DataControllerEngine | +Create(int32 type) : static DataControllerEngine +Init(): static void +Dest(): static void +Release()=0 : virtual void +InitParam(list<base::ConnAddr>*addrlis ← t)=0: virtual void +ReadData(const int32 type,base_logic::Value* value,void(*storage_get)(void*, base_logic::Value*))=0 : virtual bool +WriteData(const int32 type,base_logic::Value* value)=0 : virtual bool LoginSchdulerManager -lock_ : struct threadrw_t* -login_cache_ : LoginSchdulerCache* -login_db_ : login_logic::LoginDB* +Init(login_logic::LoginDB* login_db): void +SetBatchCookies(): void +CheckBatchCookie(const int64 plat_id): LoginSchdulerCache +SetBacthCookie(const int64 plat_id,const int64 from) : void +cookie_map_: map<int64, +FectchBacthCookies(const int64 CookiePlatform> plat_id,const int64 count,list
base_logic::LoginCookie>* list) :bool +FecthAndSortCookies(const int64 count,const list
base_logic::LoginCookie>& src_list,list<base_logic::LoginCookie>*dst _list) : void -SetCookie(const base_logic::LoginCookie& info) : void -Init(): void LoginSchdulerEngine - *schduler_mgr_ : static LoginSchdulerManager - *schduler_engine_ : static +GetLoginSchdulerManager(): static

LoginSchdulerManager*

LoginSchdulerEngine*

+GetLoginSchdulerEngine(): static

-mysql_engine_: scoped_ptr<base_logic::DataControllerEn +GetCookie(list<base_logic::LoginCookie> *cookie_list,attr_id id) : bool

+GetCookie(list<base_logic::LoginCookie> *cookie_list,const int64 id,const int64 from,const int64 count=100) : bool +GetCookies(list<base_logic::LoginCookie >*cookie_list) : bool

+CallBackGetCookie(void* param,base_logic::Value* value) : static void

+CallBackGetCookies(void* param,base_logic::Value* value) : static

Loginlogic

LoginDB

- *instance_ : static Loginlogic
- + *GetInstance(): static Loginlogic
- + FreeInstance(): static void
- + OnLoginConnect(struct server *
- srv,const int socket): bool
- + OnLoginMessage(struct server * srv,const int socket,const void
- *msg,const int len) : bool
- + OnLoginClose(struct server * srv,const
- int socket): bool
- + OnBroadcastConnect(struct server
- *srv,const int socket,const void
- *data,const int len) : bool
- + OnBroadcastMessage(struct server *
- srv,const int socket,const void *data,const int len): bool
- + OnBroadcastClose(struct server
- *srv,const int socket) : bool
- + OnIniTimer(struct server *srv) : bool + OnTimeout(struct server *srv,char
- *id,int opcode,int time) : bool
- + OnDeliverCookies(struct server* srv,int
- socket,struct PacketHead *packet,const void *msg = NULL,int32 len = 0) : bool - Init() : bool

LoginCookie

+set_cookie_attr_id(const int64 id) : void +set_cookie_body(const string& cookie_body) : void +set_is_read(bool IsRead) : void +is_over_time(time_t appoint_time): bool +update_send_time(time_t

appoint_time) : void

+update_time() : void

- +send_last_time() const : const time_t +get_cookie_attr_id() const : const int64
- +get_cookie_body() const : const string& +get_is_read() const : const bool
- +get_update_time() const : const time_t
- +cmp(const LoginCookie& t_login_cookie,const LoginCookie&
- r_login_cookie) : static inline bool +ValueSerialization(base_logic::Dictionar
- yValue* dict) : void

Data

+cookie_id_ : int64

+cookie_attr_id_ : int64 +send_last_time_ : time_t

- +update_last_time_ : time_t
- +cookie_body : string
- +is_read : bool
- +is_first : bool -refcount_: int
- +AddRef(): void +Release() : void

