

Creating Manifest Files

You can create a valid manifest file in the following ways:

- [Creating a Manifest File Using TCIA](#)
- [Creating a Manifest File Using the Manifest Text API](#)

Creating a Manifest File Using TCIA

To use the NBIA Data Retriever, you must already have a manifest file that lists the files you want to download. You create the manifest file by searching the radiology portal of [The Cancer Imaging Archive](#). After installing the NBIA Data Retriever, double-click this manifest file to invoke the application.



Double-clicking the NBIA Data Retriever icon alone does not invoke the NBIA Data Retriever.

To create a manifest file:

1. [Search](#) for images of interest.
 2. [Add](#) those images to your cart.
 3. [Download](#) images using the NBIA Data Retriever.
- A manifest file is created and downloaded to your computer.
- If you have already installed the NBIA Data Retriever, double-click the manifest file to open it using the NBIA Data Retriever. Click **Open** when your web browser prompts you to open the file.
 - If you want to use this manifest file to download images more than once or download images you select on other machines, click **Save** at the web browser prompt. You can then double-click the saved manifest file in Windows Explorer on Windows, Finder on Mac, or File Manager on Linux to invoke the NBIA Data Retriever.

Creating a Manifest File Using the Manifest Text API

Refer to the [Manifest Text API](#) documentation for instructions on how to use the API. The outcome of the REST API call must be saved as a text file with the extension .tcia.

Example Manifest Text Query

```
curl -H "Authorization:Bearer d98c390f-b53d-4456-beb3-110e63663762" -k "https://services.cancerimagingarchive.net/nbia-api/services/getManifestTextV2" -d "list=1.3.6.1.4.1.9328.50.3.336&includeAnnotation=false"
```

The API returns text that can be used as a manifest file for the NBIA Data Retriever.

```
downloadServerUrl=https://services.cancerimagingarchive.net/nbia-download/servlet/DownloadServlet
includeAnnotation=false
noOfRetry=4
databasketId=manifest-1523866570303.tcia
manifestVersion=3.0
ListOfSeriesToDownload=
1.3.6.1.4.1.9328.50.3.336
```