

[Q]: Сопоставление с шаблоном. Звёздочки, вопросыки. Паскаль.

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```
UNIT UsIPatrn;
```

```
INTERFACE
```

```
function MatchLineOk (pattern, line : string) : boolean; function MatchFileOk (pattern, name : string) : boolean;
```

```
IMPLEMENTATION
```

```
uses Dos;
```

```
function MatchLineOk;
```

```
function SubOk (ppos, lpos : byte) : boolean;
```

```
begin
```

```
  if ppos > length (pattern) then
    SubOk := lpos > length (line)
  else if lpos > length (line) then
    SubOk := (pattern [ppos] = '*') and SubOk (ppos+1, lpos)
  else if pattern [ppos] = '*' then begin
    SubOk := false;
    for lpos := length (line) + 1 downto lpos do
      if SubOk (ppos+1, lpos) then begin
        SubOk := true;
        break
      end
    end
  end
  else
    SubOk := ((pattern [ppos] = '?') or
              (pattern [ppos] = line [lpos])) and
              SubOk (ppos+1, lpos+1)
```

```
end;
```

```
begin
```

```
  MatchLineOk := SubOk (1, 1)
```

```
end;
```

```
function MatchFileOk;
```

```
var
```

```
  pd, nd : DirStr;
  pn, nn : NameStr;
```

```
px, nx : ExtStr;
```

begin

```
FSplit (pattern, pd, pn, px);  
FSplit (name, nd, nn, nx);
```

```
MatchFile0k := ((pd = '') or (pd = nd)) and  
MatchLine0k (pn, nn) and  
MatchLine0k (px, nx)
```

end;

END.

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