suitable applications. The nodes and edges of social graph **1300** may be stored as data objects, for example, in a data store (such as a social-graph database). Such a data store may include one or more searchable or query able indexes of nodes or edges of social graph **1300**.

[0276] In particular embodiments, a user node **1302** may correspond to a user of social networking system **1202**. As an example and not by way of limitation, a user may be an individual (human user), an entity (e.g., an enterprise, business, or third-party application), or a group (e.g., of individuals or entities) that interacts or communicates with or over social networking system **1202**. In particular embodiments, when a user registers for an account with social networking system **1202**, social networking system **1202** may create a user node **1302** corresponding to the user, and store the user node **1302** in one or more data stores. Users and user nodes **1302** described herein may, where appropriate, refer to registered users and user nodes **1302** associated with registered users. In addition, or as an alternative, users and user nodes **1302** described herein may, where appropriate, refer to users that have not registered with social networking system **1202**. In particular embodiments, a user node **1302** may be associated with information provided by a user or information gathered by various systems, including social networking system **1202**. As an example and not by way of limitation, a user may provide his or her name, profile picture, contact information, birth date, sex, marital status, family status, employment, education background, preferences, interests, or other demographic information. Each user node of the social graph may have a corresponding web page (typically known as a profile page). In response to a request including a user name, the social networking system can access a user node corresponding to the user name, and construct a profile page including the name, a profile picture, and other information associated with the user. A profile page of a first user may display to a second user all or a portion of the first user's information based on one or more privacy settings by the first user and the relationship between the first user and the second user.

[0277] In particular embodiments, a concept node **1304** may correspond to a concept. As an example and not by way of limitation, a concept may correspond to a place (such as, for example, a movie theater, restaurant, landmark, or city); a website (such as, for example, a website associated with social-network system **1202** or a third-party website associated with a web-application server); an entity (such as, for example, a person, business, group, sports team, or celebrity); a resource (such as, for example, an audio file, video file, digital photo, text file, structured document, or application) which may be located within social networking system **1202** or on an external server, such as a web-application server; real or intellectual property (such as, for example, a sculpture, painting, movie, game, song, idea, photograph, or written work); a game; an activity; an idea or theory; another suitable concept; or two or more such concepts. A concept node **1304** may be associated with information of a concept provided by a user or information gathered by various systems, including social networking system **1202**. As an example and not by way of limitation, information of a concept may include a name or a title; one or more images (e.g., an image of the cover page of a book); a location (e.g., an address or a geographical location); a website (which may be associated with a URL); contact information (e.g., a phone number or an email address); other suitable concept information; or any suitable combination of such information. In particular embodiments, a concept node **1304** may be associated with one or more data objects corresponding to information associated with concept node **1304**. In particular embodiments, a concept node **1304** may correspond to one or more webpages.

[0278] In particular embodiments, a node in social graph **1300** may represent or be represented by a webpage (which may be referred to as a "profile page"). Profile pages may be hosted by or accessible to social networking system **1202**. Profile pages may also be hosted on third-party websites associated with a third-party server **1208**. As an example and not by way of limitation, a profile page corresponding to a particular external webpage may be the particular external webpage and the profile page may correspond to a particular concept node **1304**. Profile pages may be viewable by all or a selected subset of other users. As an example and not by way of limitation, a user node **1302** may have a corresponding user-profile page in which the corresponding user may add content, make declarations, or otherwise express himself or herself. As another example and not by way of limitation, a concept node **1304** may have a corresponding concept-profile page in which one or more users may add content, make declarations, or express themselves, particularly in relation to the concept corresponding to concept node **1304**.

[0279] In particular embodiments, a concept node **1304** may represent a third-party webpage or resource hosted by a third-party system **1208**. The third-party webpage or resource may include, among other elements, content, a selectable or other icon, or other inter-actable object (which may be implemented, for example, in JavaScript, AJAX, or PHP codes) representing an action or activity. As an example and not by way of limitation, a third-party webpage may include a selectable icon such as "like," "check in," "eat," "recommend," or another suitable action or activity. A user viewing the third-party webpage may perform an action by selecting one of the icons (e.g., "eat"), causing a client system **1206** to send to social networking system **1202** a message indicating the user's action. In response to the message, social networking system **1202** may create an edge (e.g., an "eat" edge) between a user node **1302** corresponding to the user and a concept node **1304** corresponding to the third-party webpage or resource and store edge **1306** in one or more data stores.

[0280] In particular embodiments, a pair of nodes in social graph **1300** may be connected to each other by one or more edges **1306**. An edge **1306** connecting a pair of nodes may represent a relationship between the pair of nodes. In particular embodiments, an edge **1306** may include or represent one or more data objects or attributes corresponding to the relationship between a pair of nodes. As an example and not by way of limitation, a first user may indicate that a second user is a "friend" of the first user. In response to this indication, social networking system **1202** may send a "friend request" to the second user. If the second user confirms the "friend request," social networking system **1202** may create an edge **1306** connecting the first user's user node **1302** to the second user's user node **1302** in social graph **1300** and store edge **1306** as social-graph information in one or more of data stores. In the example of FIG. **13**, social graph **1300** includes an edge **1306** indicating a friend relation between user nodes **1302** of user "A" and user "B" and an edge indicating a friend relation between user nodes **1302** of user "C" and user "B." Although this disclosure