

Keyboarding, Programming and Diagramming for Knowledge Workers

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What is needed for Knowledge Workers

- Computer-based systems has been proliferated.
- Human resources must be developed.
 - Keyboarding: Body-axis
 - Programming: Mind-axis
 - Diagramming: Sensibility-axis

Keyboarding: Body-axis

- Easy to learn.
- One hour practice makes touch typing.
- Several hours of practice is enough for elderly people to get touch typing skill.
- Japanese text requires interactive input named Kana-Kanji conversion.
- Kanji may be touch typed by 2-stroke method.

Programming: Mind-axis

- Literacy to Computer Literacy
- Text interpreted by human beings: Conventional Literacy
- Text may be interpreted by computer as well: Computer Literacy
- Japanese language may be a programming language as well

Diagramming: Sensibility-axis

- Outline processor is top-down approach for text writing.
- KJ method is bottom-up approach for diagramming.
- KJ method may be supported by a computer.
- Tacit knowledge may be formalized by the KJ method.
- Consensus may be reached through group work by KJ method.
- Creative work may be recorded by computer support.