## MLDeviceType

github.com/webmachinelearning/webnn/issues/749

## Issues with MLDeviceType

- Fragmentation
  - website/app may work on some devices, fail on others
- Privacy
  - website can send progressively more complex programs to the ANE, GPU, etc, fingerprint the user
- Not implementable on Apple's platforms
  - We don't allow you to require the ANE

## Proposal

- Remove MLDeviceType
- Allow browser implementations to make the best decision based on current workloads
  - Website/app has little insight into the rest of system workload
  - E.g., if rendering performance degrades, that is an implementor's potential issue to fix, not the website / web app
- Keep MLPowerPreference to prioritize power consumption over execution speed

## Questions?