

CS423: Lecture 1, Introduction, How Mail Works

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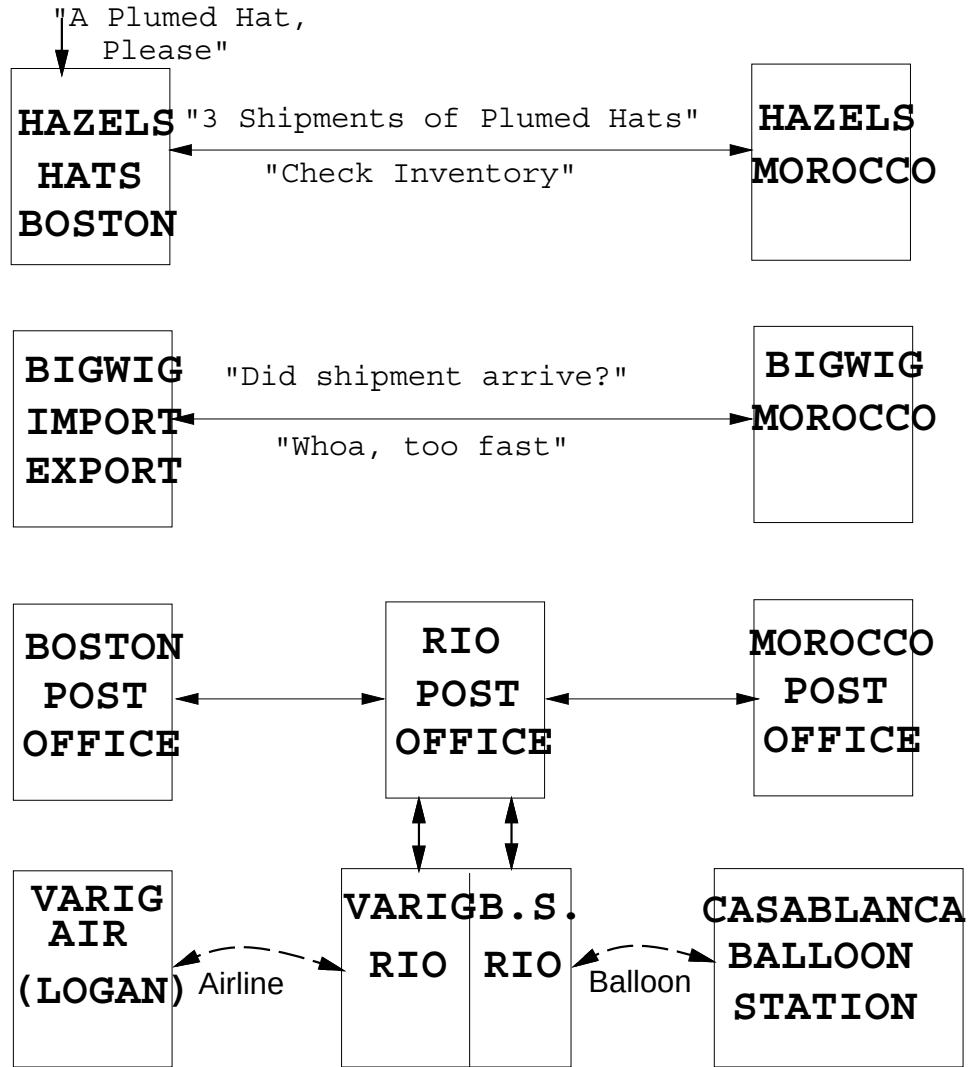
September 21, 2001

Why Study Networking?

