**Question:** How can I display a 2D wave?

**Answer:** You can display a 2D wave as a 3D graphic in Surface Plots and 3D Bar Plots. You can also display a 2D wave as a 2D graphic in Image Plots, Contour Plots, and Waterfall Plots.

**Question:** What are the commands to display a 2D wave in an Image plot?

**Answer:** The commands to display a 2D wave in an Image Plot are the Display command to make a blank graph window, and an AppendImage command to append a image plot to that graph window. Alternatively, you can use the NewImage operation.

**Question:** Can you give me an example?

**Answer:** Make/O small={{0,1},{2,3}} SetScale/P x 0.1,0.02,"", small // Set X dimension scaling SetScale/P y 0.0,1.0,"", small // Set Y dimension scaling Display;AppendImage small ModifyImage small ctab= {-0.5,3.5,Grays}

Latest Answer:

String headers; headers = "Content-Type: application/json" URLRequest/DSTR=postData method=post, url=theURL, headers=headers

History:

**Question:** Can you give me a code example of that?

**Answer:** String headers; headers = "Content-Type: application/json" URLRequest/DSTR=postData method=post, url=theURL, headers=headers

**Question:** What header should be set for json content?

**Answer:** Content-Type: application/json

**Question:** What headers need to be included when making a POST request? (continue to format answers with Markdown)

**Answer:** When making a POST request, the client must set the Content-Type header that is part of the request. The most commonly used content type is "application/x-www-form-urlencoded". Unless you provide your own Content-Type header using the optional headers parameter, URLRequest will set this header for you.

**Question:** What does URLEncode do?

**Answer:** URLEncode is a function used to percent-encode reserved characters in a URL string so that the URL can be understood by a server.

**Question:** How should a POST request be made? Give me a code example and format the answer in Markdown

**Answer:** You can make a POST request with a code example, formatted in Markdown, using the following example:

String theURL = "http://www.example.com/process.php"

String nameData = URLEncode("name") + "=" + URLEncode("Dan P. Ikes, Jr.")

String address = "650 E. Chicago Ave."

String addressData = URLEncode("address") + "=" + URLEncode(address)

" + addressData

URLRequest/DSTR=postData method=post, url=theURL

Note that both the key name and value string are passed through URLEncode so that any special characters can be percent-encoded. For more information on using the application/x-www-form-urlencoded content type, see <http://www.w3.org/TR/html401/interact/forms.html#h-17.13.4.1>.

**Question:** How should a POST request be made? Give me a code example

**Answer:** String theURL = "<http://www.example.com/process.php>" String nameData = URLEncode("name") + "=" + URLEncode("Dan P. Ikes, Jr.") String address = "650 E. Chicago Ave." String addressData = URLEncode("address") + "=" + URLEncode(address) " + addressData URLRequest/DSTR=postData method=post, url=theURL

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A screenshot of a computer

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