expected cloud cover for the day. The forecast automatically changes whenever the ZIP code changes, and Ajax automatically refreshes the forecast as long as the window is open within the browser.

The weather forecast data is supplied by a Web Service whose WSDL document is located at www.webservicex.net/WeatherForecast.asmx?WSDL. The National Oceanic & Atmospheric Administration (NOAA) has launched its own more complete forecast Web service at weather.gov/forecasts/xml/. Each time the Ajax Dashboard is opened, the Web service is contacted for the default ZIP code's weather forecast. Once open, at regular intervals or when the ZIP code is changed, the Web service is again contacted for an updated forecast. Ajax dynamically updates the forecast during these updates, so the update is seamless and does not require a complete refresh of the page.

The stock ticker window keeps track of your favorite stocks' performances on the stock market. Use it to see how fast your investments are growing and thus how soon you can retire (or, sadly, how fast they're falling and how much longer you'll have to work). Enter the desired stock tickers in the text box, check the box to enable the autorefresh feature, and watch how the stock prices update throughout the day, without ever having to manually refresh the page. Like the weather forecast, the stock tracker uses Ajax and automatically updates itself at set

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**Figure 8-7. The Ajax Dashboard example application**

The weather forecast data is supplied by a Web Service whose WSDL document is located at www.webservicex.net/WeatherForecast.asmx?WSDL. The National Oceanic & Atmospheric Administration (NOAA) has launched its own more complete forecast Web service at weather.gov/forecasts/xml/. Each time the Ajax Dashboard is opened, the Web service is contacted for the default ZIP code's weather forecast. Once open, at regular intervals or when the ZIP code is changed, the Web service is again contacted for an updated forecast. Ajax dynamically updates the forecast during these updates, so the update is seamless and does not require a complete refresh of the page.

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