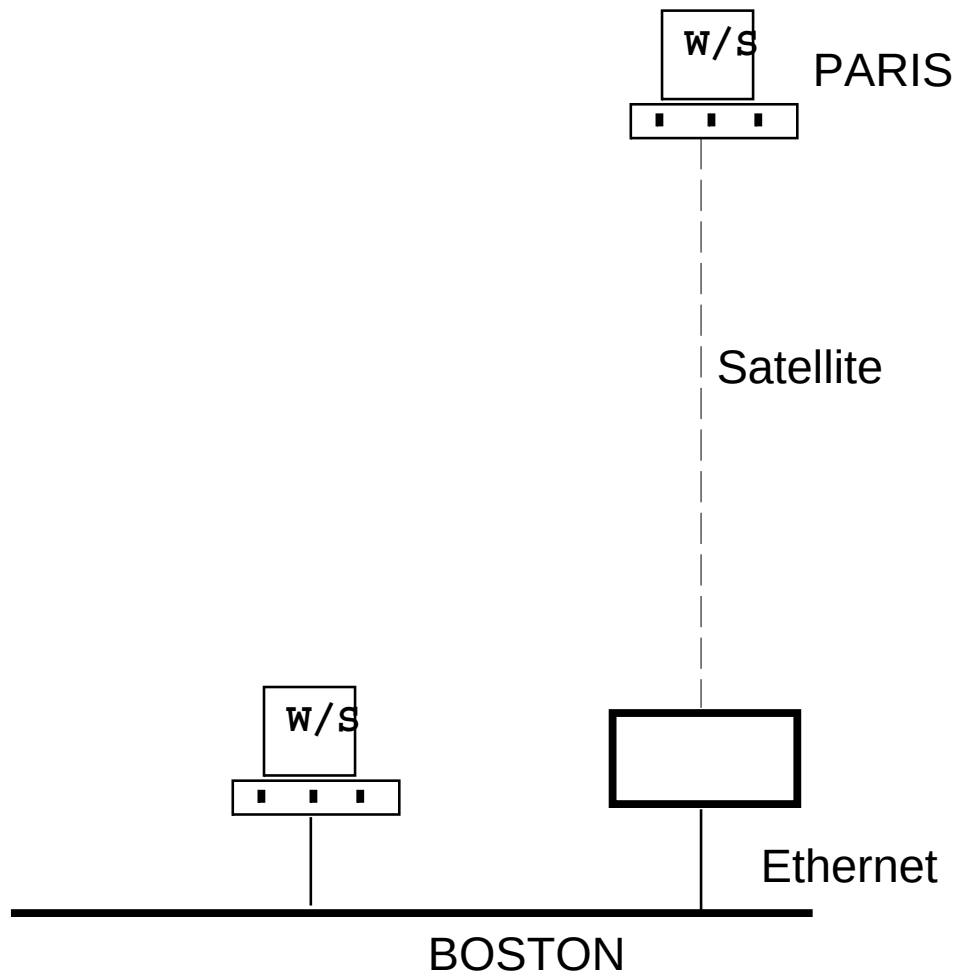
- Because its already part of your life: witness Napster, MP3, the web. Wouldn't you like to know how it works?
- Because its the hip place to be: the Internet is doubling every 6 to 9 months. Wouldn't you like it to be all geek (as opposed to greek) to you?
- Because there's lots of cool work to do. Internet startups are redefining networking and bringing great products to market. Wouldn't like to know enough to at least get in the door of a great startup?