TaskTimeManager -schduler_mgr_: crawler_task_logic::TaskSchdulerManage -task_db_ : scoped_ptr<crawler_task_logic::CrawlerT askDB> +TaskTimeEvent(int opcode,int time): void -TimeFetchTask(): void -TimeCheckTask(): void -TimeFechTempTask(): void -CleanNoEffectCrawler(): void CrawlerTasklogic CrawlerTaskDB -instance_ : static CrawlerTaskLogic* -task_db_: -mysql_engine_: scoped_ptr<crawler_task_logic::CrawlerT</pre> scoped_ptr<base_logic::DataControllerEn askDB> gine> -task_time_mgr_: +FecthBatchTask(list<base logic::TaskInf scoped_ptr<crawler_task_logic::TaskTim o>* list) : bool eManager> +FectchBatchTempTask(list<base_logic::T -crawler_schduler_engine_ : askInfo>*list) : bool crawler_schduler::SchdulerEngine* +RecordTaskState(base_logic::TaskInfo& +GetInstance(): static CrawlerTasklogic* task,const int32 type) : bool +FreeInstance(): static void +CallBackFectchBatchTask(void* +OnTaskConnect(struct server *srv,const param,base_logic::Value* value) : static int socket) : bool +OnTaskMessage(struct server *srv,const +CallBackFectchBatchTempTask(void* int socket,const void *msg,const int len) : param,base_logic::Value* value) : static bool void +OnTaskClose(struct server *srv,const int socket): bool +OnBroadcastConnect(struct server *srv,const int socket, const void *data,const int len): bool +OnBroadcastMessage(struct server *srv,const int socket,const void *msg,const int len): bool FileConfig +OnBroadcastClose(struct server *srv,const int socket): bool -config_ : static FileConfig* +OnIniTimer(struct server *srv) : bool +mysql_db_list_ : list<bas e::ConnAddr> +OnTimeout(struct server * srv,char * +mem_list_ : list<base::ConnAddr> id,int opcode,int time) : bool +redis_list_ : list<base::ConnAddr> -Init(): bool +mssql_db_list_ : list<base::ConnAddr> +certificate_path_: string InitTask(crawler_task_logic::TaskSchduler +idp_url_: string Manager* schduler_mgr) : void +sp_url_: string -TimeDistributionTask(): void +mood_path_: string -TimeFetchTask(): void +style_path_: string -ReplyTaskState(struct server* srv,int +usr_local_music_path_: string socket,struct PacketHead *packet, const +host_: string void *msg=NULL,int32 len=0) : void +port_: string -ReplyCrawlNum(struct server* srv,int +LoadConfig(string& path): bool socket,struct PacketHead *packet,const +GetFileConfig(): static FileConfig* void *msg=NULL,int32 len=0) : void

SchdulerEngine

-memberName

- +SetSchduler(const int32 id,void*
- schduler) : virtual bool
- +SetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler* schduler): virtual bool
- +GetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler*
- schduler) : virtual bool
- +DelCrawlerSchduler(const int32 id): virtual bool
- +FindCrawlerSchduler(const int
- socket,base logic::CrawlerScheduler* schduler): vitual bool
- +CloseCrawlerSchduler(const int socket):
- virtual bool
- +SetRecvTime(const int socket): virtual
- +SetSendTime(const int socket): virtual
- +CheckHeartPacket(void): virtual bool
- +SendOptimalCrawler(): virtual bool
- +CheckOptimalCrawler(): virtual bool
- +SetSendErrorCount(int socket): virtual
- +SetRecvErrorCount(int socket): virtual
- +CheckIsEffective(): virtual void

SchdulerEngineImpl

-memberName

- +SetSchduler(const int32 id,void*
- schduler): bool
- +SetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler*
- schduler): bool
- +GetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler*
- schduler) : bool
- +DelCrawlerSchduler(const int32 id):
- +FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler*
- schduler) : bool
- +CloseCrawlerSchduler(const int socket)
- +SetRecvTime(const int socket): bool +SetSendTime(const int socket) : bool
- +CheckHeartPacket(): bool
- +SendOptimalCrawler(const void* data,const int32 len): bool
- +CheckOptimalCrawler(): bool
- +SetSendErrorCount(int socket) : bool
- +SetRecvErrorCount(int socket) : bool
- +CheckIsEffective(): void

CrawlerSchdulerCache

+crawler_schduler_map_: SCHDULER_MAP +socket_schduler_map_ : SOCKET_MAP +crawler_schduler_list_ : SCHDULER_LIST

CrawlerScheduler

+set_id(const int32 id) : void +set_socket(const int socket) : void +set_ip(const std::string& ip) : void +set_new_task_count(const int32 task count): void +set_del_task_count(const int32 task_count) : void +add_task_count() : void +set_mac(const std::string& mac) : void +set_password(const std::string& password) : void +set_recv_last_time(const time_t recv_last_time) : void +set_send_last_time(const time_t send_last_time) : void +set_is_effective(bool is_effective) : void +add_send_error_count(): void +add_recv_error_count(): void +id() const : const int32 +task_count() const : const int64 +socket() const : const int +send_last_time() const : const time_t +recv_last_time() const : const time_t +send_error_count() const : const int32 +is_effective() const : const bool ip() const : const string& +mac() const : const string& +password() const : const string& +cmp(const CrawlerScheduler& t_scheduler,const CrawlerScheduler&

+id_: int32 +task_count_ : int64 +send_error_count_: int32 +recv_error_count_: int32 +is_effective_ : bool +send_last_time_: time_t +recv_last_time_: time_t +socekt_: int +ip_: string +password : string +mac_: string -refcount_: int +AddRef(): void

+Release(): void

r_scheduler) : static inline bool

CrawlerSchdulerManager

-lock_ : struct threadrw_t* -schduler_cache_: CrawlerSchdulerCache*

+SetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : bool

+GetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler*

schduler) : bool

+DelCrawlerSchduler(const int32 id) :

+FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler* <--

schduler) : bool +CloseCrawlerSchduler(const int socket): bool

+SetRecvTime(const int socket) : bool

+SetSendTime(const int socket): bool +CheckHeartPacket(): bool

+SendOptimalCrawler(const void* data,

const int32 len): bool +CheckOptimalCrawler(): bool

+SetSendErrorCount(int socket) : bool

+SetRecvErrorCount(int socket) : bool

+CheckIsEffective(): void

-Init(): void

+GetFindCache():

CrawlerSchdulerCache*

SchdulerEngineImpl

-memberName

+SetSchduler(const int32 id,void*

schduler) : bool

+SetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler*

schduler) : bool

+GetCrawlerSchduler(const int32

id,base_logic::CrawlerScheduler*

schduler) : bool

+DelCrawlerSchduler(const int32 id):

bool

+FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler*

schduler) : bool

+CloseCrawlerSchduler(const int socket):

bool

+SetRecvTime(const int socket) : bool

+SetSendTime(const int socket): bool

+CheckHeartPacket(): bool +SendOptimalCrawler(const void* data,

const int32 len) : bool

+CheckOptimalCrawler(): bool

+SetSendErrorCount(int socket) : bool

+SetRecvErrorCount(int socket): bool

+CheckIsEffective(): void

CrawlerSchdulerEngine

-schduler_mgr_ : static CrawlerSchdulerManager* -schduler_engine_ : static CrawlerSchdulerEngine*

+GetCrawlerSchdulerManager(): static CrawlerSchdulerManager* +GetCrawlerSchdulerEngine(): static

CrawlerSchdulerEngine* +

SchdulerEngine

+SetSchduler(const int32 id,void* schduler) : virtual bool +SetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +GetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +DelCrawlerSchduler(const int32 id): virtual bool

+FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler*

schduler) : virtual bool +CloseCrawlerSchduler(const int socket): virtual bool

+SetRecvTime(const int socket): virtual

+SetSendTime(const int socket): virtual

+CheckHeartPacket(void): virtual bool +SendOptimalCrawler(const void* data, const int32 len) : virtual bool

+CheckOptimalCrawler(): virtual bool +SetSendErrorCount(int socket): virtual

+SetRecvErrorCount(int socket): virtual

+CheckIsEffective(): virtual void

TaskSchdulerManager AnalyticalTasklogic -lock_ : struct threadrw_t* -instance_ : static AnalyticalTasklogic* -task_cache_ : TaskSchdulerCache* -task_db_: -analytical_schduler_engine_ : scoped_ptr<analytical_task_logic::Analyti analytical_schduler::SchdulerEngine* SchdulerEngine calTaskDB> -analytical_count_ : int32 -task_time_mgr_: -memberName +Init(analytical_schduler::SchdulerEngine scoped_ptr<analytical_task_logic::TaskTi * analytical_engine) : void +SetSchduler(const int32 id, void* meManager> +FetchBatchStorage(std::list<base_logic:: schduler) : virtual bool -analytical_schduler_engine_: StorageInfo>* list) : void +SetAnalyticalSchduler(const int32 analytical_schduler::SchdulerEngine* +RemoveAnalyticalStorage(const int64 id,base_logic::AnalyticalSchduler* +GetInstance(): static id): bool schduler) : virtual bool AnalyticalTasklogic* +DistibutionHBase(): bool +GetAnalyticalSchduler(const int32 +FreeInstance(): static void +SwapRemoveStorage(std::list<base_logi id,base_logic::AnalyticalSchduler* +OnAnalyticalTaskConnect(struct server c::StorageInfo>* list,bool is_clean = schduler) : virtual bool *srv, const int socket) : bool true) : void +DelAnalyticalSchduler(const int32 id): +OnAnalyticalTaskMessage(struct server +CheckIsEffective(): void virtual bool *srv, const int socket,const void *msg, -Init(): void +FindAnalyticalSchduler(const int const int len): bool socket,base_logic::AnalyticalSchduler* +OnAnalyticalTaskClose(struct server schduler) : virtual bool *srv, const int socket): bool +CloseAnalyticalSchduler(const int +OnBroadcastConnect(struct server *srv, socket): virtual bool const int socket, const void *data, const +SetRecvTime(const int socket): virtual int len) : bool +OnBroadcastMessage(struct server *srv, +SetSendTime(const int socket): virtual TaskTimeManager const int socket, const void *msg, const int len): bool +CheckHeartPacket(void): virtual bool +OnBroadcastClose(struct server *srv, -schduler_mgr_ : +SendOptimalAnalytical(const void* data, analytical_task_logic::TaskSchdulerMana const int socket) : bool const int32 len) : virtual bool +OnIniTimer(struct server *srv) : bool +CheckOptimalAnalytical(): virtual bool -task_db_: +OnTimeout(struct server *srv, char* id, +SetSendErrorCount(int socket) : virtual scoped_ptr<analytical_task_logic::Analyti int opcode, int time) : bool calTaskDB> -Init(): bool +SetRecvErrorCount(int socket): virtual +TaskTimeEvent(int opcode, int time): InitTask(analytical_task_logic::TaskSchdul void +CheckIsEffective(): virtual void erManager* schduler_mgr) : void -TimeFetchHBase(): void -ReplyAnalyticalState(struct server* srv, -CleanNoEffectAnalytical(): void int socket, struct PacketHead *packet, const void *msg = NULL,int32 len = 0) :

