

```

1 function [coordx, coordy, datax, datay] = scanfile(filename, pathname)
2
3     name = sprintf('%s%s', ...
4                   pathname, ...
5                   filename);
6
7     if (~ exist(name, 'file'))
8         error(sprintf('scanfile : Fichier %s inexistant \n', name));
9     return;
10 end
11
12 try
13     data = importdata(sprintf('%s%s', ...
14                             pathname, ...
15                             filename), ...
16                       ' ', ...
17                       3);
18
19     datax = data.data(:,3);
20     datay = data.data(:,4);
21
22     coordx = data.data(:,1);
23     coordy = data.data(:,2);
24
25 catch
26     error(sprintf('scanfile : Erreur lors de la lecture du fichier %s \n', name));
27 end
28 end

```