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Abstract
This paper describes how to write the device driver and application program for an IP Phone with USB interface. The motivation of using USB IP Phone comes from three considerations: (1) connecting Personal Computer (PC) to the regular phone; (2) ease of use; and (3) money saving. The USB IP Phone connects two users through Internet telephone service providers which can covert IP packet to PSTN signal, therefore the initiating-side users can use PC to call any PSTN users. An USB device needs a specific device driver to work properly. Many features of USB device driver will be discussed here. This paper mainly demonstrates the USB IP Phone windows driver model.
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