TRANSPARENCIES FOR UNIT 4

TECHNOLOGY TRANSFER

WHY DO WE NEED TO KNOW ABOUT TECHNOLOGY TRANSFER?

- ✓ TO DO A BETTER JOB IN THE PRIMARY MISSION
- ✓ TO ACCOMPLISH THE SECONDARY MISSION

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TECHNOLOGY TRANSFER

TYPES

- INTERNATIONAL
- DOMESTIC
  - PUBLIC → PRIVATE
  - PUBLIC → PUBLIC
  - PRIVATE → PRIVATE
  - PRIVATE → PUBLIC

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FORMS OF TRANSFER

THE COMMERCIAL APPLICATION OF MISSILE/SPACE TECHNOLOGY (DENVER RESEARCH INSTITUTE, 1963)

1. STIMULATION OF BASIC & APPLIED RESEARCH
2. NEW OR IMPROVED PROCESSES OR TECHNIQUES
3. PRODUCT IMPROVEMENTS
4. MATERIALS & EQUIPMENT AVAILABILITY
5. BY-PRODUCTS

~~BY-PRODUCT TRANSFER~~

TECHNOLOGY TRANSFER

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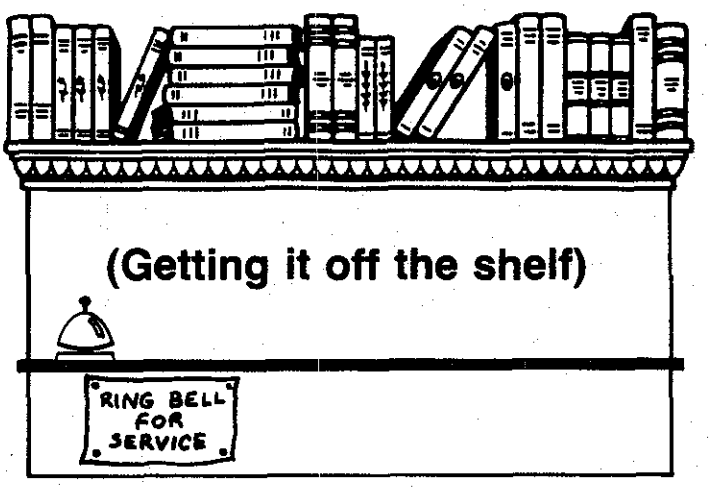
COMMON IMAGE AND MODELS

IMAGE



MODEL

SOURCE → USER

DONOR → RECIPIENT

TRANSFERRER → TRANSFEREE

DEVELOPER → IMPLEMENTOR

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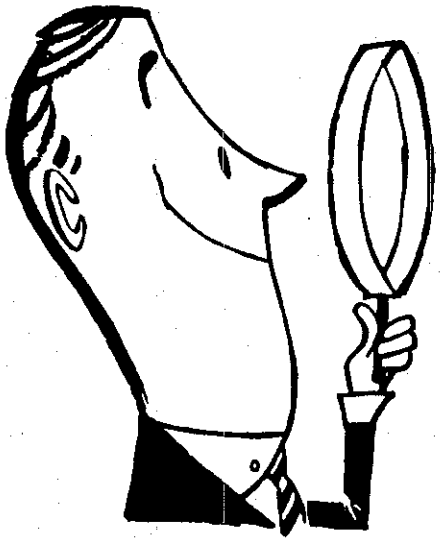
INVESTIGATING THE MODELS



1. THE CASE OF THE UNIDENTIFIED PRODUCT
2. THE CASE OF THE DUPLICITOUS DONOR
3. THE CASE OF THE DEJECTED SUITOR
4. THE CASE OF WHO DUNNIT

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MODEL DEFICIENCIES

A → B

- TRANSFER INITIATIVE
- TRANFER PROCESS
- MISPLACED VALUE
- TRANSFER AS AN EVENT
- TRANSFER READINESS
- DEVELOPMENT WORK
- JOINT MANAGEMENT

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AN ADEQUATE DEFINITION

CRITERIA

- ENCOMPASSES ABILITY TRANSFER
- STRESSES TRANSMISSION OF KNOWLEDGE
- IDENTIFIES TRANSFER WITH USE

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PROPOSED DEFINITION

Technology transfer is the process by which knowledge concerning the making and doing of useful things contained within one organizational setting is brought into use within another organizational setting.

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VIRTUES

- √ TRANSFER IS CONCERNED WITH KNOWLEDGE
- √ TRANSFER IS A PROCESS
- √ TRANSFER OPPORTUNITIES ARE WIDE RANGING
- √ TRANSFER HAS MANY SOURCES
- √ TRANSFER IS AN INTERCHANGE
- √ TRANSFER IS A COOPERATIVE ENDEAVOR
- √ TRANSFER IS COMPLEX
- √ TRANSFER IS USE

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