AnalyticalTaskDB

- -mysql_engine_: scoped_ptr<base_logic::DataControllerEn
- +FetchBatchStorage(std::list<base_logic:: StorageInfo>* list,const int32 type = 1):
- +UpdateStorageState(std::list<base_logic
- ::StorageInfo>* list) : bool
- +CallBackFectchBatchStorage(void* param,base_logic::Value* value) : static
- void

DataControllerEngine

- +Create(int32 type) : static
- DataControllerEngine
- +Init(): static void
- +Dest(): static void +Release()=0 : virtual void
- +InitParam(list<base::ConnAddr>*addrlis
- t)=0 : virtual void
- +ReadData(const int32
- type,base_logic::Value* value,void(*storage_get)(void*,
- base_logic::Value*))=0 : virtual bool
- +WriteData(const int32
- type,base_logic::Value* value)=0 : virtual
- bool

AnalyticalSchdulerCache

```
+analytical_schduler_map_:
SCHDULER_MAP
+socket_schduler_map_ : SOCKET_MAP
+analytical_schduler_list_:
ANALYTICAL_LIST
```

AnalyticalSchduler

-memberName

+set_id(const int32 id) : void +set_task_count(const int64

task_count) : void

+set_send_error_count(const int32 send_error_count) : void

+set_socket(const int socket) : void

+set_ip(const std::string& ip) : void

+set_password(const std::string& password) : void

+set_mac(const std::string& mac) : void

+set_is_effective(bool is_effective) : void +id() const : const int32

+task_count() const : const int64

+send_error_count() const : const int32

+recv_last_time() const : const int64

+send_last_time() const : const int64

+socket() const : const int +ip() const : const string&

+password() const : const string&

+mac() const : const string&

+is_effective() const : const bool

+set_recv_last_time(const time_t recv_last_time) : void

+set_send_last_time(const time_t

send_last_time) : void

+set_new_task_count(const int32

task_count) : void

+add_task_count(): void

+add_send_error_count(): void

+add_recv_error_count(): void

+cmp(const AnalyticalSchduler& t_scheduler,const AnalyticalSchduler&

r_scheduler) : static inline bool

+id_: int32 +task_count_: int64

+send_error_count_: int32 +recv_error_count_: int32

+is_effective_ : bool +send_last_time_ : time_t

+recv_last_time_: time_t

+socket_: int

+ip_ : string

+password_: string

+mac_: string

-refcount_: int +AddRef(): void

+Release() : void

AnalyticalSchdulerManager

-lock_ : struct threadrw_t*

-schduler_cache_:

AnalyticalSchdulerCache* +SetAnalyticalSchduler(const int32

id,base_logic::AnalyticalSchduler*

schduler) : bool +GetAnalyticalSchduler(const int32

id,base_logic::AnalyticalSchduler*

schduler) : bool +DelAnalyticalSchduler(const int32 id):

bool

+FindAnalyticalSchduler(const int socket,base_logic::AnalyticalSchduler*

+CloseAnalyticalSchduler(const int

socket) : bool +SetRecvTime(const int socket) : bool

+SetSendTime(const int socket): bool +CheckHeartPacket(): bool

+SendOptimalAnalytical(const void* data,

const int32 len) : bool +CheckOptimalAnalytical(): bool

+SetSendErrorCount(int socket) : bool

+CheckIsEffective(): void

-Init(): void

schduler) : bool

+GetFindCache(): AnalyticalSchdulerCache*

SchdulerEngineImpl

-memberName

SetSchduler(const int32 id, void*

schduler) : bool

SetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler*

schduler) : bool

GetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler*

schduler) : bool

DelAnalyticalSchduler(const int32 id):

bool

FindAnalyticalSchduler(const int socket,base_logic::AnalyticalSchduler*

schduler) : bool CloseAnalyticalSchduler(const int

socket) : bool

SetRecvTime(const int socket): bool

SetSendTime(const int socket): bool

AnalyticalSchdulerEngine

-schduler_mgr_ : static

AnalyticalSchdulerManager* -schduler_engine_ : static

AnalyticalSchdulerEngine*

AnalyticalSchdulerEngine* +GetCrawlerSchdulerManager(): static

AnalyticalSchdulerManager* +GetCrawlerSchdulerEngine(): static

SchdulerEngine

-memberName

+SetSchduler(const int32 id, void*

schduler) : virtual bool

+SetAnalyticalSchduler(const int32

id,base_logic::AnalyticalSchduler*

schduler) : virtual bool +GetAnalyticalSchduler(const int32

id,base_logic::AnalyticalSchduler* schduler) : virtual bool

+DelAnalyticalSchduler(const int32 id):

