

CLAIMS

What Is Claimed Is:

1. A method for configuring and using search functionality, the method comprising:
storing one or more resources of a first website hosted by a server system;
5 receiving administrative input, the administrative input corresponding to data entry controls in one or more user interfaces, the administrative input associating a first template module with a first result type, the first template module specifying a first template execution operation;
receiving, a first search request based on user input, the first search request
10 requesting a list of resources in the first website that satisfy a first search string;
determining that a first resource satisfies the first search string, the first resource being among the one or more resources of the first website;
determining that the first resource belongs to the first result type; ~~and~~
after determining that the first resource belongs to the first result type, providing a
15 dataset, the dataset comprising a first content resource object that contains data regarding the first resource, wherein the data regarding the first content resource includes one or more properties designated by the result type for the first resource;
based on the determination that the first resource belongs to the first result type,
receiving a request for the first template module;
20 in response to the request for the first template module, providing the first template module; and
providing a content generation script, performance of the content generation script causing the first template execution operation to be performed on the first content resource object, a first presentation string being generated by performing the first template
25 execution operation on the first content resource object, the first presentation string being renderable to present a first set of on-screen features describing the first resource, wherein the first set of on-screen features include the one or more properties designated by the result type arranged as specified by the first template module.
2. The method of claim 1, wherein a service provider entity operates the server
30 system, the server system hosts a plurality of websites, the plurality of websites including the first website, the server system hosting the first website on behalf of a tenant.
3. The method of claim 2, wherein the plurality of websites includes a second website, a given resource in the second website satisfying the first search string, the server

system not providing data identifying the given resource in response to the first search request.

4. The method of claim 1,

wherein the user interfaces include a type configuration interface, the type

5 configuration interface comprising data entry controls for configuring result types; and

wherein receiving the administrative input comprises receiving values of the data entry controls.

5. The method of claim 4,

wherein the data entry controls include a template selection control;

10 wherein receiving the administrative input comprises receiving a first template selection input, the first template selection input corresponding to the template selection control, the first template selection input associating the first template module with the first result type; and

wherein the method thither comprises:

15 after providing the dataset, receiving additional administrative input, the additional administrative input comprising a second template selection input, the second template selection input corresponding to the template selection control, the second template selection input associating a second template module with the first result type, the second template module specifying a second template execution operation;

20 after receiving the additional administrative input, receiving a second search request, the second search request requesting a list of resources in the first website that satisfy a second search string;

25 after receiving the second search request, determining that the first resource satisfies the second search string;

after determining that the first resource satisfies the second search string, sending a new dataset, the new dataset comprising a second content resource object that contains data regarding the first resource; and

30 sending a second content generation script, the second content generation script comprising instructions to generate a second presentation string by performing the second template execution operation on the second content resource object, the second presentation string being renderable to present a second set of on-screen features describing the first resource.

6. The method of claim 1,

wherein the administrative input associates a second template module with a second result type, the second template module specifying a second template execution operation;

wherein the method further comprising:

5 determining that a second resource satisfies the first search string, the second resource being among the resources of the first website; and

determining that the first resource belongs to the second result type;

wherein the dataset comprises a second content resource object, the second content resource object containing data regarding the second resource; and

10 wherein performance of the content generation script causes the second template execution operation to be performed on the second content resource object, a second presentation string being generated by performing the second template execution operation on the second content resource object, the second presentation string renderable to present a second set of on-screen features describing the second resource, the second set of on-
15 screen features including at least one feature not present in the first set of on-screen features.

7. The method of claim 1, further comprising:

receiving a request for the first template module after sending the dataset; and

20 sending the first template module in response to the request for the first template module.

~~82.~~ The method of claim 1,

wherein receiving the administrative input comprises receiving rule input, the rule input specifying a rule for the first result type; and

25 wherein determining that the first resource belongs to the first result type comprises determining that the first resource satisfies the rule for the first result type.

~~93.~~ The method of claim ~~82~~,

wherein the rule for the first result type specifies a file name extension or a URL pattern; and

30 wherein determining that the first resource satisfies the rule for the first result type comprises determining that a file name extension of the first resource corresponds to the file name extension specified by the rule for the first result type or determining that a URL of the first resource satisfies the URL pattern specified by the rule for the first result type.

~~104.~~ The method of claim ~~82~~,

wherein the method further comprises storing a first entry in a table, the table having a plurality rows and columns that define an array of cells, the array of cells including cells associated with the first entry, different cells associated with the first entry specifying different properties of the first result type, the properties of the first result type including a rule property and a template module property, the rule property specifying the rule for the first result type, the template module property specifying the first template module; and

wherein determining that the first resource belongs to the first result type comprises accessing the first entry to retrieve additional data for the first result type, including retrieving one or more additional properties for display or one or more additional templates for rendering.

