


# Mathematica Help

<https://reference.wolfram.com/language/tutorial/GettingInformationAboutWolframLanguageObjects.html>

`In[ ]:= ? FourierTransform`

`Out[ ]:=`


Symbol 

FourierTransform[*expr*, *t*,  $\omega$ ] gives the symbolic Fourier transform of *expr*.  
FourierTransform[*expr*, {*t*<sub>1</sub>, *t*<sub>2</sub>, ...}, { $\omega$ <sub>1</sub>,  $\omega$ <sub>2</sub>, ...}] gives the multidimensional Fourier transform of *expr*.

▼

`In[ ]:= ?? FourierTransform`

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Documentation [Local »](#) | [Web »](#)  
Attributes {Protected, ReadProtected}  
Full Name System`FourierTransform

^

In[\*]:= ? Fo\*  
Out[\*]=

▼ System`

Fold	ForAllType	ForwardBackward
FoldList	ForceVersionInstall	ForwardCloudCredentials
FoldPair	ForeignCallback	Fourier
FoldPairList	ForeignFunction	FourierCoefficient
FoldWhile	ForeignFunctionLoad	FourierCosCoefficient
FoldWhileList	ForeignPointerLookup	FourierCosSeries
FollowRedirects	Format	FourierCosTransform
Font	FormatRules	FourierDCT
FontColor	FormatType	FourierDCTFilter
FontFamily	FormatTypeAutoConvert	FourierDCTMatrix
FontForm	FormatValues	FourierDST
FontName	FormBox	FourierDSTMatrix
FontOpacity	FormBoxOptions	FourierMatrix
FontPostScriptName	FormControl	FourierParameters
FontProperties	FormFunction	FourierSequenceTransform
FontReencoding	FormLayoutFunction	FourierSeries
FontSize	FormObject	FourierSinCoefficient
FontSlant	FormPage	FourierSinSeries
FontSubstitutions	FormProtectionMethod	FourierSinTransform
FontTracking	FormTheme	FourierTransform
FontVariations	FormulaData	FourierTrigSeries
FontWeight	FormulaLookup	FoxH
For	FortranForm	FoxHReduce
ForAll	Forward	

▼ Wolfram`Chatbook`

FormatToolResponse

In[ ]:= ? ExampleData

Out[ ]:=

Symbol i

ExampleData["type"] gives a list of names of examples of the specified type.

ExampleData[{"type", "name"}] gives the default form of the named example of the specified type.

ExampleData[{"type", "name"}, "elem"] gives the specified element or property of an example.

▼

In[ ]:= ? Func\*

Out[ ]:=

▼ System`

<a href="#">Function</a>	<a href="#">FunctionConvexity</a>	<a href="#">FunctionMonotonicity</a>
<a href="#">FunctionAnalytic</a>	<a href="#">FunctionDeclaration</a>	<a href="#">FunctionPeriod</a>
<a href="#">FunctionBijjective</a>	<a href="#">FunctionDiscontinuities</a>	<a href="#">FunctionPoles</a>
<a href="#">FunctionCompile</a>	<a href="#">FunctionDomain</a>	<a href="#">FunctionRange</a>
<a href="#">FunctionCompileExport</a>	<a href="#">FunctionExpand</a>	<a href="#">FunctionSign</a>
<a href="#">FunctionCompileExportByteArray</a>	<a href="#">FunctionInjective</a>	<a href="#">FunctionSingularities</a>
<a href="#">FunctionCompileExportLibrary</a>	<a href="#">FunctionInterpolation</a>	<a href="#">FunctionSpace</a>
<a href="#">FunctionCompileExportString</a>	<a href="#">FunctionLayer</a>	<a href="#">FunctionSurjective</a>
<a href="#">FunctionContinuous</a>	<a href="#">FunctionMeromorphic</a>	

In[ ]:= ?

In[ ]:= ? Help\*

Out[ ]:=

▼ System`

[HelpBrowserLookup](#)
[HelpBrowserNotebook](#)
[HelpBrowserSettings](#)
[HelpViewerSettings](#)

In[ ]:= ? HelpBrowserLookup

Out[ ]:=

Symbol i

System`HelpBrowserLookup

Documentation [Web »](#)

Attributes {Protected, ReadProtected}

Full Name System`HelpBrowserLookup

▲

`In[ ]:= ? Information`

`Out[ ]:=`

Symbol i

Information[*expr*] gives information about the expression *expr*.

Information[*expr*, *prop*] gives the value of the property *prop* for *expr*.

Information[{*expr*<sub>1</sub>, *expr*<sub>2</sub>, ...}, ...] gives information about all of the *expr*<sub>*i*</sub>.

▼

`In[ ]:= Information[Total[{1, 2}]]`

`Out[ ]:=`

Information[3]

`In[ ]:=  $\alpha$  := Sin[2]`

`In[ ]:= Definition[ $\alpha$ ]`

`Out[ ]:=`

$\alpha$  := Sin[2]

`In[ ]:= Information[Sin, "Usage"]`

`Out[ ]:=`

Sin[*z*] gives the sine of *z*.

`In[ ]:= Information[FourierTransform, "Documentation"]`

`Out[ ]:=`

<| Local → `paclet:ref/FourierTransform`,  
 Web → `http://reference.wolfram.com/language/ref/FourierTransform.html` |>