

```
find-element(Text,[tag(Text,D1)|R],[tag(Text,D1)|Q):-!,
  find-element(Text,R,Q).
```

```
find-element(Text,[tag(_,D1)|R],Q):-find-element(Text,D1,A),find-element(Text,R,B),!,
  append(A,B,Q).
```

```
find-element(Text,[_|R],Q):-find-element(Text,R,Q).
```

```
find-element(_,[],[]).
```

```
xml([tag(book,b1),tag(paper,p1),tag(book,b2)]).
```

```
xml([tag(books,[tag(book,b1),tag(documents,[tag(paper,p3),tag(book,a22)]),tag(book,a22)])]).
```

```
fact(0,1):-!.
```

```
fact(X,Y):-X1 is X-1, fact(X1,Y1), Y is Y1*X.
```