Amplify Reporting Tool

Last updated by | Caleb Valerian | Aug 5, 2021 at 11:36 AM PDT
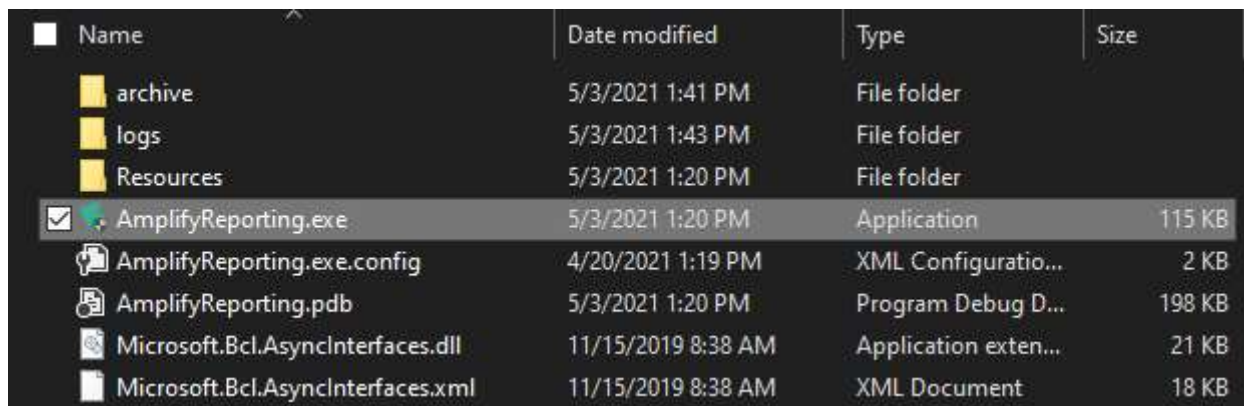

Contents

The Amplify Reporting Tool is designed to make it easier to retrieve data on the ModernStack wiki. It also archives the data every time it is run to build a library of previous data sets for comparison.
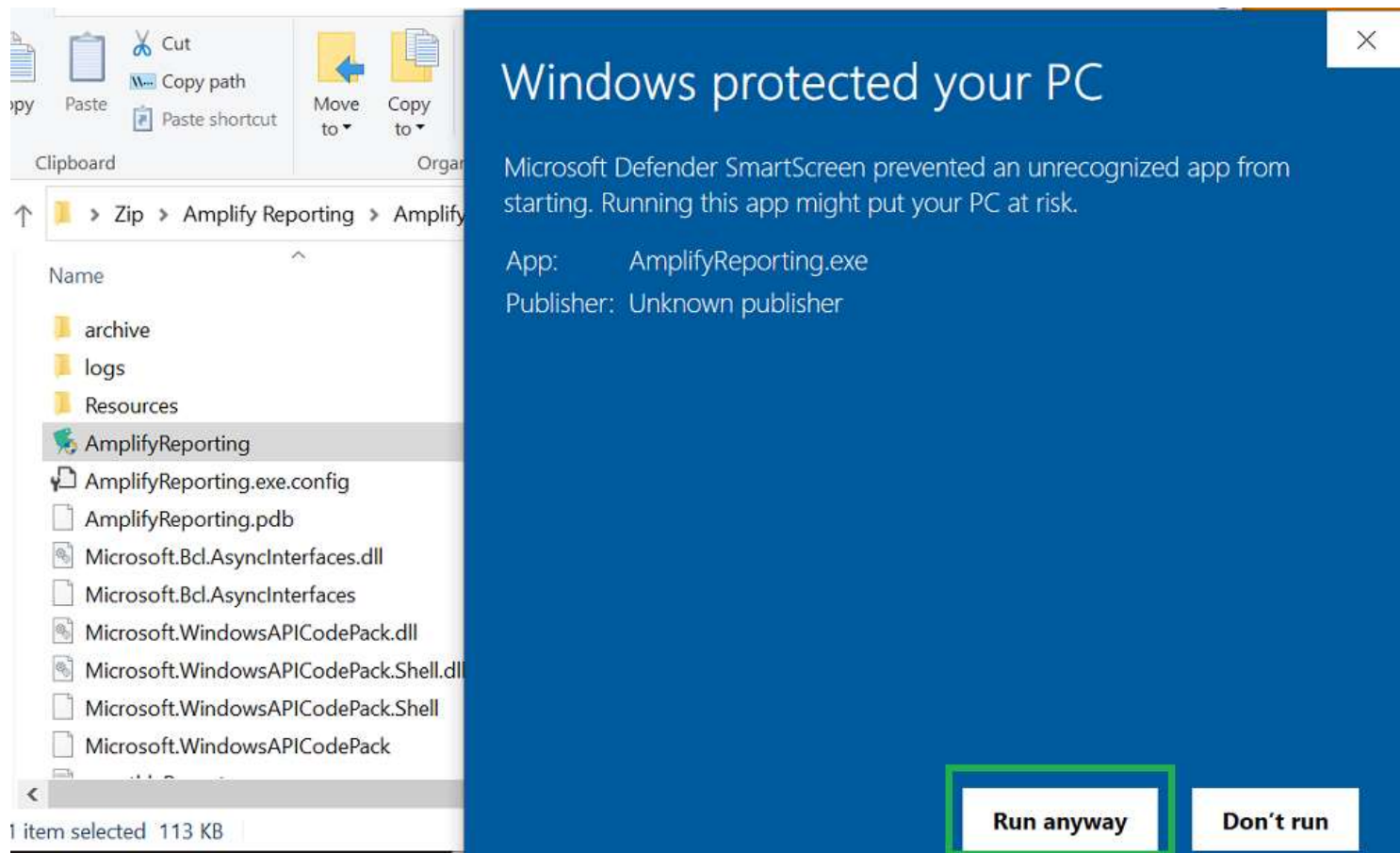
Installation instructions

