Calculator Plugin

The Calculator plugin as the name suggests is used to perform calculations on the user entered query.

Image of Calculator plugin

CalculateHelper

- The `CalculateHelper.cs` class checks to see if the user entered query is a valid input to the calculator and only if the input is valid does it perform the operation.
- It does so by matching the user query to a valid regex.

CalculateEngine

- The main computation is done in the `CalculateEngine.cs` file using the `Mages` library.

```
var result = CalculateEngine.Interpret(query.Search, CultureInfo.CurrentUICulture);
```

CalculateResult

- The class which encapsulates the result of the computation.
- It comprises of the `Result` and `RoundedResult` properties.

Score

The score of each result from the calculator plugin is `300`.