The time estimate at the start of each chunk is often 50% less than the amount of time it acutlaly takes to process the transcript for the chunk. Can you update your algorithm for how you calculate how long it is going to take?

Created 16 chunks for processing

📝 Progress saved to: transcripts/095fc94c\_progress.txt

🎯 Step 3: Transcribing 16 chunk(s)...

🎯 Transcribing chunk 1/16: chunk\_001.wav

Python(59738) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(59739) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 1/16 - Progress: 30.3% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 1/16 - Progress: 60.4% (Elapsed: 30s, Est. remaining: 20s)

✅ Chunk 1 complete: 40.2s actual (RTF: 0.067x, chars: 10362)

💾 Chunk 1 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 2/16: chunk\_002.wav

Python(59760) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(59761) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 2/16 - Progress: 30.1% (Elapsed: 15s, Est. remaining: 35s)

✅ Chunk 2 complete: 30.1s actual (RTF: 0.050x, chars: 9947)

💾 Chunk 2 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 3/16: chunk\_003.wav

Python(59780) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(59781) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 3/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 3/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 3/16 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 3/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 3/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 3/16 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

🔄 Chunk 3/16 - Progress: 99.0% (Elapsed: 105s, Est. remaining: 0s)

✅ Chunk 3 complete: 115.3s actual (RTF: 0.192x, chars: 9983)

💾 Chunk 3 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 4/16: chunk\_004.wav

Python(59911) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 30s

🚀 Starting Parakeet MLX transcription...

Python(59912) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 4/16 - Progress: 50.1% (Elapsed: 15s, Est. remaining: 15s)

🔄 Chunk 4/16 - Progress: 99.0% (Elapsed: 30s, Est. remaining: 0s)

🔄 Chunk 4/16 - Progress: 99.0% (Elapsed: 45s, Est. remaining: 0s)

✅ Chunk 4 complete: 60.1s actual (RTF: 0.100x, chars: 9931)

💾 Chunk 4 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 5/16: chunk\_005.wav

Python(59942) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(59943) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 5/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 5/16 - Progress: 60.2% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 5/16 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 5/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 5/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 5/16 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

🔄 Chunk 5/16 - Progress: 99.0% (Elapsed: 105s, Est. remaining: 0s)

🔄 Chunk 5/16 - Progress: 99.0% (Elapsed: 120s, Est. remaining: 0s)

✅ Chunk 5 complete: 135.3s actual (RTF: 0.226x, chars: 10256)

💾 Chunk 5 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 6/16: chunk\_006.wav

Python(60085) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60087) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 6/16 - Progress: 30.1% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 6/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 6/16 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 105s, Est. remaining: 0s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 120s, Est. remaining: 0s)

🔄 Chunk 6/16 - Progress: 99.0% (Elapsed: 135s, Est. remaining: 0s)

✅ Chunk 6 complete: 145.7s actual (RTF: 0.243x, chars: 10769)

💾 Chunk 6 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 7/16: chunk\_007.wav

Python(60240) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60241) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 7/16 - Progress: 30.1% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 7/16 - Progress: 60.2% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 7/16 - Progress: 90.3% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 7/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 7/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 7/16 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

✅ Chunk 7 complete: 105.2s actual (RTF: 0.175x, chars: 10731)

💾 Chunk 7 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 8/16: chunk\_008.wav

Python(60389) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 30s

🚀 Starting Parakeet MLX transcription...

Python(60390) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 8/16 - Progress: 50.2% (Elapsed: 15s, Est. remaining: 15s)

✅ Chunk 8 complete: 30.1s actual (RTF: 0.050x, chars: 10259)

💾 Chunk 8 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 9/16: chunk\_009.wav

Python(60397) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60399) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 9/16 - Progress: 30.6% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 9/16 - Progress: 60.6% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 9/16 - Progress: 90.7% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 9/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

✅ Chunk 9 complete: 75.4s actual (RTF: 0.126x, chars: 10711)

💾 Chunk 9 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 10/16: chunk\_010.wav

Python(60431) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60432) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 10/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 10/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 10/16 - Progress: 90.4% (Elapsed: 45s, Est. remaining: 5s)

✅ Chunk 10 complete: 55.4s actual (RTF: 0.092x, chars: 10470)

💾 Chunk 10 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 11/16: chunk\_011.wav

Python(60440) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60442) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 11/16 - Progress: 30.4% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 11/16 - Progress: 60.8% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 11/16 - Progress: 90.8% (Elapsed: 45s, Est. remaining: 5s)

✅ Chunk 11 complete: 60.4s actual (RTF: 0.101x, chars: 10081)

💾 Chunk 11 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 12/16: chunk\_012.wav

Python(60473) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 30s

🚀 Starting Parakeet MLX transcription...

