BRAIN READING CODEC SYSTEM

Neural Signal Processing Interface
Theoretical Brain Reading Implementation

⚠️ **THEORETICAL IMPLEMENTATION: This interface demonstrates conceptual brain reading technology. This is a speculative exploration of the proposed concepts.**
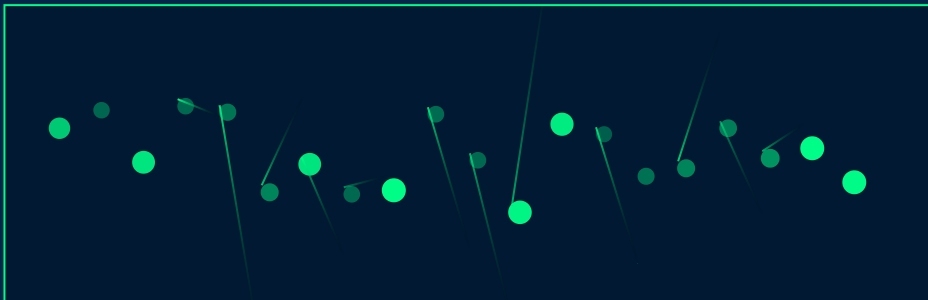
BRAIN THOUGHT INPUT

who is the richest person in the world in terms of wealth

PROCESS THOUGHT   **DECODE THOUGHT**

THOUGHT VISUALIZATION

BRAIN READING CODEC

```
// BRAIN READING CODEC ALGORITHM // WARNING: Theoretical
implementation only class BrainCodec { constructor() {
this.thoughtPatterns = []; this.neuralMap = this.initNeuralMap();
this.codecVersion = "BCv1.0-THEORETICAL"; } initNeuralMap() { return
{ 'visual': [0.8, 0.2, 0.5, 0.7], 'auditory': [0.3, 0.9, 0.4, 0.2],
'emotional': [0.6, 0.4, 0.8, 0.3], 'memory': [0.4, 0.7, 0.3, 0.9] };
} encodeThought(thought) { // Theoretical encoding process const
normalized = this.normalizeInput(thought); const encoded =
this.applyNeuralMapping(normalized); return
this.formatAsCodec(encoded); } decodeThought(codec) { // Theoretical
decoding process if (!this.validateCodec(codec)) { return
"CODEC_ERROR: Invalid format"; } const decoded =
this.reverseNeuralMapping(codec); return
this.formatAsThought(decoded); } normalizeInput(input) { return
input.toLowerCase().split('').map(c => c.charCodeAt(0) / 255); }
applyNeuralMapping(normalized) { const result = []; for (let i = 0; i
< Math.min(normalized.length, 4); i++) { let sum = 0; for (const
pattern in this.neuralMap) { sum += normalized[i] *
this.neuralMap[pattern][i]; } result.push(sum); } return result; }
formatAsCodec(encoded) { const timestamp =
Date.now().toString().slice(-6); const code = encoded.map(val =>
Math.floor(val * 9)).join(''); return `BR_${code}_${timestamp}`; }
validateCodec(codec) { return codec.startsWith('BR_') && codec.length
=== 15; } reverseNeuralMapping(codec) { const parts =
codec.split('_'); if (parts.length !== 3) return "Invalid codec
format"; const values = parts[1].split('').map(v => parseInt(v) / 9);
```

BRAIN READING TERMINAL

```
[15:42:55] Brain Reading Codec System initialized
[15:42:55] WARNING: Operating in theoretical mode only
```

```
[15:43:19] Awaiting thought input for processing
[15:43:35] Awaiting thought input for processing
[15:43:43] Processing thought: "who is the richest person in the world in terms of wealth"
[15:43:43] Applying neural pattern recognition...
[15:43:44] ERROR: Input is not a valid brain codec
[15:43:44] Thought encoded: BR_8872_824623
[15:43:47] Executing brain command: read-thoughts
[15:43:48] Thought pattern scanning initiated... No neural interface detected
[15:43:52] Thought encoded to codec: BR_8872_832811
```

BRAIN COMMAND INTERFACE

READ THOUGHTS	DECODE EMOTIONS	EXTRACT MEMORY
NEURAL SYNC		

Conversion Result: Command: read-thoughts |
Status: Simulated

CODEC OPERATIONS

ENCODE THOUGHT	DECODE SIGNAL	ANALYZE PATTERN
VISUALIZE		

Encoded: BR_8872_832811

IMPORTANT: This interface is purely theoretical. Current neurotechnology cannot perform the functions described here.