Thurs, 8 April: Assignment Reminder

- Read <u>Unit 7 papers</u> by Tuesday, 13 April
- Read <u>Unit 8 papers</u> by Thursday, 15 April
- Pay your federal taxes by Thursday, 15 April

<u>*Write*</u> --due next Thurs, 15 April:

Consider combining two items of largely orthogonal functionality to form a third object (e.g. combining a robot and a camera to create a seeing-robot). Should we use multiple inheritance (seeing-robot isa camera and isa robot) or containment (seeing-robot isa robot which hasa camera named Mycamera), or some other mechanism? Consider changing the design sometime later, to add a second camera. Discuss your views on the support languages should provide for describing an entity that is the union of two (or more) others, and the adequacy of the support found in C++ and Java for doing so.

Future Assignments

- Reading for the rest of the semester

  - 06 April: unit 7 assigned, writing assignment due 15 April

  - 08 April: unit 8 assigned.

  - 15 April: unit 9 assigned, writing assignment due 22 April

  - 22 April: unit 10 assigned.

  - 29 April: unit 11 assigned?

  - 04 May: last day of class.

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Today's Topics

- Types
  - Collected definitions (texts, student contributions)
  - More issues about types
  - Day/Liskov paper (subtypes/parametric)
  - Hindley-Milner
  - Agesson?

- OOL

08 Apr 1999; Session 21

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