Python(60476) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 12/16 - Progress: 50.1% (Elapsed: 15s, Est. remaining: 15s)

🔄 Chunk 12/16 - Progress: 99.0% (Elapsed: 30s, Est. remaining: 0s)

🔄 Chunk 12/16 - Progress: 99.0% (Elapsed: 45s, Est. remaining: 0s)

🔄 Chunk 12/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 12/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 12/16 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

✅ Chunk 12 complete: 105.2s actual (RTF: 0.175x, chars: 9372)

💾 Chunk 12 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 13/16: chunk\_013.wav

Python(60589) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60591) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 13/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 13/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 13/16 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 13/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 13/16 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

✅ Chunk 13 complete: 90.2s actual (RTF: 0.150x, chars: 9629)

💾 Chunk 13 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 14/16: chunk\_014.wav

Python(60654) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60658) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 14/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 14/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 14/16 - Progress: 90.1% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 14/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

✅ Chunk 14 complete: 75.1s actual (RTF: 0.125x, chars: 9707)

💾 Chunk 14 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 15/16: chunk\_015.wav

Python(60754) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(60755) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 15/16 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 15/16 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 15/16 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 15/16 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

✅ Chunk 15 complete: 70.1s actual (RTF: 0.117x, chars: 9777)

💾 Chunk 15 appended to transcripts/095fc94c\_progress.txt

🎯 Transcribing chunk 16/16: chunk\_016.wav

Python(60845) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 6.3min, estimated processing: 19s

🚀 Starting Parakeet MLX transcription...

Python(60846) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 16/16 - Progress: 79.7% (Elapsed: 15s, Est. remaining: 4s)

🔄 Chunk 16/16 - Progress: 99.0% (Elapsed: 30s, Est. remaining: 0s)

🔄 Chunk 16/16 - Progress: 99.0% (Elapsed: 45s, Est. remaining: 0s)

✅ Chunk 16 complete: 50.1s actual (RTF: 0.133x, chars: 6440)

💾 Chunk 16 appended to transcripts/095fc94c\_progress.txt

===

Created 4 chunks for processing

📝 Progress saved to: transcripts/c6c2e5f6\_progress.txt

🎯 Step 3: Transcribing 4 chunk(s)...

🎯 Transcribing chunk 1/4: chunk\_001.wav

Python(61430) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(61431) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 1/4 - Progress: 30.0% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 1/4 - Progress: 60.1% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 1/4 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 1/4 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 1/4 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

✅ Chunk 1 complete: 90.2s actual (RTF: 0.150x, chars: 10321)

💾 Chunk 1 appended to transcripts/c6c2e5f6\_progress.txt

🎯 Transcribing chunk 2/4: chunk\_002.wav

Python(61526) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(61530) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 2/4 - Progress: 30.1% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 2/4 - Progress: 60.2% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 2/4 - Progress: 90.2% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 2/4 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 2/4 - Progress: 99.0% (Elapsed: 75s, Est. remaining: 0s)

🔄 Chunk 2/4 - Progress: 99.0% (Elapsed: 90s, Est. remaining: 0s)

✅ Chunk 2 complete: 100.2s actual (RTF: 0.167x, chars: 10608)

💾 Chunk 2 appended to transcripts/c6c2e5f6\_progress.txt

🎯 Transcribing chunk 3/4: chunk\_003.wav

Python(61574) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 10.0min, estimated processing: 50s

🚀 Starting Parakeet MLX transcription...

Python(61575) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 3/4 - Progress: 30.4% (Elapsed: 15s, Est. remaining: 35s)

🔄 Chunk 3/4 - Progress: 60.4% (Elapsed: 30s, Est. remaining: 20s)

🔄 Chunk 3/4 - Progress: 90.4% (Elapsed: 45s, Est. remaining: 5s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 60s, Est. remaining: 0s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 76s, Est. remaining: 0s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 217s, Est. remaining: 0s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 232s, Est. remaining: 0s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 1262s, Est. remaining: 0s)

🔄 Chunk 3/4 - Progress: 99.0% (Elapsed: 2311s, Est. remaining: 0s)

✅ Chunk 3 complete: 2981.3s actual (RTF: 4.969x, chars: 10391)

💾 Chunk 3 appended to transcripts/c6c2e5f6\_progress.txt

🎯 Transcribing chunk 4/4: chunk\_004.wav

Python(61764) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

📊 Chunk duration: 2.6min, estimated processing: 8s

🚀 Starting Parakeet MLX transcription...

Python(61765) MallocStackLogging: can't turn off malloc stack logging because it was not enabled.

🔄 Chunk 4/4 - Progress: 99.0% (Elapsed: 15s, Est. remaining: 0s)

✅ Chunk 4 complete: 25.1s actual (RTF: 0.163x, chars: 2281)

💾 Chunk 4 appended to transcripts/c6c2e5f6\_progress.txt