



Debugging using the Trace Tool

The Trace Tool

The screenshot displays the Apigee Trace Tool interface, which is used for monitoring and debugging API transactions. The interface is divided into several sections:

- Top Bar:** Contains tabs for OVERVIEW, DEVELOP, TRACE (selected), and PERFORMANCE. It also includes a "Stop Trace Session" button, a "Remaining Time" indicator (09:04), and buttons for "Download Trace Session" and "Node.js Logs".
- Transactions Table:** A table listing transactions. The first transaction is highlighted with a status of 200, method GET, and URI /currency/v1/rates, with an elapsed time of 386 ms.
- Send Requests:** A section for sending requests, showing the method GET and the URL https://apigee-edu-test.apigee.net/currency/v1/rates. A "Send" button is present.
- Transaction Map:** A visual representation of the transaction flow, showing a sequence of steps: a mobile device icon, a green checkmark, a yellow diamond, a blue checkmark, a yellow square labeled JS, and a grey circle. The flow ends with a grey circle and a black flag icon.
- Phase Details:** A section showing details for the GET /currency/v1/rates phase.
- View Options:** A sidebar on the left with checkboxes for "Show Disabled Policies (none)", "Show Skipped Phases (1)", "Show All FlowInfos (15)", "Automatically Compare Selected Phase", "Show Variables", and "Show Properties".

At the bottom of the interface, there is a status bar that reads "Output from all Transactions".

The Trace Tool

The screenshot displays the Apigee Trace Tool interface. At the top, there's a navigation bar with tabs for OVERVIEW, DEVELOP, TRACE, and PERFORMANCE. Below this, a status bar shows 'Deployment to Trace: Environment test, Revision 1', a 'Stop Trace Session' button, and a 'Remaining Time: 09:04'. There are also buttons for 'Download Trace Session' and 'Node.js Logs'.

The main content area is divided into several sections:

- Transactions:** A table with columns for Status, Method, URI, and Elapsed. It shows one transaction with status 200, method GET, URI /currency/v1/rates, and an elapsed time of 386 ms.
- Send Requests:** A section with a 'Send' button and a text input field containing the URL 'https://apigee-edu-test.apigee.net/currency/v1/rates'.
- Transaction Map:** A diagram showing the flow of the transaction, including various phases and a 'JS' (JavaScript) phase.
- Phase Details:** A section showing details for the selected phase, 'GET /currency/v1/rates'.

On the left side, there's a 'Filters' sidebar. Below it, the 'View Options' section is visible, containing checkboxes for 'Show Disabled Policies (none)', 'Show Skipped Phases (1)', 'Show All FlowInfos (15)', 'Automatically Compare Selected Phase', 'Show Variables', and 'Show Properties'.

The Trace Tool

The screenshot displays the Apigee Trace Tool interface. At the top, there are tabs for OVERVIEW, DEVELOP, TRACE, and PERFORMANCE. Below these, a status bar shows 'Deployment to Trace: Environment test, Revision 1', a 'Stop Trace Session' button, 'Remaining Time: 09:04', and buttons for 'Download Trace Session' and 'Node.js Logs'.

The main section is titled 'Transactions' and contains a table with columns: Status, Method, URI, and Elapsed. The first row shows a transaction with status '200', method 'GET', URI '/currency/v1/rates', and elapsed time '386 ms'. To the right of this table is a 'Send Requests' section with a 'Method' dropdown set to 'GET' and a 'URL' input field containing 'https://apigee-edu-test.apigee.net/currency/v1/rates'. A 'Send' button is next to the URL.

Below the 'Send Requests' section is a 'Transaction Map' diagram, which is highlighted with a red rectangle. The diagram shows a flow of operations: a mobile device icon, a sequence of four diamond-shaped nodes (the first is green, the others are grey), a yellow 'JS' node, and an 'AX' node. The flow ends with a document icon. Navigation buttons 'Back' and 'Next' are at the bottom right of the diagram.

Below the 'Transaction Map' is a 'Phase Details' section for the selected transaction. It shows the method 'GET' and the URI '/currency/v1/rates'. Below this are 'View Options' for the 'Transaction Map' and 'Phase Details'.

Transaction Map View Options:

- ☒ Show Disabled Policies (none)
- ☒ Show Skipped Phases (1)
- ☐ Show All FlowInfos (15)

Phase Details View Options:

- ☐ Automatically Compare Selected Phase
- ☒ Show Variables
- ☒ Show Properties

At the bottom of the interface, there is a footer that reads 'Output from all Transactions'.

