

```
FUNCTION Normalizer(InPtr : Pointer) : Pointer;

VAR
  Address20Bit : LongInt;
  OutPtr      : Pointer;

TYPE
  PtrSplitter =
    RECORD
      PtrOffset,PtrSegment : Word
    END;
  String80 = STRING[80];

BEGIN
  Address20Bit := LongInt(PtrSplitter(InPtr).PtrSegment) SHL 4 +
    PtrSplitter(InPtr).PtrOffset;
  PtrSplitter(OutPtr).PtrSegment := Address20Bit SHR 4;
  PtrSplitter(OutPtr).PtrOffset := Address20Bit AND $0000000F;
  Normalizer := OutPtr;
END;
```