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Contents

**WiST – What, Why, How
Accelerate Framework**

<http://bit.ly/stochastik>

WiST by KORG Inc

Wireless Sync

Lots of Apps

Easy to Implement

WiST Implementation

<http://bit.ly/wistblog>

Batteries Included

Sync Like Spies

GameCenter Wrapper

#include

<Accelerate/Accelerate.h>

<http://bit.ly/xk7ZU1>

-framework Accelerate

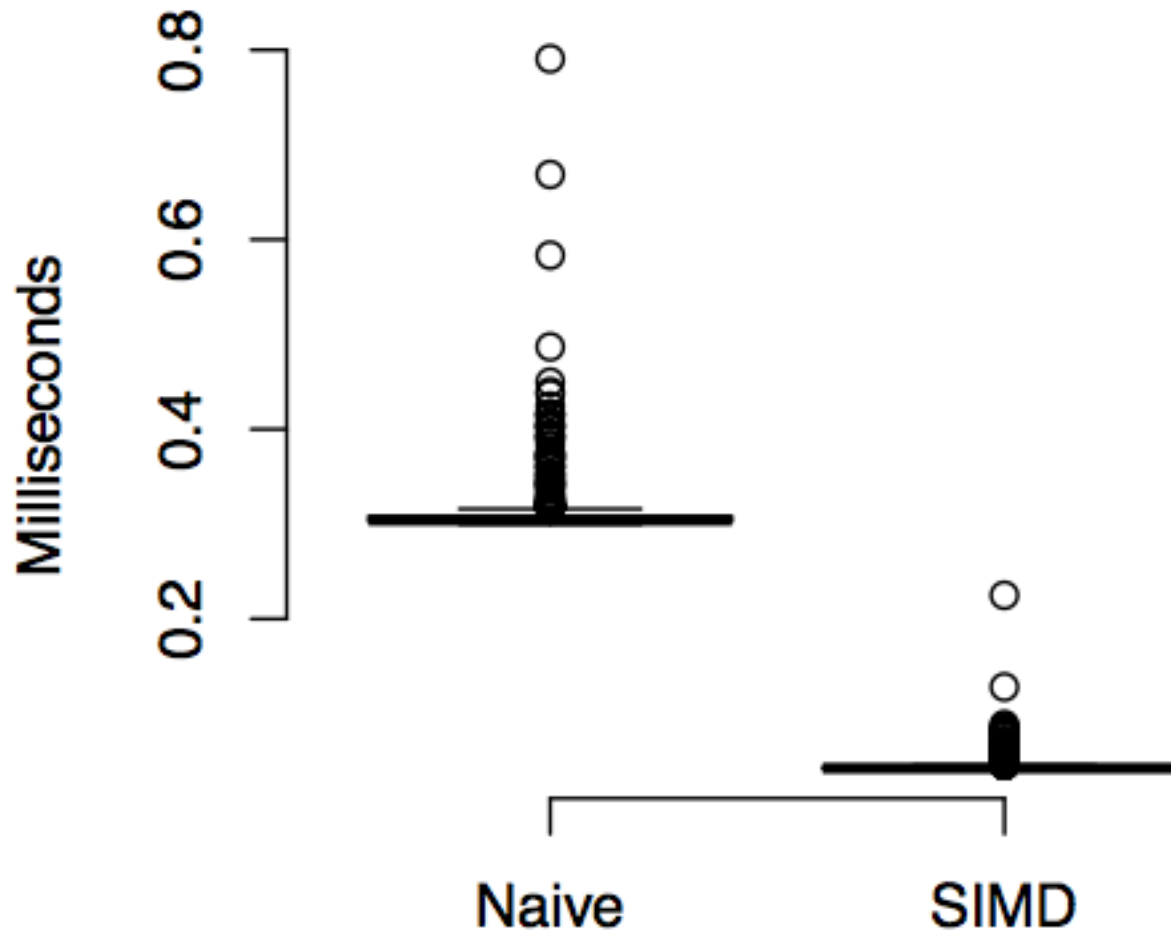
SIMD in Hardware

Float32[] or Float64[]

Test Application!