1. Download the .zip file from the Amplify Documentation Team ⬏.
2. Extract its contents to your Documents folder.
3. Open the new folder and select the DJ RAVE icon to launch the application.

Amplify Reporting tool executable.

1. Windows Defender will throw up a protective dialog box because the application is an Unknown publisher. Select the More info link, and then select Run anyway.

Windows Defender SmartScreen prompt.

Using the Amplify Reporting tool

Once the application is launched, you should see a similar interface to the one in the following picture:
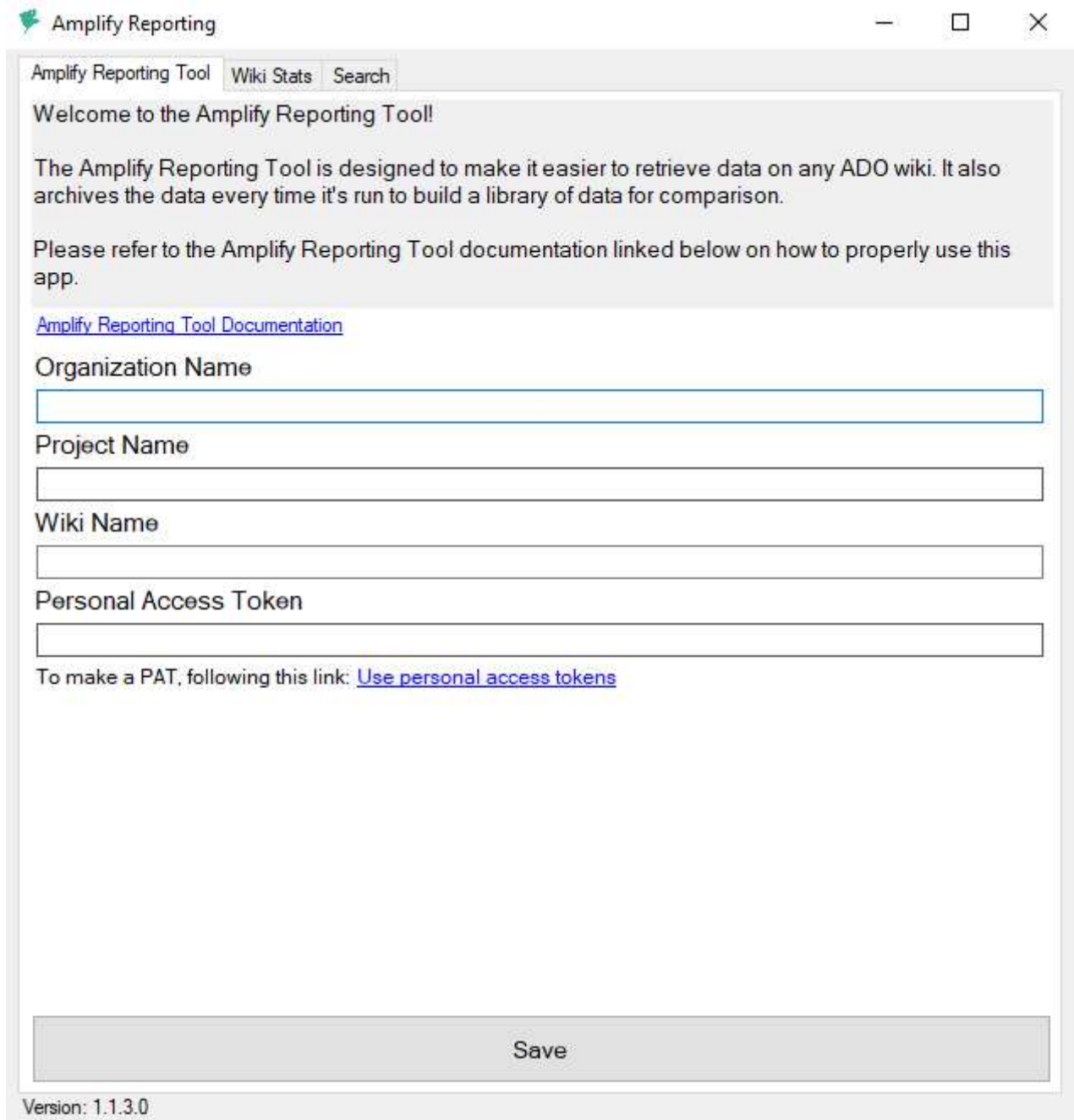
Amplify Reporting tool interface.

