TECHNOLOGY TRANSFER IN SOFTWARE ENGINEERING

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The University of Houston-Clear Lake is the prime contractor for the AdaNET Research Project under the direction of NASA Johnson Space Center. AdaNET was established to promote the principles of software engineering to the software development industry. AdaNET will contain not only environments and tools, but also concepts, principles, models, standards, guidelines and practices. Initially, AdaNET will serve clients from the U.S. government and private industry who are working in software development. It will seek new clients from those who have not yet adopted the principles and practices of software engineering. Some of the goals of AdaNET are to become known as an objective, authoritative source of new software engineering information and parts, to provide easy access to information and parts, and to keep abreast of innovations in the field.
Mission

AdaNET is an electronic distribution network (the electronic marketplace)
for software engineering
where those in the field
can exchange information and engineering parts.

AdaNET will also
promote the principles of software engineering
to the rest of the software development industry
as a way to increase the scope of its network.

Contents

AdaNET will contain the following information and parts:

- Concepts
- Principles
- Models
  - Environments
  - Tools
    - Standards
    - Guidelines
    - Practices
Clients

AdaNET will serve clients

from U.S. government and private industry who are working in software development.

AdaNET will seek new clients

from the software development industry who have not yet adopted the principles and procedures of software engineering.

AdaNET will initially concentrate on clients

in manufacturing and administrative (MIS) computer systems.

Goals

AdaNET will maintain the highest reputation for quality in its research, its products and its services.

AdaNET will become known as an objective, authoritative source of new software engineering information and parts.

AdaNET information and parts will be easy to obtain and easy to use.

AdaNET will be continually changing to keep abreast of innovations in the field.
Success

AdaNET will provide its clients demonstrated benefit at reasonable cost.

AdaNET will stress how effectively and how efficiently it fulfills its mission.

AdaNET will support itself through the sale of products and services and through continuing research contracts.
Milestones

September 1987  Unsolicited proposal submitted
October 1987   Revised proposal accepted
August 1988    Final draft report submitted
               NASA briefing to sponsors
October 1988   Work begins under new WBS