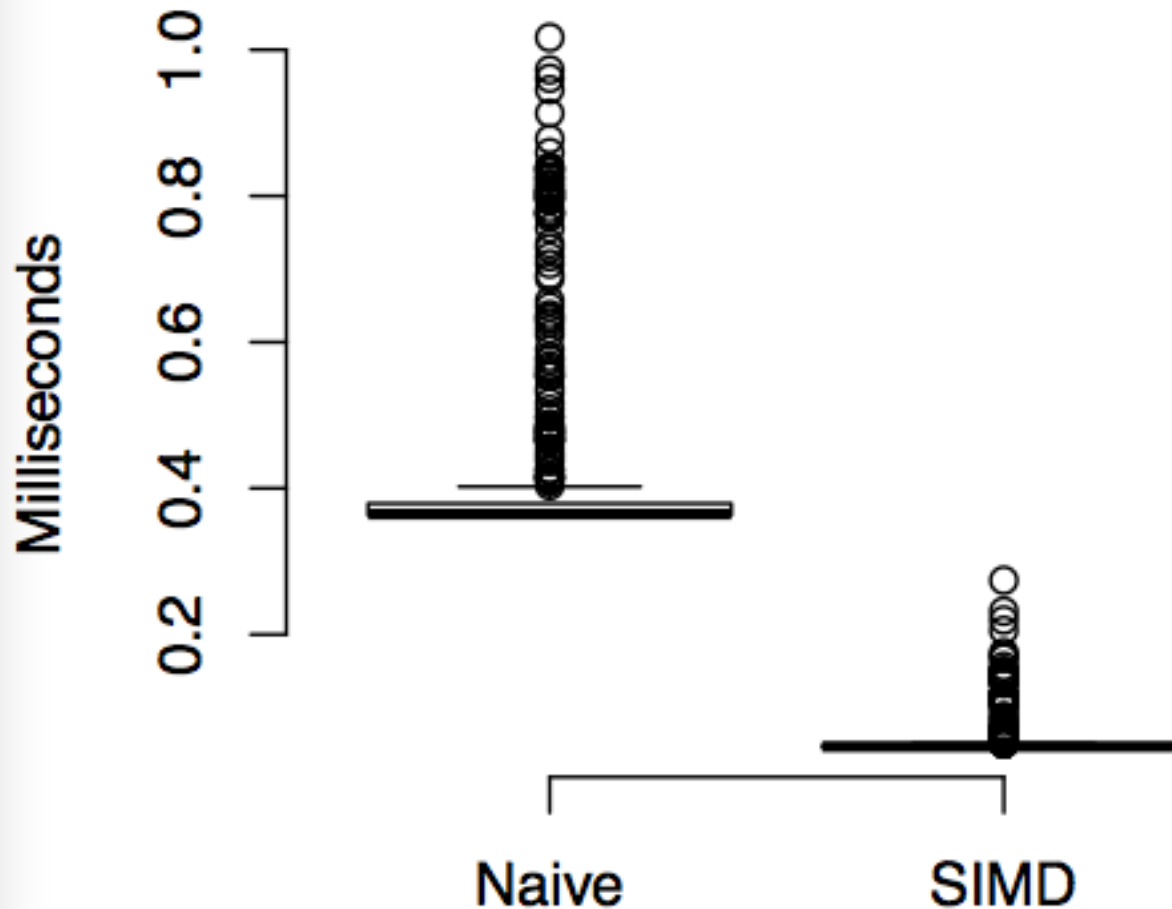
- Volume vDSP_vsmul**
- Combine vDSP_vadd**
- Clip vDSP_vclip**
- about 2 seconds 44.1**
- 1000 runs, output csv**

SUPER FAST LIKE WOAH!



