**Context awareness** is a property of [mobile devices](http://en.wikipedia.org/wiki/Mobile_device) that is defined as computing that has to deal with linking changes in the environment with computer systems, which are otherwise static. Devices can both sense, and react based on their environment. Devices may have information about the circumstances under which they are able to operate and based on rules, or an intelligent stimulus, react accordingly.

For example: a context aware mobile phone may know that it is currently in the meeting room, and that the user has sat down. The phone may conclude that the user is currently in a meeting and reject any unimportant calls. If a certain set of calls are classified as important, the phone may choose to ring even when the person is in a meeting. Here the application makes use of the user's location and uses sensors to perceive a situation. The application understands the context by matching a perceived sensory stimulus to a context, and application behaviour based on the recognized context by triggering actions based on context.