The Trace Tool

The screenshot displays the Apigee Trace Tool interface. At the top, there are tabs for OVERVIEW, DEVELOP, TRACE (selected), and PERFORMANCE. Below the tabs, a status bar shows "Deployment to Trace: Environment test, Revision 1", a "Stop Trace Session" button, "Remaining Time: 09:04", and buttons for "Download Trace Session" and "Node.js Logs".

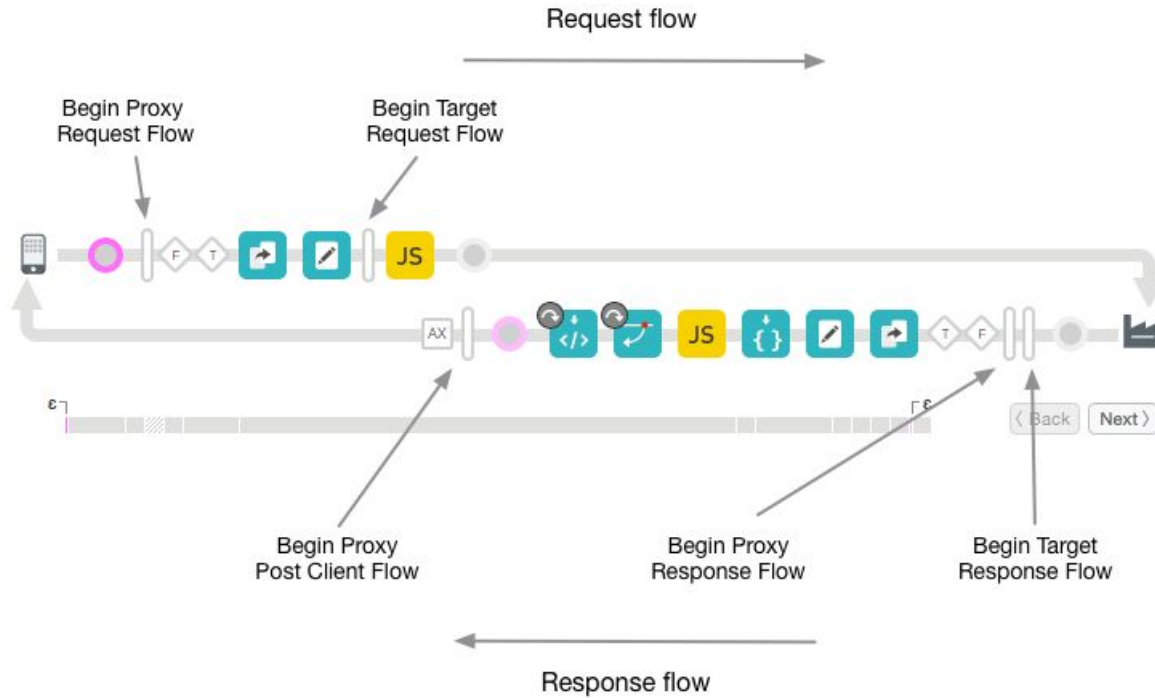
The main area is divided into several sections:

- Transactions:** A table with columns Status, Method, URI, and Elapsed. It shows one transaction with status 200, method GET, URI /currency/v1/rates, and elapsed time 386 ms.
- Send Requests:** A section with a "Send Requests" button and a form for Method (GET) and URL (https://apigee-edu-test.apigee.net/currency/v1/rates). A "Send" button is next to the URL.
- Transaction Map:** A visual representation of the transaction flow, showing a sequence of steps: a mobile icon, a green checkmark, a yellow diamond, a blue diamond, a yellow square labeled "JS", and a grey circle. The flow ends with a grey circle and a downward arrow.
- Phase Details:** A section titled "Phase Details" for the GET /currency/v1/rates transaction. It is currently empty, indicating that the details for this phase are not yet loaded or are being filtered out.