11. The method of claim 1, further comprising:

after receiving the first search request, determining that the first resource belongs to a plurality of applicable result types, the plurality of applicable result types including the first result type; and

performing a conflict resolution operation to select the first result type from among the plurality of applicable result types to which the first resource belongs.

12. The method of claim 11,

wherein the server system hosts a plurality of websites on behalf of a tenant, the plurality of websites organized as a scope hierarchy having multiple levels, the plurality of websites including the first website;

wherein the plurality of applicable result types includes the first result type and a second result type, the first result type associated with a first level of the scope hierarchy, the second result type associated with a second level of the scope hierarchy, the second level being higher in the scope hierarchy than the first level; and

wherein performing the conflict resolution operation comprises: selecting the first result type instead of the second result type because the first result type is associated with a lower level in the scope hierarchy.

13. The method of claim 12,

wherein the plurality of websites includes a second website in addition to the first website, the first website and the second website belonging to a first site group;

wherein the user interfaces includes a first type configuration interface and a second type configuration interface, the first type configuration interface being in an

administrative interface for the first website, the second type configuration interface being in an administrative interface for the first site group;

wherein receiving the administrative input comprises:

receiving input from the first type configuration interface to configure the first result type to be applicable within the first website;

receiving input from the second type configuration interface to configure the second result type to be applicable within the first site group; and

wherein the method further comprises:

receiving a second search request, the second search request requesting a list of resources in the second website that satisfy a second search string;

determining that a second resource belongs to the second result type, a second template module associated with the second result type, the second template module specifying a second template execution operation; and

after determining that the second resource belongs to the second result type, providing a second dataset, the second dataset comprising a second content resource object, the second content resource object comprising data regarding the second resource; and

providing a second content generation script, performance of the second content generation script causing the second template execution operation to be performed on the second content resource object, a second presentation string being generated by performing the second template execution operation on the second content resource object, the second presentation string being renderable to present a second set of on-screen features describing the second resource.

145. A server system comprising:

a data storage system that stores computer-executable instructions and resources of a first website, the first website hosted by the server system, the data storage system comprising one or more computer storage media, the one or more computer storage media not consisting of transitory signals; and

a processing system that reads the computer-executable instructions from the data storage system and executes the computer-executable instructions, execution of the computer-executable instructions by the processing system causing the server system to:

send admin interface data from the server system, the admin interface data representing one or more admin interfaces;

accept administrative input, the administrative input based on values set in controls in the admin interfaces, the administrative input associating a first template module with a first result type and associating a second template module with a second result type, the first template module specifying a first template execution operation, the second template module specifying a second template execution operation;

send search interface data from the server system, the search interface data representing a user interface that includes a search feature;

accept a first search request from a user, the first search request requesting a list of resources in the first website that satisfy a first search string, the first search string based on values set in the search feature;

determine that a first resource and a second resource satisfy the first search string, the first resource belonging to the first result type, the second resource belonging to the second result type;

send a dataset, the dataset comprising a first content resource object and a second content resource object, the first content resource object containing data regarding the first resource wherein the data regarding the first resource includes one or more properties designated by the result type for the first resource, the second content resource object containing data regarding the second resource wherein the data regarding the second content resource includes one or more properties designated by the result type for the second resource; ~~and~~

based on the determination of result types for the first and second resources, receive a request for the first and second template modules;
in response to the request for the first and second template modules,
provide the first and second template modules; and

provide a content generation script, performance of the content generation script causing the first template execution operation to be performed on the first content resource object and causing the second template execution operation to be performed on the second content resource object, a first presentation string being generated by performing the first template execution operation on the first content resource object, a second presentation string being generated by performing the second template execution operation on the second content resource object, the first presentation string being renderable to present a first set of on-screen features describing the first resource, wherein the first set of on-screen features include the

one or more properties designated by the first result type arranged as specified by the first template module, the second presentation string being renderable to present a second set of on-screen features describing the second resource, wherein the second set of on-screen features include the one or more properties designated by the second result type arranged as specified by the second template module.

156. The server system of claim 145, wherein execution of the computer-executable instructions by the processing system causes the server system to accept property selection input, the property selection input indicating applicable properties for the first result type;

wherein the first result type and the second result type use a first template module for display,

the applicable properties of the first result type including properties of resources used when filling slots in the first template module,

the applicable properties of the second result type including properties of resources used when filling slots in the second template module, and

wherein the slots indicate locations into which data based on content resource objects in the dataset can be filled.

167. The server system of claim 145, wherein the first template module comprises Hypertext Markup Language (HTML), cascading style sheet (CSS), and scripting data utilized in performing the first template execution operation.