virtual bool

+FindAnalyticalSchduler(const int

socket,base_logic::AnalyticalSchduler* schduler) : virtual bool

+CloseAnalyticalSchduler(const int

socket): virtual bool +SetRecvTime(const int socket): virtual

bool +SetSendTime(const int socket): virtual

bool +CheckHeartPacket(void): virtual bool

+SendOptimalAnalytical(const void* data,

const int32 len) : virtual bool +CheckOptimalAnalytical(): virtual bool +SetSendErrorCount(int socket): virtual

+SetRecvErrorCount(int socket): virtual

+CheckIsEffective(): virtual void

ForgeryManager

-lock_ : struct threadrw_t* -forgery_cache_ : ForgeryCache*

+Init(): void

+FetchBatchIP(std::list<base_logic::Forge ryIP>* list) : void

+FetchBatchUA(std::list<base_logic::Forg eryUA>* list) : void

+RestBatchIP(std::list<base_logic::Forger

yIP>* list) : void +SendProxyIP(const int socket, const int8

num) : void +SendForgeryUA(const int socket, const int8 num) : void

StorageEngine

+Create(int32 type) : static

StorageEngine*

+Connections(std::list<base::ConnAddr>

& addrlist) : virtual bool

+Rekease(): virtual bool

DBStorageEngine

-memberName

+Create(int32 type) : static

DBStorageEngine*

+Release(): virtual bool

+SQLExec(const char* sql) : virtual bool +StoredProcedure(): virtual bool

+AddSPName(const char* sp_name):

virtual bool

+AddSPParam(const int32 var,const int32

type,const char* name,void*param,const ←

int32 outstrlen = 0) : virtual bool +CheckAffect(const int32 index,const

char* name) : virtual bool

+Affected(unsigned long& rows): virtual

bool +RecordCount(): virtual uint32

+FreeRes(): virtual bool

+FetchRows(void) : virtual db_row_t*

+CheckConnect(void) : virtual bool +GetEntry(db_row_t *row,int cloidx):

virtual char*

+GetResult(int colidx): virtual char*

ForgeryDB

-mysql_engine_:

scoped_ptr<base_logic::DataControllerEn

+FectchBatchForgeryIP(std::list<base_logi

c::ForgeryIP>* list) : bool

+FectchBatchForgeryUA(std::list<base_lo gic::ForgeryUA>* list) : bool

+CallBackFectchBatchForgeryIP(void* param,base_logic::Value* value) : static

+CallBackFectchBatchForgeryUA(void* param,base_logic::Value* value) : static

DataControllerEngine

+Create(int32 type) : static

DataControllerEngine +Init(): static void

+Dest(): static void

+Release()=0 : virtual void

+InitParam(list<base::ConnAddr>*addrlis ←

t)=0 : virtual void

bool

+ReadData(const int32

type,base_logic::Value*

value,void(*storage_get)(void*, base_logic::Value*))=0 : virtual bool

+WriteData(const int32

type,base_logic::Value* value)=0 : virtual

Forgerylogic

-instance_: static Forgerylogic*

-forgery_db_ :

scoped_ptr<forgery_logic::ForgeryDB> -schduler_engine_

crawler_schduler::SchdulerEngine*

+GetInstance(): static Forgerylogic*

+FreeInstance(): static void +OnForgeryConnect(struct server *srv,

const int socket) : bool

+OnForgeryMessage(struct server *srv,

const int socket, const void *msg, const int len) : bool

+OnForgeryClose(struct server *srv, const int socket) : bool

+OnBroadcastConnect(struct server *srv, const int socket, const void *data, const

int len) : bool

+OnBroadcastMessage(struct server *srv, const int socket, const void *msg, const

int len): bool +OnBroadcastClose(struct server *srv,

const int socket): bool +OnIniTimer(struct server *srv) : bool

+OnTimeout(struct server *srv, char* id,

int opcode, int time) : bool

-OnGetForgeInfo(struct server* srv, int socket, struct PacketHead *packet, const

void *msg = NULL,int32 len = 0) : bool

+PacketStream(const struct PacketHead*

PacketHead** packet_head) : static bool

+HexEncode(const void* bytes, size_t

+DumpPacket(const struct PacketHead*

PacketHead* packet_head) : static void +ClearHBaseAnalyticalTaskList(struct PacketHead* packet_head) : static void

PacketHead* packet head): static void -CompressionStream(const uint8* unzip_data, uint64 unzip_len,uint8**

