameters can be added to make the calculation flexible based on user input or context.

Adding the tool to an Agent

To add the **Evaluate calculation** tool to a ReadAI Agent:

1. Open the **Agent Builder**.
2. From the left-hand menu, go to the **Tools** section.
3. Click **Add Tool**.
4. Select and click **Evaluate Calculation** from the list of available tool types. The **Configure 'Evaluate Calculation'** Tool dialog will appear.

The screenshot shows a dialog box titled "Configure 'Evaluate Calculation' tool". Inside, there are fields for "Name" and "Description". Below these is a "Parameters" section with a table that has columns for "Parameter Name", "String" (a dropdown menu), and "Description (optional)". An "Add" button is next to the table. At the bottom is a "Calculation" field with a search icon, a code editor icon, and a save icon. There are "Cancel" and "Save" buttons at the bottom right.

Configuring the tool

Follow these steps to complete the configuration:>

1. **Enter a Name**
 - Provide a meaningful name for the calculation. This should clearly describe what the calculation does.
 - **Example:** *Get all Projects for a given Department*
2. **Enter a Description**
 - Optionally describe the purpose or logic of the calculation. This can help others understand its intent and usage.
3. **Add Parameters (Optional)**
 - Parameters allow you to make the calculation dynamic based on inputs provided by the agent.
 - For each parameter:
 - Enter a **Parameter Name**.
 - Choose a **Data Type** (e.g. String, Number, Boolean, etc.)
 - Optionally provide a description to explain how the parameter will be used.
 - **Click Add** to include the parameter.

- **Example:**
 - Parameter Name: Department
 - Type: Record
 - Description: The department for which projects are assigned to
 - The agent will automatically detect and pre-populate parameters when running the tool.

4. Enter the Calculation

- Use the **Calculation** input area to write your expression using ReadiNow's **Calculation Language**.
- You can reference parameters you've defined by name within the formula.
- **Example:** `all([Project]) where department = {Department}`

5. Specify Returned Fields (Optional)

- If your calculation returns a list of records, you can specify which fields to return.
- Enter the **Field Name** and **click Add** for each field the agent should receive.

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7. Click **Save to complete the configuration**

- This helps the agent understand what data to include in its response.
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