## torch.fft

Discrete Fourier transforms and related functions.

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\[pytorch-master] [docs] [source] fft.rst, line 9)

Unknown directive type "automodule".

.. automodule:: torch.fft
```

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\[pytorch-master][docs][source]fft.rst, line 10)

Unknown directive type "currentmodule".

.. currentmodule:: torch.fft
```

## **Fast Fourier Transforms**

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-
master\docs\source\[pytorch-master][docs][source]fft.rst, line 15)
Unknown directive type "autosummary".
   .. autosummary::
       :toctree: generated
       :nosignatures:
       fft
       ifft
       fft2
       ifft2
       fftn
       ifftn
       rfft
       irfft
       rfft2
       irfft2
       rfftn
       irfftn
       hfft
       ihfft
       hfft2
       ihfft2
       hfft.n
       ihfftn
```

## **Helper Functions**

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\[pytorch-master][docs][source]fft.rst, line 41)

Unknown directive type "autosummary".

.. autosummary::
    :toctree: generated
    :nosignatures:

fftfreq
    rfftfreq
    fftshift
    ifftshift
```