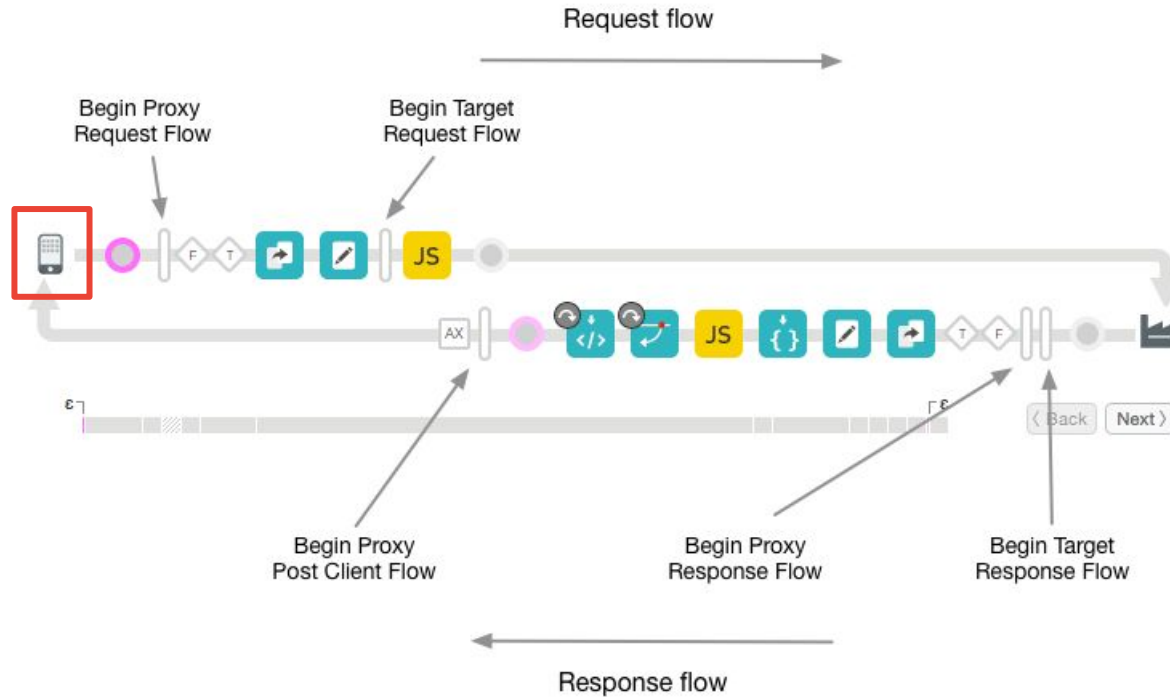
At the bottom left, there are "View Options" for the Transaction Map and Phase Details. The Transaction Map options include "Show Disabled Policies (none)", "Show Skipped Phases (1)", and "Show All FlowInfos (15)". The Phase Details options include "Automatically Compare Selected Phase", "Show Variables", and "Show Properties".

A red rectangle highlights the Phase Details section, which is currently empty. At the bottom right of the interface, there is a link "Outout from all Transactions".

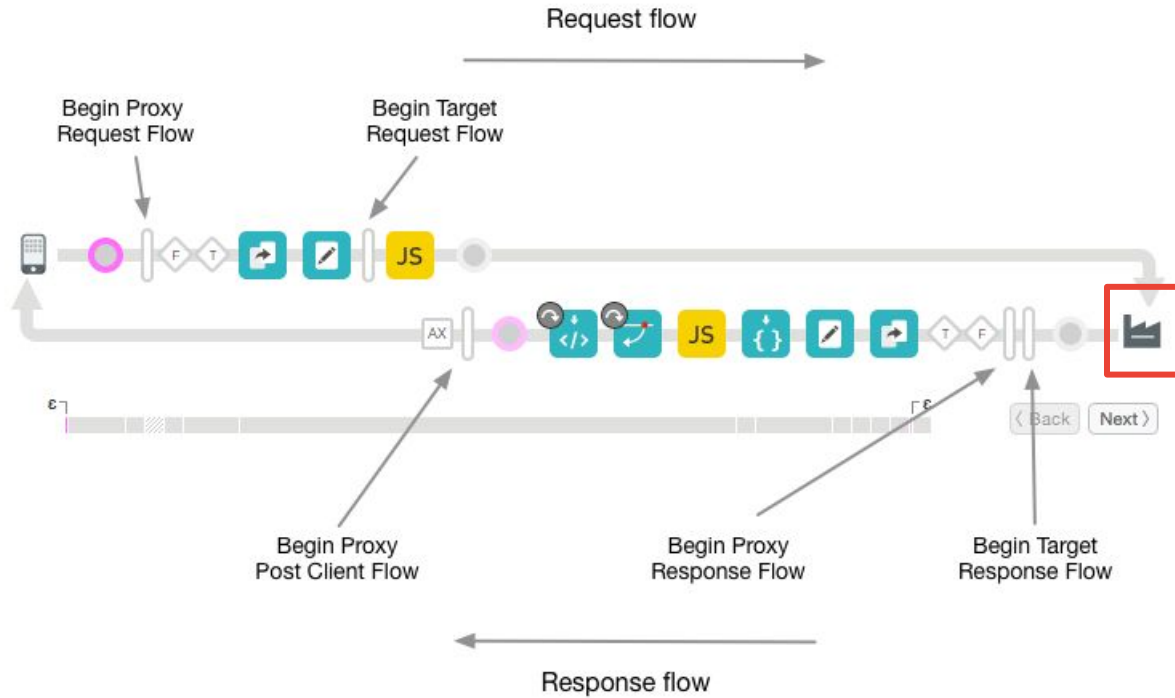
Trace - Transaction Map



Trace - Transaction Map



Trace - Transaction Map



The diagram illustrates the flow of requests and responses between a client, a proxy, and a target. It is divided into two main horizontal tracks: the top track for 'Request flow' (indicated by a right-pointing arrow) and the bottom track for 'Response flow' (indicated by a left-pointing arrow).

