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### Identification

Star Convention Handler  
 listfiles  
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### Purpose

This routine provides a primitive for processing the "\*" and "\*\*" conventions (see BX.8.00 for a description of these conventions). It is a utility routine primarily for the use of the "list" and "files" commands.

### Usage

call listfiles (path, entry, names, count, typesw, namesw, paths, errcode)

```

where dc1 path char (*),           /*input*/
      entry char (*),             /*input*/
      names (*) char(32),         /*output*/
      count fixed,               /*input, output*/
      typesw fixed bin(2),       /*input*/
      namesw fixed bin(1),       /*input*/
      paths (*) char (*),        /*output*/
      errcode fixed;             /*output*/
  
```

Listfiles will search directory `path` for `entry`, where the entry may contain `\*` or `\*\*` as any of its components. Any matching names will be placed in the `names` array starting at count +1. `Typesw` indicates the return of branches and links (0), branches only (1), or links only (2). If links only are requested their associated paths will be returned in the `paths` array. `Namesw` indicates the return of all matching names (1) or only the first matching name on each entry (0). Directory entries will be returned with trailing ">".