Now for a whirlwind tour . . . Fasten your seatbelts

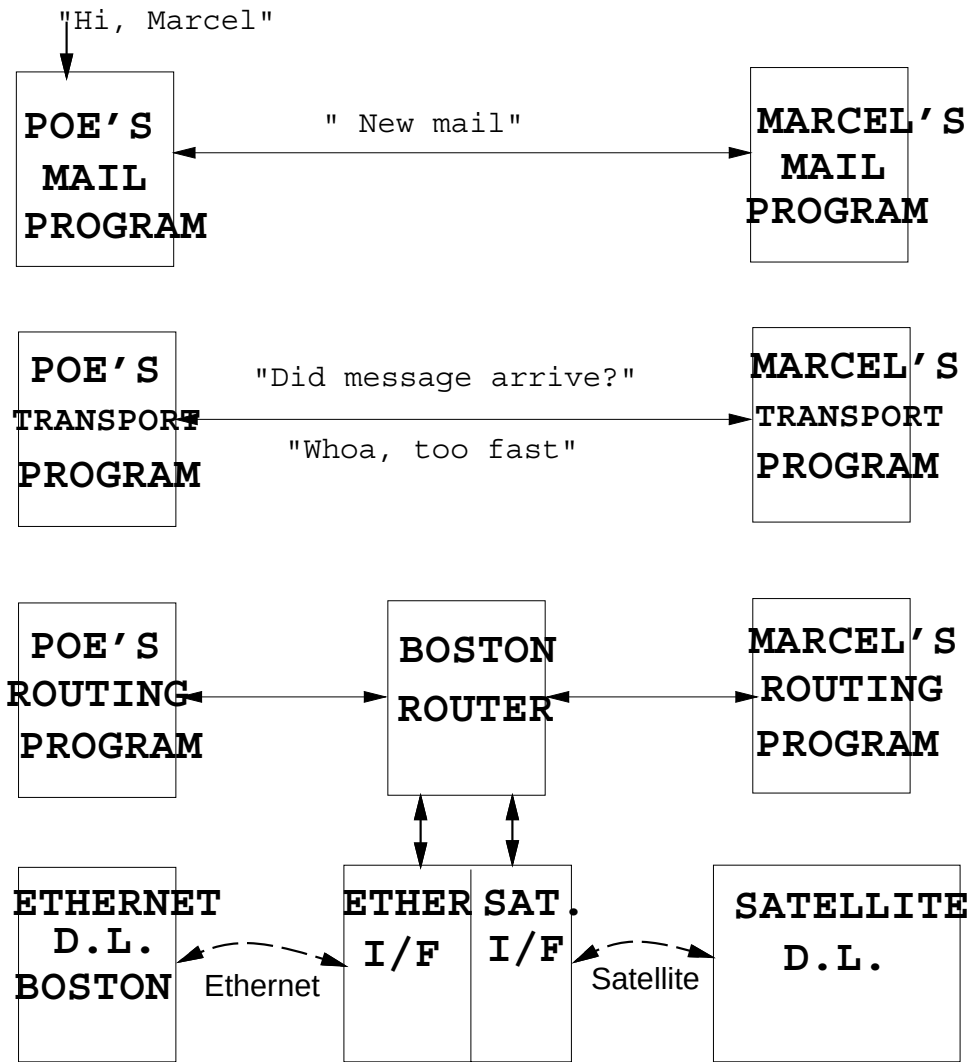
HAT TRANSFER ANALOGY



