

# Mission

Code

```
enum                                                                                               MissionState
{
  MISSION_RUNNING, //                                läuft
  MISSION_SUCCEEDED, //                            gewonnen
  MISSION_FAILED //                                verloren
};
```

Code

```
enum                                                                                               ActionCallbackResult
{
  ACTION_CONTINUE,
  ACTION_SKIP,
  ACTION_CLEAR
};
```

Code

```
enum                                                                                               PathFinishedAction
{
  PATH_DEFAULT,
  PATH_DELETE,
  PATH_RESTART,
  PATH_STOP
};
```

Code

```
enum                                                                                               MoveCollCheck
{
  MCC_HALT_CONTINUE, // default: on collision stop moving the object, but don't stop action
  MCC_IGNORE_CONTINUE, // ignore collision (move on) and continue action
  MCC_HALT_DONE, // stop moving and remove action
  MCC_IGNORE_DONE, // continue moving (for this step) and remove action
  MCC_HALT_CLEARLIST, // stop moving and clear action list
  MCC_IGNORE_CLEARLIST // continue moving (for this step) and clear action list
};
```

Code

```

namespace Mission
{
    struct MissionScoring
    {
        float PersonResult;
        float ThingsResult;
        float BudgetResult;
        float TimeResult;
        float Efficiency;
    };

    void AddObjective(const char *Name_, const char *OpenComment_, const char *AccomplishedComment_, const char *State_);
    void AddObjectivePlayComment(const char *Name_, const char *OpenComment_, const char *AccomplishedComment_, const char *State_);
    void RemoveObjective(const char *Name_);
    void RemoveAllObjectives();
    bool HasObjective(const char *Name_);
    void SetObjectiveAccomplished(const char *Name_, bool State_);
    bool IsObjectiveAccomplished(const char *Name_);
    bool AllObjectivesAccomplished();
    int GetNumObjectivesAccomplished();
    int GetNumObjectivesNotAccomplished();

    bool IsDefaultLogicPositive();
    bool IsDefaultLogicNegative();

    bool StartSingleTimer(const char *Name_, float TimeOut_, bool usePhysicsTicks_ = false);
    bool StartIntervalTimer(const char *Name_, float TimeOut_, bool usePhysicsTicks_ = false);
    bool StopTimer(const char *Name_);
    bool PauseTimer(const char *Name_);
    bool ResumeTimer(const char *Name_);
    float ModifyTimeOut(const char *TimerName_, float TimeDifference_);
    bool TimerIsStarted(const char *name_);

    int GetCounter(const char *Counter_);
    int IncCounter(const char *Counter_, int Amount_ = 1);
    int DecCounter(const char *Counter_, int Amount_ = 1);
    int SetCounter(const char *Counter_, int Value_);
    void ResetCounters();

    void StartCutScene(bool useCamLimitsForTransition_ = true);
    void EndCutScene(bool restoreOldCamLocation_ = false, float restoreTransitionDuration_ = 0.0f);
    bool IsCutSceneRunning();
    void ShowBlackBars(float duration_ = 0.0f);
    void HideBlackBars(float duration_ = 0.0f);
    void CloseBlackBars(float duration_ = 0.0f, float blackDuration_ = 3.0f);

    void PlayHint(const char *HintText, const char *SoundFile = NULL);
    void ShowMessageTickerText(const char *Text_, float Red_ = 1.0f, float Green_ = 1.0f, float Blue_ = 1.0f);
    void PlayComment(const char *commentFile_);
    bool IsCommentPlaying();
    int GetMissionTime();
    int GetMoneyLeft();
    void SetMoney(int Amount_);
    const char *GetDefaultCommentForEfficiency(float efficiency_);

    void StartCountDown(int Seconds_);
    void PauseCountDown();
    void ResumeCountDown();
    void StopCountDown();
    int GetCountDownSeconds();
    void SetCountDownColor(float red_, float green_, float blue_);
};

```

Alles anzeigen

## Code

```
class MissionScript
{
    MissionScript(const char *Class_, const char *Object_);
    virtual ~MissionScript();
};
```