

16. Stateless API

Resending the Context

An AI agent has a 200-token system prompt, and each turn is a 100-token question and a 200-token answer. Mark three turns, then write out the chunks each request carries, S: system, U: question, O: answer.

Step 1: Mark three turns

1 - 1,000	S	S	(U1	O1	O1)	(U2	O2	O2)	(U3	O3
1,001 - 2,000	O3)									

Step 2: Write the chunks each turn sends and gets back

Turn	Input	Output
1	S S U1	O1 O1
2	S S U1 O1 O1 U2	O2 O2
3	S S U1 O1 O1 U2 O2 O2 U3	O3 O3

16. Stateless API (continued)

Practice 1

An AI agent has a 100-token system prompt, and each turn is a 100-token question and a 100-token answer. Mark three turns, then write out the chunks each request carries, S: system, U: question, O: answer.

Step 1: Mark three turns

1 - 1,000	S									
1,001 - 2,000										

Step 2: Write the chunks each turn sends and gets back

Turn	Input	Output
1		
2		
3		

Practice 2

An AI agent has a 100-token system prompt, and each turn is a 200-token question and a 100-token answer. Mark three turns, then write out the chunks each request carries, S: system, U: question, O: answer.

Step 1: Mark three turns

1 - 1,000	S									
1,001 - 2,000										

Step 2: Write the chunks each turn sends and gets back

Turn	Input	Output
1		
2		
3		