-DecompressionStream(const uint8* zip_data, uint64 zip_len,uint8** unzip_data): static uint64

packet_head,void** packet_stream, int32* packet_stream_length) : static

+UnpackStream(const void* packet_stream, int32 len,struct

packet_head) : static void

+ClearCrawlerTaskList(struct

+ClearLoginCookieList(struct

zip_data) : static uint64

size): static void

-Init() : bool

PacketProsess

bool

SchdulerEngine

-memberName

+SetSchduler(const int32 id, void*

schduler) : virtual bool

+SetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler*

schduler) : virtual bool

+GetAnalyticalSchduler(const int32

id,base_logic::AnalyticalSchduler*

schduler) : virtual bool

+DelAnalyticalSchduler(const int32 id):

virtual bool

+FindAnalyticalSchduler(const int

socket,base_logic::AnalyticalSchduler* schduler) : virtual bool

+CloseAnalyticalSchduler(const int

socket): virtual bool

+SetRecvTime(const int socket): virtual bool

+SetSendTime(const int socket): virtual bool

+CheckHeartPacket(void): virtual bool

+SendOptimalAnalytical(const void* data, const int32 len) : virtual bool

+CheckOptimalAnalytical(): virtual bool +SetSendErrorCount(int socket) : virtual

+SetRecvErrorCount(int socket): virtual

bool

bool

+CheckIsEffective(): virtual void

TaskTimeManager

-schduler_mgr_:

crawler_task_logic::TaskSchdulerManage

-task_db_:

scoped_ptr<crawler_task_logic::CrawlerT</pre>

+TaskTimeEvent(int opcode,int time):

-TimeCheckTask(): void

-TimeFechTempTask(): void -CleanNoEffectCrawler(): void

void -TimeFetchTask(): void

CrawlerScheduler

+set_id(const int32 id) : void +set_socket(const int socket) : void +set_ip(const std::string& ip) : void +set_new_task_count(const int32 task_count) : void +set_del_task_count(const int32 task_count) : void +add_task_count() : void +set_mac(const std::string& mac) : void +set_password(const std::string& password): void +set_recv_last_time(const time_t recv_last_time) : void +set_send_last_time(const time_t send_last_time) : void +set_is_effective(bool is_effective) : void +add_send_error_count() : void +add_recv_error_count() : void +id() const : const int32 +task_count() const : const int64 +socket() const : const int +send_last_time() const : const time_t +recv_last_time() const : const time_t +send_error_count() const : const int32 +is_effective() const : const bool ip() const : const string& +mac() const : const string& +password() const : const string& +cmp(const CrawlerScheduler& t_scheduler,const CrawlerScheduler& r_scheduler) : static inline bool

Data

+id_: int32 +task_count_: int64 +send_error_count_: int32 +recv_error_count_: int32 +is_effective_ : bool +send_last_time_: time_t +recv_last_time_: time_t +socekt_: int +ip_ : string +password_: string +mac_: string -refcount_: int +AddRef(): void +Release(): void

ManagerDB

-mysql_engine_: scoped_ptr<base_logic::DataControllerEn</pre>

+CrawlerManagerLogin(void* data): bool +AnalyticalManagerLogin(void* data): bool

+CallBackManagerLogin(void* param,base_logic::Value* value) : static void

DataControllerEngine

+Create(int32 type) : static DataControllerEngine +Init(): static void +Dest(): static void +Release()=0 : virtual void +InitParam(list<base::ConnAddr>*addrlis ← t)=0 : virtual void +ReadData(const int32 type,base_logic::Value*

value,void(*storage_get)(void*,

+WriteData(const int32

bool

base_logic::Value*))=0 : virtual bool

type,base_logic::Value* value)=0 : virtual

Managerlogic

-instance : static Managerlogic* -manager_db_: scoped ptr<manager logic::ManagerDB> -crawler_schduler_engine_ : crawler_schduler::SchdulerEngine* -analytical_schduler_engine_: analytical_schduler::SchdulerEngine* -redis_engine_: scoped_ptr<base_logic::DataControllerEn</pre> gine>

+GetInstance(): static Managerlogic* +FreeInstance : static void +OnManagerConnect(struct server *srv, const int socket): bool +OnManagerMessage(struct server *srv, const int socket, const void *msg, const int len): bool +OnManagerClose(struct server *srv, const int socket) : bool +OnBroadcastConnect(struct server *srv, const int socket, const void *data, const int len): bool +OnBroadcastMessage(struct server *srv, const int socket, const void *msg, const int len): bool +OnBroadcastClose(struct server *srv, const int socket): bool +OnIniTimer(struct server *srv) : bool +OnTimeout(struct server *srv, char* id, int opcode, int time): bool -OnCrawlerReg(struct server* srv, int socket,struct PacketHead *packet, const void *msg = NULL,int32 len = 0) : bool -OnAnalyticalReg(struct server* srv, int socket,struct PacketHead *packet, const void *msg = NULL,int32 len = 0) : bool -OnGetMachineHardInfo(struct server* srv, int socket,struct PacketHead* packet, const void *msg = NULL,int32 len = 0):