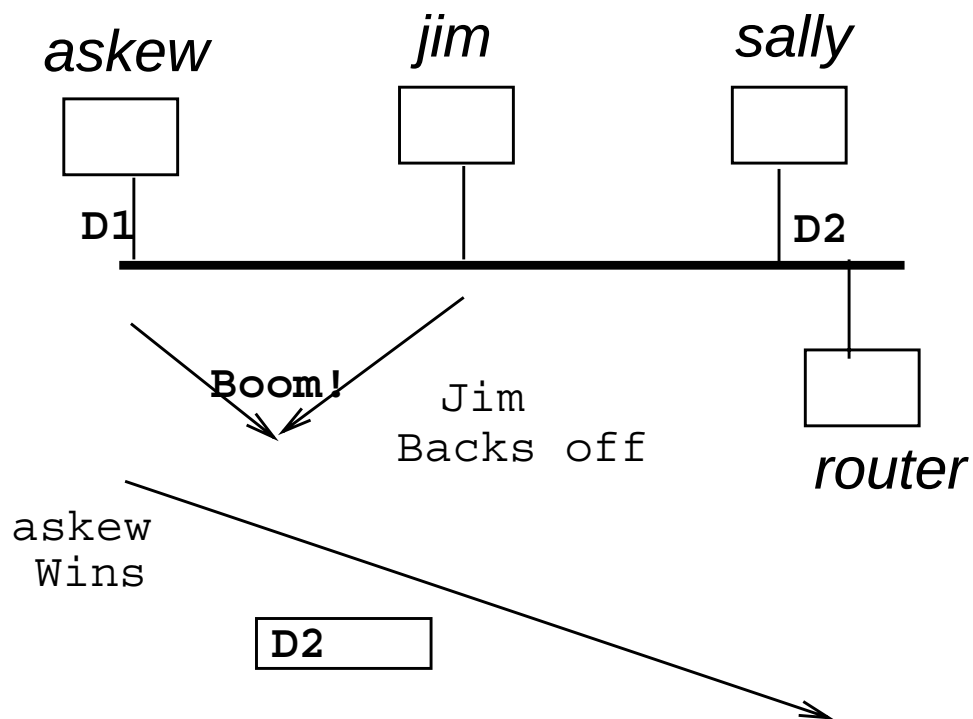
MAIL FROM BOSTON TO PARIS



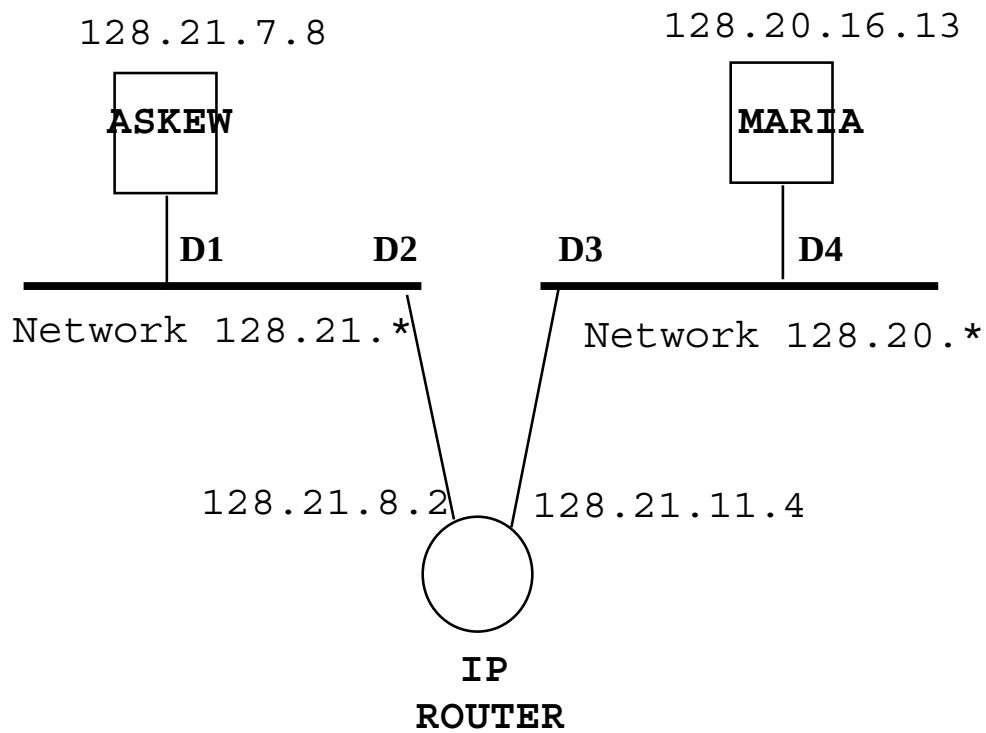
MAIL: POE TO PROUST

