Codec Development Status
Introduction

- Main focus on SILK and CELT individual components
- Overall quality improvements
- Getting closer to freezing the bit-stream
SILK Update

- Footprint reduction
- Complexity reduction
- Quality tuning
- Improved Opus integration
- Bug fixes
SILK TODO List

- Shrinking more tables
- CBR-like mode
- In-band FEC work
CELT Update

- Transient handling implements/simplifications
- Bit allocation tuning
- Dynamic bit allocation
- Implementation of Raymond Chen's post-filter
- PLC improvements
- Bug fixes
CELT TODO List

- Coarse energy quantization improvements
- Bit allocation tuning
- Post-filter tuning
Roadmap and Outstanding Issues

- Code sharing between SILK and CELT
- Decisions on
  - 10 ms hybrid mode
  - Stereo SILK
  - Hybrid cutoff frequency
  - Stereo-mono switching
- Make sure fixed-point works
- Target for code completion: end 2010
  - Frozen bit-stream for next meeting (unfreeze if needed)