CASEMaker®

DBMaker Case Study

Customer: National Science Commission of Executive Yuan–Technical Data Center

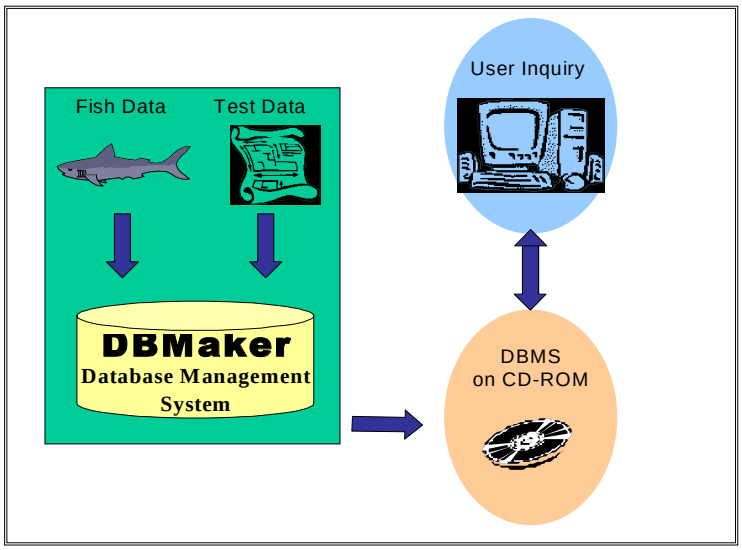
System: Database of Taiwan Fish Plant

System Purpose

This system is developed to provide promotion of scientific knowledge of animals and plants, as well as for entertainment purposes. The database collects versatile information of fish and plants in Taiwan, including 1000 kinds of fish and 614 kinds of plants, for inquiry and promotional purposes. The information needed to be portable and easily accessible.

System Architecture

Hardware: PC Pentium 133 or above, 32 MB RAM or above, full-color display card with 800×600 resolution, CD-ROM drive



Software:

Item	Name
Workstation Operation System	Windows 95/98/NT
Database Management System(DBMS)	DBMaker 3.0

Development Tool & Period

Development tool: Delphi

Development period: 2 man/month

On-line Date

August, 1998

Benefits

■DBMaker offered the ability to have a read-only database on a CD-ROM, thus the application is portable and offers all the benefits of database full-text search capabilities.

■The company was able to take advantage of the database management system when developing on the workstation and then store the applications on the CD-ROM (read-only database).

■With a read-only database, the data integrity is protected.

■By using the CD-ROM instead of catalogues or books, production costs were reduced.

■DBMaker supports various combinations of criteria for complex queries, providing more complete access to data.

■The entire database can be installed onto the hard disk or queries can be made directly from the CD-ROM.