

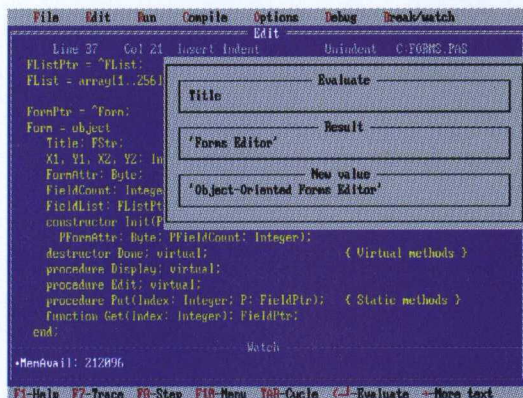
NEW

TURBO PASCAL 5.5 FEATURES OBJECT-ORIENTED PROGRAMMING!

Turbo Pascal® now offers object-oriented programming. We combined the simplicity of Apple's Object Pascal language with the power and efficiency of C++ to create Turbo Pascal 5.5, the object-oriented programming language for the rest of us. And it's the only object-oriented Pascal that's 100% compatible with Turbo Pascal 5.0.

OBJECTIVELY SPEAKING, SIMPLY THE BEST

Turbo Pascal's object-oriented extensions are fast, efficient, and elegant. Turbo Pascal 5.5 not only lets you allocate dynamic objects referenced through pointers (as in Object Pascal), but also allows you to declare static objects that are referenced directly (as in C++). This lets you declare and use objects just as you would any variable. You can mix virtual methods for flexibility with static methods for maximum performance. Constructors and destructors make creating, initializing, and disposing of dynamic objects simple and reliable. You get the full power of inheritance, data abstraction, and late binding. All within Turbo Pascal's clear, understandable structure.



```
File Edit Run Compile Options Debug Break/watch
Line 37 Col 24 Insert Indent Unindent C:FORMS.PAS
FListPtr = ^FList;
FList = array[1..256];

FormPtr = ^Form;
Form = object
  Title: FStr;
  X1, Y1, X2, Y2: Int;
  FormPtr: ^Form;
  FieldCount: Integer;
  FieldList: FListPtr;
  constructor Init(
    PFormPtr: ^Form; PFieldCount: Integer);
  destructor Done; virtual;
  procedure Display; virtual;
  procedure Edit; virtual;
  procedure Put(Index: Integer; P: FieldPtr);
  function Get(Index: Integer): FieldPtr;
end;
Match
+MemAvail: 212896
F1-Help F7-Trace F8-Step F10-Menu Y8-Cycle C-Evaluate -More text
```

The screenshot shows a Turbo Pascal 5.5 IDE window with a Pascal program defining a 'Form' object. The program includes fields like 'Title', 'X1, Y1, X2, Y2', and 'FormPtr', and methods like 'Init', 'Done', 'Display', 'Edit', 'Put', and 'Get'. A dialog box is overlaid on the code, titled 'Evaluate', with a 'Result' field containing the text 'Object-Oriented Form Editor'.

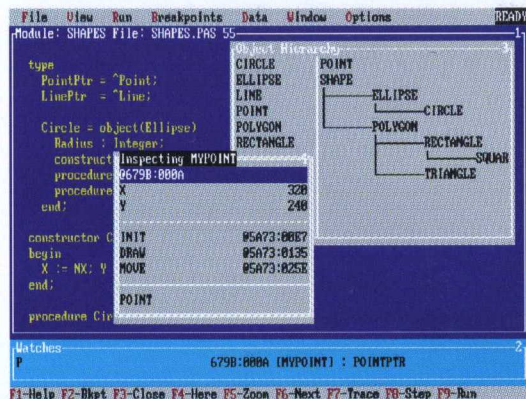
Turbo Pascal 5.5 makes object-oriented programming easy for you.

LEARN OBJECT-ORIENTED PROGRAMMING WITH TURBO PASCAL 5.5

Turbo Pascal 5.5 takes you step-by-step along the path from structured programming to object-oriented programming. Learn the techniques of object-oriented programming with the Turbo Pascal OOP Guide. Study and modify the examples of object-oriented programs that we provide on disk with Turbo Pascal 5.5.

DEBUGGING: THE INSIDE STORY

Debugging objects? Turbo Pascal's sophisticated, integrated source-level debugger recognizes late binding, so you can tell which method will execute.



Turbo Debugger allows you to inspect objects and browse object hierarchies.

And of course, the integrated debugger takes you inside your code to fix errors fast. You can run your program one step at a time, watch your variables change between each step, and even change the values while your program is running.

TURBO PASCAL 5.5 RUNTIME LIBRARY SOURCE CODE

Modify the runtime library source code or use it as is. You get the assembly language and Pascal source to the System, Dos, Crt, Printer, and Turbo3 units. It comes with a batch file to help with recompiling and rebuilding TURBO.TPL.

TURBO PASCAL PROFESSIONAL

Turbo Pascal Professional includes Turbo Pascal 5.5 plus Turbo Assembler® and Turbo Debugger®. Turbo Debugger, winner of *PC Magazine's* Technical Excellence Award, now has an object hierarchy browser, an object inspector, and an object method interpreter. Turbo Assembler is fast and 100% MASM compatible.

FEATURES

- Your Turbo Pascal 5.0 source code is 100% compatible with 5.5
- Object-oriented programming features include:
 - Inheritance
 - Static and virtual methods
 - Static and dynamic objects
 - Constructors and destructors
 - Object constants
- Fast! Compiles 34,000 lines of code per minute*
- New integrated environment tutorial
- Hypertext help
- Enhanced smart linker strips out unused objects and methods
- Complete math coprocessor emulation and support—8087/80287/80387
- Improved overlay manager runs your overlaid programs faster using least recently used (LRU) algorithm

*Run on an IBM PS/2 Model 60.
Minimum system requirements: For the IBM PS/2® and IBM® family of personal computers and all 100% compatibles: PC-DOS (MS-DOS) 2.0 or later; 448K RAM minimum (256K for command-line version). One floppy disk drive.

Turbo Pascal, Turbo Assembler, and Turbo Debugger are registered trademarks of Borland International, Inc. Copyright ©1989 Borland International, Inc. All rights reserved.
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