17. The server system of claim 14, wherein the admin interface data is renderable by a web browser application to display the admin interfaces.

188. The server system of claim 145,

wherein the server system hosts a plurality of websites on behalf of a tenant, the plurality of websites including the first website and a second website;

wherein the admin interfaces includes a first type configuration interface and a second type configuration interface, the first type configuration interface being in an administrative interface for the first website, the second type configuration interface being in an administrative interface for the second website, the first result type associated with a rule for the first result type;

wherein the administrative input includes input from the first type configuration interface to configure the first result type to be applicable within the first website and includes input from the second type configuration interface to configure a third result type to be applicable within the second website, the third result type associated with a rule for the third result type and a third template module;

wherein execution of the computer-executable instructions by the processing system causes the server system to determine that the first resource belongs to the first result type by determining that the first resource satisfies the rule for the first result type;

5 wherein execution of the computer-executable instructions by the processing system causes the server system to:

accept a second search request, the second search request requesting a list of resources in the second website that satisfy a second search string;

10 determine that a third resource satisfies the second search string, the third resource being in the second website, the third resource satisfying the rule for the first result type;

determine that the third resource belongs to the third result type by determining that the third resource satisfies the rule for the third result type; and

15 generate result data for the third resource, the result data for the third resource specifying the third template module and applicable properties of the third resource.

199. The server system of claim 145, wherein the first resource and the second resource are both word processor documents, slide presentation documents, webpages, PDF documents, spreadsheet documents, images, audio files, or video files.

20 2010. A computer storage medium that stores computer-executable instructions, the computer storage medium not consisting of transitory signals, execution of the computer-executable instructions by a processing system of a server system causing the server system to:

host a plurality of websites on behalf of a tenant, the plurality of websites including a first website and a second website;

25 ~~—send admin interface data from the server system, the admin interface data representing a type configuration interface, the type configuration interface being a graphical user interface that includes a template selection control;~~

30 accept a first template selection input, ~~the first template selection input based on a value in the template selection control when a save control in the type configuration interface is selected for a first time,~~ the first template selection input associating a first template module with a first result type, the first template module specifying a first template execution operation;

accept a second template selection input ~~after accepting the first template selection input, the second template selection input based on a value set in the template selection~~

~~control when the save control is selected for a second time,~~ the second template selection input associating a second template module with a second result type, the second template module specifying a second template execution operation;

~~send search interface data from the server system, the search interface data~~
5 ~~representing a graphical user interface that includes a search feature;~~

— accept a first search request, the first search request requesting a list of resources in the first website that satisfy a first search string, ~~the first search string based on values entered in the search feature;~~

10 determine that a first resource and a second resource satisfy the first search string, the first resource belonging to the first result type, the second resource belonging to the second result type;

generate a dataset, the dataset comprising a first content resource object and a second content resource object, the first content resource object containing data regarding the first resource wherein the data regarding the first resource includes one or more
15 properties designated by the result type for the first resource, the second content resource object containing data regarding the second resource wherein the data regarding the second content resource includes one or more properties designated by the result type for the second resource;

send the first template module, the second template module, and the dataset;

20 provide a content generation script, performance of the content generation script causing the first template execution operation to be performed on the first content resource object and causing the second template execution operation to be performed on the second content resource object, a first presentation string being generated by performing the first template execution operation on the first content resource object, a second presentation
25 string being generated by performing the second template execution operation on the second content resource object, the first presentation string being renderable to present a first set of on-screen features describing the first resource, wherein the first set of on-screen features include the one or more properties designated by the first result type arranged as specified by the first template module, the second presentation string being
30 renderable to present a second set of on-screen features describing the second resource, wherein the second set of on-screen features include the one or more properties designated by the second result type arranged as specified by the second template module;

accept a third template selection input ~~after sending the result data for the first resource and the result data for the second resource, the third template selection input~~

~~based on a value in the template selection control when the save control is selected for a third time,~~ the third template selection input associating a third template module with the first result type instead of the first template module;

~~after receiving the third template selection input,~~ receive a second search request,

5 the second search request requesting a list of resources in the first website that satisfy a second search string;

determine that the first resource satisfies the second search string;

after determining that the first resource satisfies the second search string, providing a new dataset, the new dataset comprising a third content resource object, the third content
10 resource object containing data regarding the first resource;

provide the third template module; and

provide a second content generation script, performance of the second content generation script causing the second template execution operation to be performed on the third content resource object, a third presentation string being generated by performing the
15 third template execution operation on the third content resource object, the third presentation string being renderable to present a third set of on-screen features describing the first resource, the third set of on-screen features being different than the first set of on-screen features, wherein the third set of on-screen features include the one or more properties designated by the third result type arranged as specified by the third template module.
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