-OnTemplateReg(const char* mac, const char* password, const int socket,const int32 type, const int64 session_id): bool -Init(): bool

PacketProsess

+PacketStream(const struct PacketHead* packet_head,void** packet_stream, int32* packet_stream_length) : static bool +UnpackStream(const void* packet_stream, int32 len,struct PacketHead** packet head): static bool +HexEncode(const void* bytes, size_t size) : static void +DumpPacket(const struct PacketHead* packet_head) : static void +ClearCrawlerTaskList(struct PacketHead* packet_head) : static void +ClearHBaseAnalyticalTaskList(struct PacketHead* packet_head) : static void +ClearLoginCookieList(struct PacketHead* packet_head) : static void -CompressionStream(const uint8* unzip_data, uint64 unzip_len,uint8** zip_data) : static uint64 -DecompressionStream(const uint8* zip_data, uint64 zip_len,uint8**

unzip_data) : static uint64

SchdulerEngine

-memberName +SetSchduler(const int32 id, void* schduler): virtual bool +SetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler* schduler) : virtual bool +GetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler* schduler) : virtual bool +DelAnalyticalSchduler(const int32 id): virtual bool +FindAnalyticalSchduler(const int socket,base_logic::AnalyticalSchduler* schduler) : virtual bool +CloseAnalyticalSchduler(const int socket): virtual bool +SetRecvTime(const int socket): virtual bool +SetSendTime(const int socket): virtual bool +CheckHeartPacket(void): virtual bool +SendOptimalAnalytical(const void* data, const int32 len): virtual bool +CheckOptimalAnalytical(): virtual bool +SetSendErrorCount(int socket) : virtual bool +SetRecvErrorCount(int socket): virtual

+CheckIsEffective(): virtual void

SendUtils

bool

+SendFull(int socket, const char* buffer, size_t bytes) : static int32 +SendBytes(int socket, const void* bytes, int32 len,const char* file, int32 line): static bool +SendMessage(int socket, struct PacketHead* packet,const char* file, int32 line): static bool

+SendHeadMessage(int socket, int32 operate_code,int32 type, int32 is_zip_encrypt, int64 session,int32 reserved, const char* file, int32 line): static bool

+SendErronMessage(int socket, int32 operate_code,int32 type, int32 is_zip_encrypt, int64 session,int32 reserved, int32 error, const char* file, int32 line) : static bool

StroagerDB

gine>

void

- -mysql_engine_: scoped_ptr<base_logic::DataControllerEn
- +AddStorageInfo(const std::list<struct
- StorageUnit*>& list,const int32 type = 1) : bool
- +GetHBaseInfo(std::list<base_logic::Stora geHBase>* list) : bool
- +RecordTempCrawlerTask(const std::list<base_logic::TaskInfo>& list) :
- bool
- +GetTaskPlatTaskDescription(std::list<bas e_logic::TaskPlatDescription>* list) : bool +CallBackGetHBaseInfo(void*param,base
- _logic::Value* value) : static void +CallBackGetTaskPlatDescription(void* param,base_logic::Value* value) : static

DataControllerEngine

- +Create(int32 type): static
- DataControllerEngine
- +Init(): static void +Dest(): static void
- +Release()=0 : virtual void
- +InitParam(list<base::ConnAddr>*addrlis ←
- t)=0 : virtual void
- +ReadData(const int32
- type,base_logic::Value* value,void(*storage_get)(void*,
- base_logic::Value*))=0 : virtual bool
- +WriteData(const int32
- type,base_logic::Value* value)=0 : virtual
- bool

Storagerlogic

- -instance_ : static Storagerlogic*
- -stroager_db_ :
- scoped_ptr<storager_logic::StroagerDB> -schduler_engine_
- crawler_schduler::SchdulerEngine*
- +InitStorager(storage_logic::ShareDataM
- anager* manager) : void
- +GetInstance(): static Storagerlogic*
- +FreeInstance(): static void
- +OnStoragerConnect(struct server *srv,
- const int socket) : bool +OnStoragerMessage(struct server *srv, const int socket, const void *msg, const
- int len): bool +OnStoragerClose(struct server *srv,
- const int socket): bool
- +OnBroadcastConnect(struct server *srv, const int socket, const void *data, const
- int len): bool
- +OnBroadcastMessage(struct server *srv, const int socket, const void *msg, const
- int len): bool
- +OnBroadcastClose(struct server *srv,
- const int socket) : bool
- +OnIniTimer(struct server *srv) : bool +OnTimeout(struct server *srv, char* id,
- int opcode, int time) : bool
- +StorageMethod(struct server* srv, int socket,struct PacketHead *packet,int32 type = 1,const void *msg = NULL,int32 len
- = 0) : viod
- +GetAnalyticalHBaseInfo(struct server* srv, int socket,struct PacketHead *packet, const void *msg = NULL,int32 len = 0):
- void +GetAnalyticalFTP(struct server* srv, int
- socket,struct PacketHead* packet, const void* msg = NULL,int32 len = 0) : void +TempCrawlerTaskRecord(struct server* srv, int socket,struct PacketHead *packet,
- const void *msg = NULL,int32 len = 0) : void
- -Init(): bool
- -RecordTempCrawlerTask(const std::list<base_logic::TaskInfo>& list) :
- void