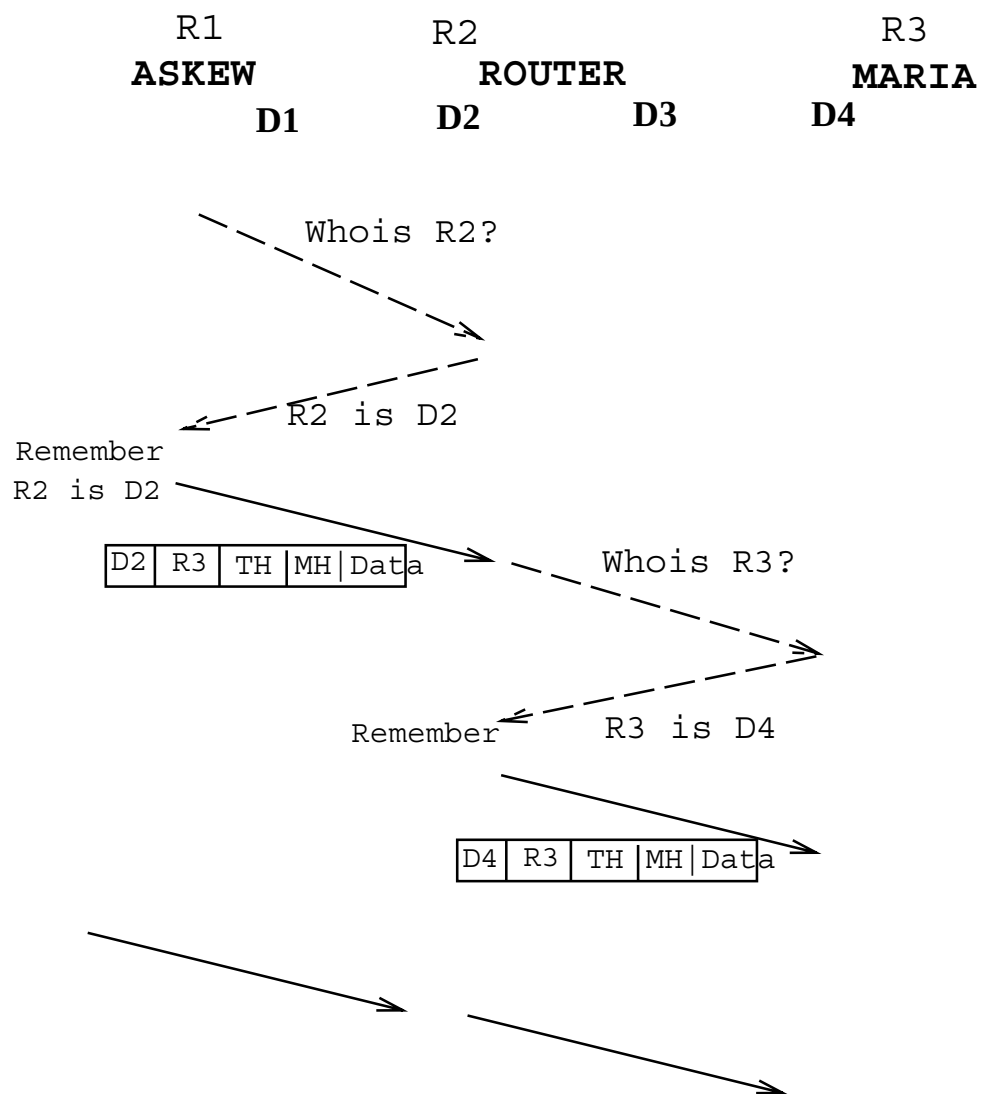


ON THE ETHERNET

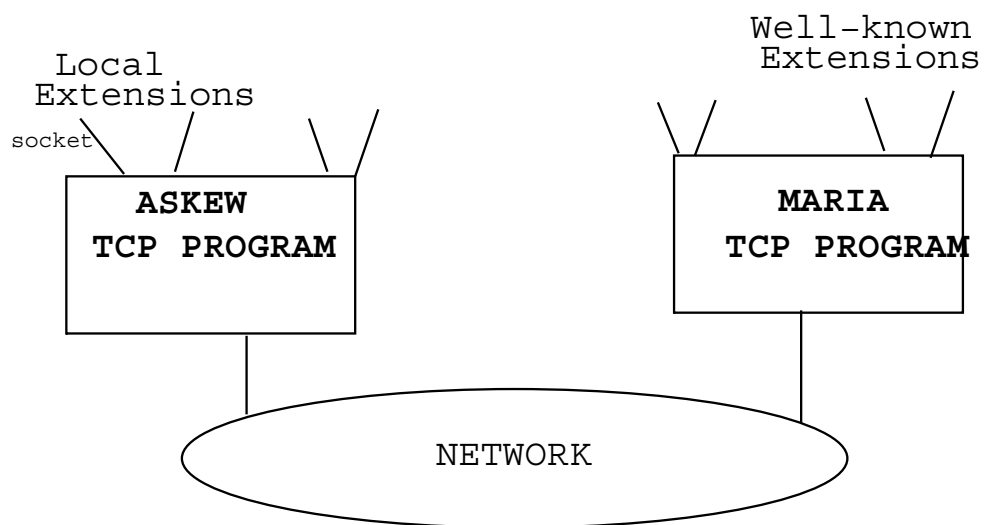


IP AND ETHERNET ADDRESSES

