

[Help](#)

```
#ifndef _TOOLS_H
#define _TOOLS_H

int Iterate(Planning *pt_plan,Iterator* pt_itera
    tor,int count,char action,Model*pt_model,Option*pt
    _option,Pricing *pt_pricing,PricingMethod* pt_
    method,
        DynamicTest*pt_test,int user,
        TimeInfo*pt_time_info);
void Action(char action,Model*pt_model,Option*pt_
    option,Pricing *pt_pricing,PricingMethod* pt_
    method,
        DynamicTest*pt_test,int user,Planni
    ng *pt_plan,TimeInfo*pt_time_info);

int OutputFile(FILE **pt_file);
void InputMode(int *pt_user);

char ChooseAction(void);
int MoreAction(int *count);

int SelectModel(int user,Planning *pt_plan,Model
    * *listmod,Model **mod);
int SelectOption(int user,Planning *pt_plan,Fami
    ly **listopt,Model* pt_model,Pricing **pricing,
    Option **opt);
int MatchingPricing(int user,Model *pt_model,Opti
    on *pt_option,Pricing **pricing);
int SelectPricing(int user,Model *pt_model,Option
    *pt_option,Pricing **family,Pricing **result);
int SelectMethod(int user,Planning *pt_plan,Pric
    ing *pt_pricing, Option *opt,Model *mod,Pricing
    Method **met);
int SelectTest(int user,Planning *pt_plan,Pricing
    *pt_pricing, Option *opt,Model *mod,Pricing
    Method *met,DynamicTest **test);

void BuildGnuStuff(Planning plan,Model* pt_model,
    Option *pt_option,Pricing *pt_pricing,Pricing
    Method **pt_method);
```

```
int  make_titles_file(char *name,Model* pt_model,
    Option* pt_option, Pricing *pt_pricing, Pricing
    Method **pt_method, int metno);
void begin_tex_file(FILE *f_tex);
void end_tex_file(FILE *f_tex);
void begin_gnu(FILE *fp);
void FurtherMsg(void);

void WellcomeMsg(int user);
int NextSession(Planning *pt_plan,char action,
    int user);

void FreeTest(DynamicTest *test);
void BuildGnuStuffTest(Model* model,Option* opti
    on, Pricing* pricing, PricingMethod* method ,Dyna
    micTest* test);

#endif
```

References