

Claims

1. A client device configured to communicate identifiers in a software application framework, comprising:
 - a processing system having at least one processor and at least one memory, the processing system configured to:
 - transmit a first request for first data for a page in an application, wherein the application is composed of a hierarchy of components that includes one or more pages, and wherein each of the one or more pages includes one or more views;
 - receive the first data, wherein the first data includes:
 - a plurality of static identifiers, wherein each of the static identifiers identifies a component in the hierarchy, and wherein the static identifiers include a page identifier that identifies the page and a view identifier that identifies a view within the page; and
 - one or more dynamic identifiers, wherein each of the one or more dynamic identifiers identifies instance information for a user visiting the page;
 - transmit a second request for second data containing content for the view identified by the view identifier, the second request including the plurality of static identifiers, including the page identifier and the view identifier, and the one or more dynamic identifiers;
 - receive the second data containing the content for the view; and
 - generate for display a user interface containing the page in the application, the displayed page including content associated with the second data, and code associated with the displayed page having the static and dynamic identifiers embedded therein.
2. The client device of claim 1, wherein the first set of identifiers are recorded and stored in a log.
3. The client device of claim 2, wherein the processing system is further configured to generate for display a user interface providing information from the log.
4. The client device of claim 1, wherein the static identifiers further includes at least a product identifier and a subapplication identifier.
5. The client device of claim 4, wherein the product identifier, the subapplication identifier, the page identifier, and the view identifier correspond to the hierarchy of components in the application where the product identifier is associated with a highest level in the hierarchy and the view identifier is associated with a lowest level in the hierarchy.

6. The client device of claim 1, wherein the dynamic identifiers include a session identifier for identifying a user of a session and an origin identifier for identifying an instance of a visit of the application.
7. A method for identifying requests in a software application framework implemented using an information processing system having at least one processor, the method comprising:
 - transmitting a first request for first data for a page in an application, wherein the application is composed of a hierarchy of components that includes one or more pages, and wherein each of the one or more pages includes one or more views;
 - receiving the first data, wherein the first data includes:
 - a plurality of static identifiers, wherein each of the static identifiers identifies a component in the hierarchy;
 - transmitting a second request for second data containing content for a view within the page, the second request including the plurality of static identifiers;
 - receiving the second data containing the content for the view; and
 - generating for display a user interface containing the page in the application, the displayed page including content associated with the second data.
8. The method of claim 7, wherein the plurality of static identifiers are recorded and stored in a log.
9. The method of claim 8, wherein a user interface providing information from the log is generated for display.
10. The method of claim 7, wherein at least one identifier from the plurality of static identifiers is embedded within code of the application.
11. The method of claim 7, wherein the plurality of static identifiers includes, at least, a product identifier, a subapplication identifier, a page identifier, and a view identifier.
12. The method of claim 11, wherein the product identifier, the subapplication identifier, the page identifier, and the view identifier correspond to the hierarchy of the application where the product identifier is associated with a highest level in the hierarchy and the view identifier is associated with a lowest level in the hierarchy.

13. A server system configured to track and identify requests in a software application framework, comprising:
a processing system having at least one processor and at least one memory, the processing system configured to:
receive a first request, from a client device, for first data for a page in an application, wherein the application is composed of a hierarchy of components that includes one or more pages, and wherein each of the one or more pages includes one or more views;
transmit a first response to the client device containing the first data, wherein the first data includes:
a plurality of static identifiers, wherein each of the static identifiers identifies a component in the hierarchy;
receive a second request, from the client device, for second data containing content for a view within the page, the second request including the plurality of static identifiers; and
storing at least one identifier, from the plurality of static identifiers received in the second request, in a log stored in the memory.
14. The server system of claim 13, wherein transmitting the first response further comprises transmitting one or more dynamic identifiers.
15. The server system of claim 14, wherein the one or more dynamic identifiers includes at least a session identifier generated by the server based on the received first request from the client, the session identifier is stored in the log.