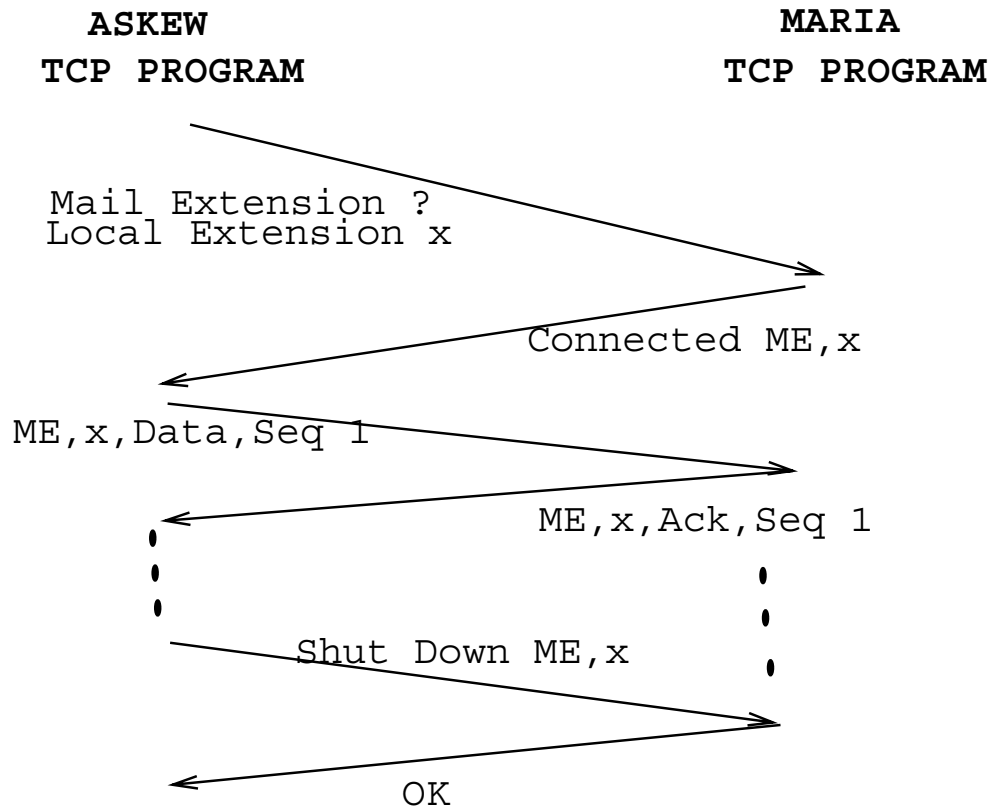




TRANSPORT (TCP) CONNECTIONS



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