Configuring the app

Opening the Amplify Reporting Tool takes you to the welcome page that contains fields that will need to be filled. The following information you need is:

- Organization name
- Project name
- Wiki name
- Personal Access Token [↗]

Amplify Reporting tool options.

To properly get the information you need, open a new tab in your web browser and navigate to the wiki you wish to report on. Look at the URL of the wiki page. In the URL, you'll be able to retrieve the proper organization, project, and wiki name in that order. The following image illustrates this by providing the organization (supportability), project (ModernStack), and wiki (ModernStack) in that order. It's important to note that the project and wiki can have the same names.
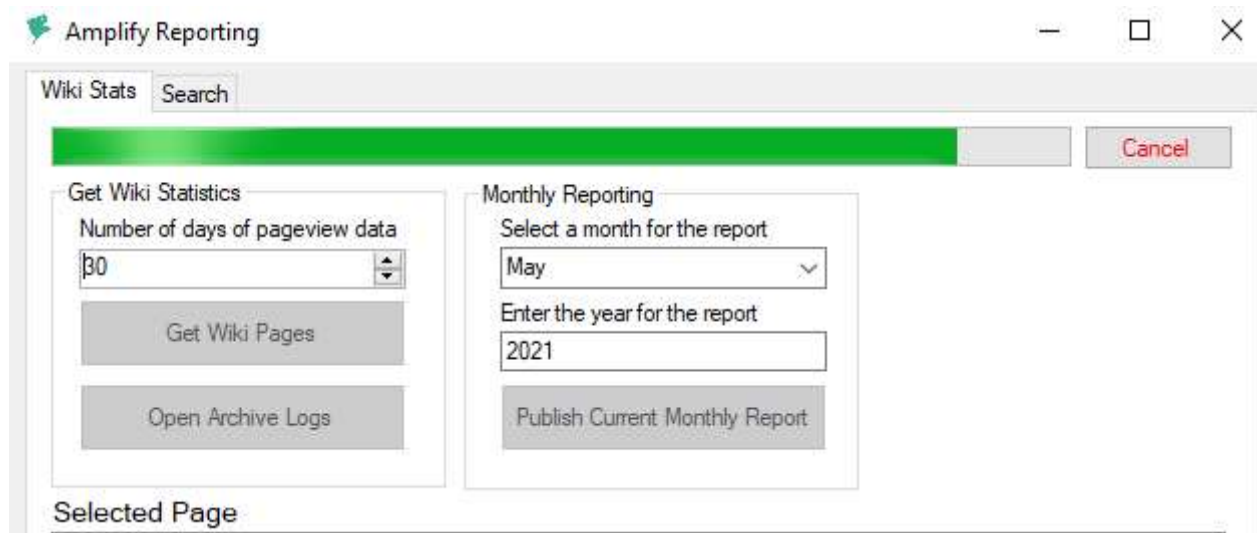

Wiki URL example

For the final piece of information to properly use this tool, you'll need to create a Personal Access Token ⤢. This token is unique to you and should not be shared with anyone else.

Getting the wiki statistics

1. Under the **Get Wiki Statistics** group, set the **Number of days of pageview data** to any number between 1 and 30. Due to the Azure DevOps REST API limitations, we can only retrieve up to 30 days of pageview data.

