David Pick
CM 2403

1)

Laungauge design isn't the same as it was 30 years ago. Then a language could be written by and individual or a small team of people and it would work for the needs of the programmers. Today small laungauges aren't very useful. However big languages can't just be built, they must be developed as smaller languages and then grown by users. This way a laungauge will have what most programmers want, and if it doesn't, they can develop their own libraries to add onto the their version of the laungauge.

2)

On the whole I agree with what Guy Steele said. I think that leaving development of a laungauge in the hands of the user is an extremely good idea. By allowing programmers to include what they want in a laungauge, you make it more usuable for them, and more accessible for novice programmers, because they have a small set of things they need to learn in order to use the laungauge. Allowing users to develop the enviornment has been shown in open source projects to not only produce a good product, but also a product the users want. This is most clearly shown by the Linux operating system. Users are extremely involved in the development, and they use not only because it works, but because they feel that they are able to give input on the direction it should go in the future.

3)

I think that the main point of this video was very important, and helpful. However I didn't feel that the video was worth the time I spent watching it. The majority of the video (the first 40 minutes) is Guy Steele developing the laungauge he can use during the speech, and he doesn't say anything extremely important until well into the video. I think that the last 15 minutes of this video were very good, and

thats what students should watch (or read, the speech is available in pdf form).