Lua note 1227

1. lua Get a string from a file

1. function ReadFile(par)
2. local ret = nil;
3. local path = par;
4. local f = io.open(path, "r");
5. if f == nil then return nil, "failed to open file"; end
6. ret = f:read("\*all");
7. f:close();
8. return ret;
9. end

write string to a file

1. function WriteFile(par,str)
2. local ret = nil;
3. local path = par;
4. local f = io.open(path, "w");
5. if f == nil then return nil, "failed to open file"; end
6. ret = f:write(tostring(str));
7. f:close();
8. end
9. add content to a file
10. function UpdateFile(par,str)
11. local ret = nil;
12. local path = par;
13. local f = io.open(path, "a+");
14. if f == nil then return nil, "failed to open file"; end
15. ret = f:write(tostring(str));
16. f:close();
17. end

split a string.

1. -- parameter:string, split mark
2. – return a table

1. function lua\_string\_split(str, split\_char)
2. local sub\_str\_tab = {};
3. while (true) do
4. local pos = string.find(str, split\_char);
5. if (not pos) then
6. sub\_str\_tab[#sub\_str\_tab + 1] = str;
7. break;
8. end
9. local sub\_str = string.sub(str, 1, pos - 1);
10. sub\_str\_tab[#sub\_str\_tab + 1] = sub\_str;
11. str = string.sub(str, pos + 1, #str);
12. end
14. return sub\_str\_tab;
15. --首先寻找分隔符，没有的话将str放入表中
16. First find the split mark. If cannot find it then put all the string in the table, else put the string before the split mark in the table then make str equal to the string after the mark.
17. Loop this process.