

## Annotations

*annotation* associates an object such as a note, sound, or movie with a location on a page of a PDF document, or provides a way to interact with the user by means of the mouse and keyboard. PDF includes a wide variety of standard annotation types, described in detail in Section 8.4.5, “Annotation Types.”

Many of the standard annotation types may be displayed in either the *open* or the *closed* state. When closed, they appear on the page in some distinctive form, such as an icon, a box, or a rubber stamp, depending on the specific annotation type. When the user *activates* the annotation by clicking it, it exhibits its associated object, such as by opening a pop-up window displaying a text note (Figure 8.2) or by playing a sound or a movie.

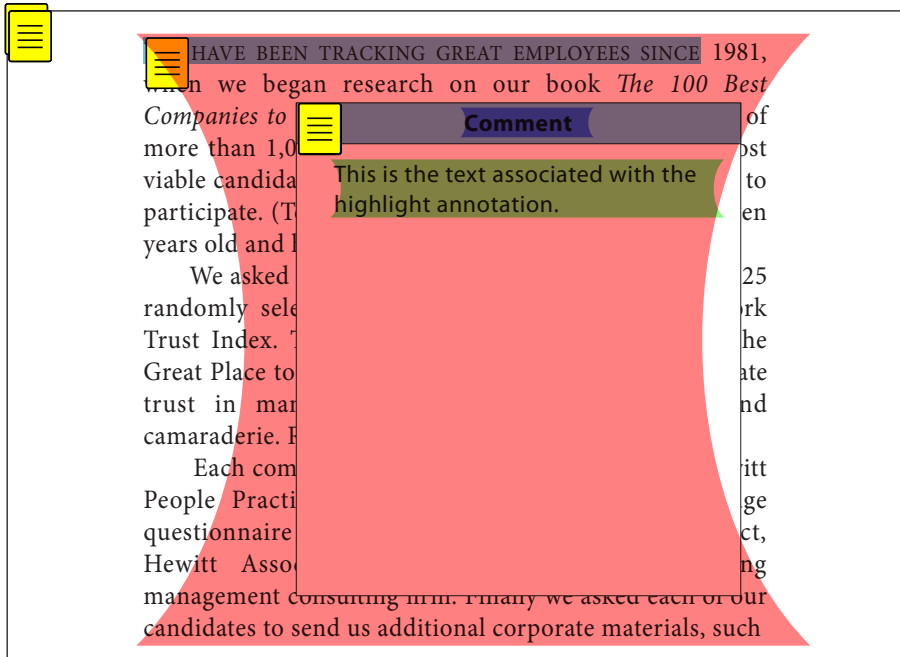


FIGURE 8.2 A text annotation

Power applications may permit the user to navigate through the annotations on a page by using the keyboard (in particular, the tab key); see Implementation note Appendix H. Beginning with PDF 1.5, PDF producers may make the navigation