2. Click the **Get Wiki Pages** button. This will cause most fields in the app to grey out while the progress bar fills slowly.
   Note: This process can take a couple of minutes to complete. You may cancel the process at any time using the red **Cancel** button to the right of the progress bar.

Amplify Reporting tool interface.

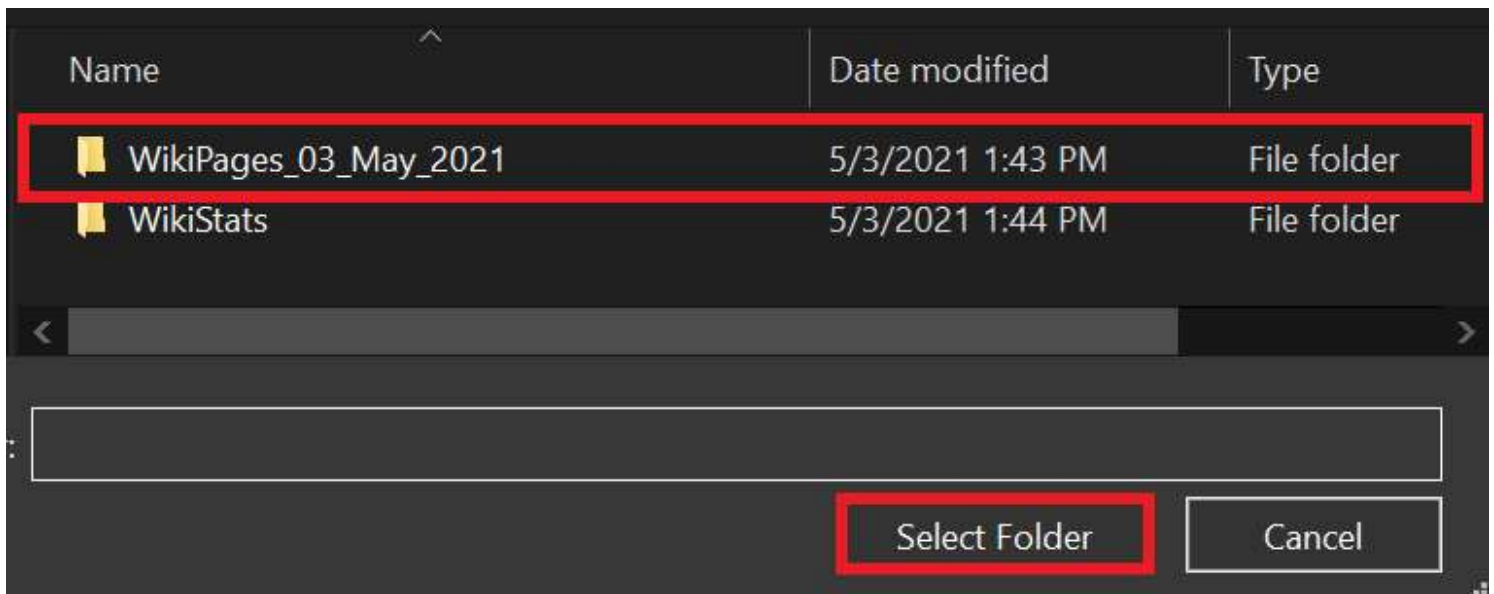3. In the left-hand Wiki pages column, select any wiki page to show its associated statistics. For example, Welcome to the Modern Stack Wiki.

Amplify Reporting tool interface.

Open wiki statistics archive

To open previously archived wiki statistics:

1. Click **Open Archive Logs**. An open folder dialog opens.
2. Select the archival folder you want to load.

Opening an archived set of wiki statistics.

3. Click **Select Folder**

The Amplify Reporting Tool will now populate the tool with all the statistics that of that specific archive.

Publishing the monthly report

Important: Due to the limitations of the ADO REST API, the tool can only pull data from the previous 30 days. Be sure to run this the day **after** the last day of the month.

To publish the monthly report:

1. Click **Get Wiki Pages** or open an archived version.
2. Select the month and year that you want to run the report on in the **Monthly Reporting** section.
3. Click **Publish Current Monthly Report**.

This will automatically overwrite the sandbox Monthly Report Automation wiki page.

Exporting the statistics for Power BI reporting.

To export the information for use in Power BI reporting:

1. Click **Export Wiki Stats**. This saves out a JSON file in the applications archive directory (archive\WikiStats).
2. Open Power BI and choose JSON exported from the previous step as the dataset.