Sample Code

Supporting real-time ML inference on the CPU

Add real-time digital signal processing to apps like Logic Pro X and GarageBand with the BNNS Graph API.

Download

macOS 26.0+ | Xcode 26.0+

Overview

Note

This sample code project is associated with WWDC25 session 276: What's new in BNNSGraph.

See Also

Building graphs in Swift

```
static func makeContext(options: BNNSGraph.CompileOptions, (inout BNNSGraph.Builder) -> [any BNNSGraph.TensorDescriptor]) throws -> BNNSGraph.Context
```

Returns a new context that wraps a graph object that the given closure defines.

```
struct Builder
```

A structure thats provides a closure you can use to define the arguments and operations of a BNNS Graph.

`struct Tensor`

A structure that represents an abstract handle to a tensor that you use within a `BNNSGraph.makeContext` closure.