Request Flow (Top Track):

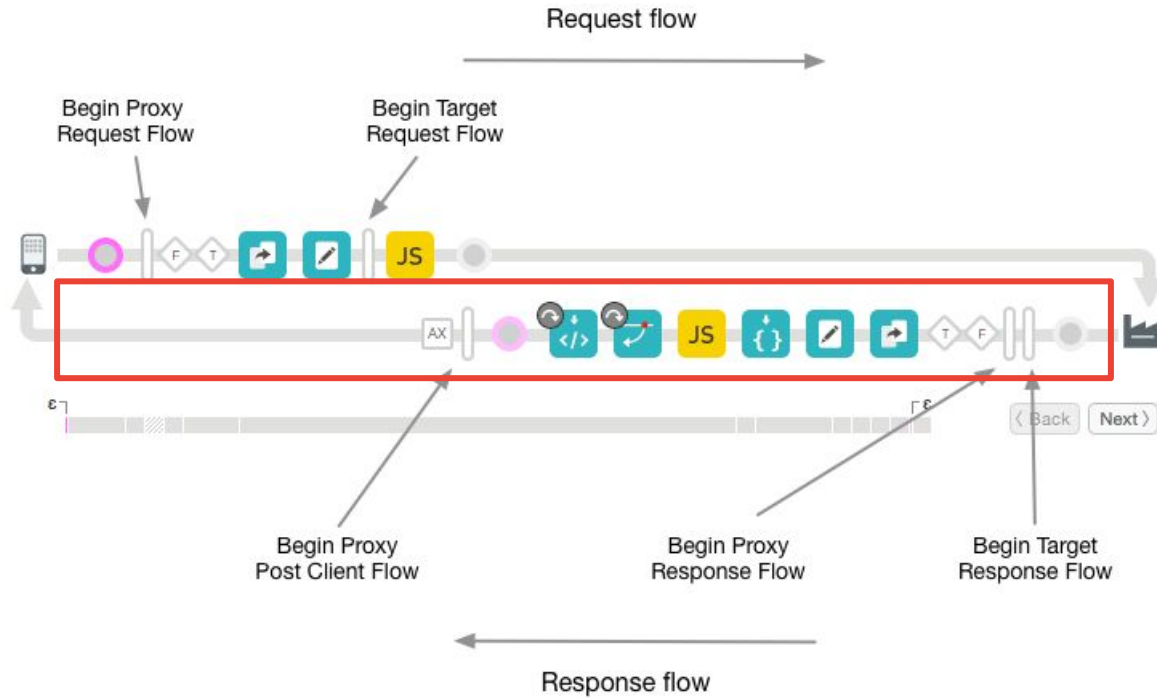
- Begin Proxy Request Flow:** Indicated by an arrow pointing to a pink circle icon.
- Begin Target Request Flow:** Indicated by an arrow pointing to a yellow 'JS' icon.
- The flow continues through various processing steps represented by icons: a pink circle, a white diamond with 'F' and 'T', a teal square with a right arrow, a teal square with a pencil, a yellow 'JS' icon, and a grey circle.
- The flow ends at a large grey arrow pointing right, representing the request reaching the target.

Response Flow (Bottom Track):

- Begin Proxy Post Client Flow:** Indicated by an arrow pointing to a pink circle icon.
- Begin Proxy Response Flow:** Indicated by an arrow pointing to a yellow 'JS' icon.
- Begin Target Response Flow:** Indicated by an arrow pointing to a white diamond with 'T' and 'F'.
- The flow continues through various processing steps: a pink circle, a teal square with a left arrow, a teal square with a right arrow, a yellow 'JS' icon, a teal square with a left arrow, a teal square with a pencil, a teal square with a right arrow, a white diamond with 'T' and 'F', and a grey circle.
- The flow ends at a large grey arrow pointing left, representing the response returning to the client.

At the bottom, there are two buttons labeled '< Back' and 'Next >'.

Trace - Transaction Map





Thank You