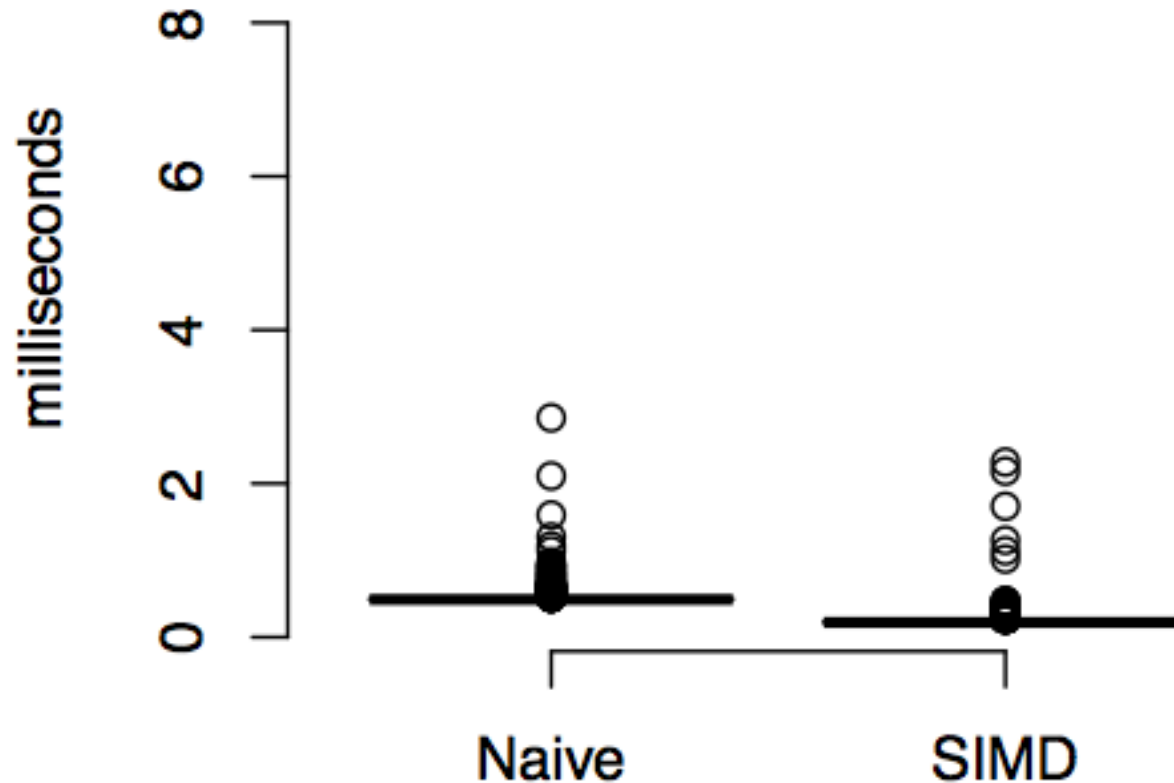
iPad naïve vs vDSP 7x!

SUPER FAST LIKE WOAH!



iPhone naïve vs vDSP !

SIMULATOR =(



Simulator naïve vs vDSP

Run your own tests!

<http://bit.ly/benchmark-app>

X-Code project / example

Universal (ipad/iphone)

MIT-Licensed

NOW ABOUT MY APP!!

Drum Machine

In Review :(

Probabilistic Sequencing

DEMO

crash-kick

Demo the sample

snare-1

Swap sample or
set gain & pan

rim-long

kick-1

snare-2

Sample Bank

A

B

C

Play / Stop

Pattern: kick-bail

Song:

Swap Pattern

Swap song or change
volume, pain & swing

Each column represents 1/4 of a beat

The height of each bar is the chance
that the note will sound that step.

Black bars are off, green always sound.

You can slide the probability bar up and
down.



WiST



Export



Files



Help

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