PacketProsess

- +PacketStream(const struct PacketHead* packet_head,void** packet_stream, int32* packet_stream_length) : static bool
- +UnpackStream(const void*
- packet_stream, int32 len,struct PacketHead** packet_head) : static bool
- +HexEncode(const void* bytes, size_t size): static void
- +DumpPacket(const struct PacketHead*
- packet_head) : static void
- +ClearCrawlerTaskList(struct PacketHead* packet_head) : static void
- +ClearHBaseAnalyticalTaskList(struct
- PacketHead* packet_head) : static void
- +ClearLoginCookieList(struct PacketHead* packet_head) : static void
- -CompressionStream(const uint8*
- unzip_data, uint64 unzip_len,uint8**
- zip_data) : static uint64
- -DecompressionStream(const uint8*
- zip_data, uint64 zip_len,uint8** unzip_data) : static uint64

SchdulerEngine

-memberName

- +SetSchduler(const int32 id, void*
- schduler): virtual bool
- +SetAnalyticalSchduler(const int32
- id,base_logic::AnalyticalSchduler*
- schduler): virtual bool
- +GetAnalyticalSchduler(const int32
- id,base_logic::AnalyticalSchduler*
- schduler): virtual bool
- +DelAnalyticalSchduler(const int32 id): virtual bool
- +FindAnalyticalSchduler(const int
- socket,base_logic::AnalyticalSchduler*
- schduler): virtual bool
- +CloseAnalyticalSchduler(const int socket): virtual bool
- +SetRecvTime(const int socket): virtual
- bool +SetSendTime(const int socket): virtual
- bool +CheckHeartPacket(void): virtual bool
- +SendOptimalAnalytical(const void* data, const int32 len): virtual bool
- +CheckOptimalAnalytical(): virtual bool +SetSendErrorCount(int socket) : virtual bool
- +SetRecvErrorCount(int socket): virtual bool
- +CheckIsEffective(): virtual void

ShareDataManager

- -lock_ : struct threadrw_t*
- -data_cache_ : ShareDataCache*
- +BatchFectchTaskPlatInfo(std::list<base_l
- ogic::TaskPlatDescription>* list) : void
- +BatchUpdateTaskInfo(std::list<base_logi c::TaskInfo>* list) : void
- -Init(): void

TaskPlatDescription

- +set_id(const int64 id) : void
- +set_depth(const int8 depth) : void
- +set_machine(const int8 machine): void +set_storage(const int8 storage) : void
- +set_over(const int8 over) : void
- +set_forge(const int8 forge) : void +set_description(const std::string&
- description) : void
- +id() const : const int64 +depth() const : const int8
- +machine() const : const int8
- +storage(): const: const int8
- +over() const : const int8
- +forge() const : const int8
- +description() const : const string&
- +ValueSerialization(base_logic::Dictionar yValue* dict) : void

Data

- +id : int64
- +depth_: int8 +machine : int8
- +storage_: int8
- +over_: int8
- +forge_: int8 +description_: string
- -refcount_: int
- +AddRef(): void +Release(): void

TaskDB Tasklogic -mysql_engine_: -instance_ : static Tasklogic scoped_ptr<base_logic::DataControllerEn</pre> -task_db_ : gine> scoped_ptr<task_logic::TaskDB> +FecthBatchTask(std::list<base_logic::Tas -task_time_mgr_ kInfo>* list,const bool is_new = false): scoped_ptr<task_logic::TaskTimeManage_ +FetchBatchHBase(std::list<base_logic::St -crawler_schduler_engine_ : crawler_schduler::SchdulerEngine* orageHBase>* list) : bool -analytical_schduler_engine_ +UpdateHBaseState(std::list<base_logic:: analytical_schduler::SchdulerEngine* <u>DataControllerEngine</u> StorageHBase>* list) : bool +CallBackFectchBatchTask(void*param,b +GetInstance(): static Tasklogic* ase_logic::Value* value) : static void +FreeInstance(): static void +CallBackFectchBatchHBase(void* +OnTaskConnect(struct server *srv, const +Create(int32 type) : static param,base_logic::Value* value) : static int socket) : bool DataControllerEngine +OnTaskMessage(struct server *srv, +Init(): static void const int socket, const void *msg, const +Dest(): static void int len): bool +Release()=0 : virtual void +OnTaskClose(struct server *srv, const int +InitParam(list<base::ConnAddr>*addrlis socket) : bool t)=0 : virtual void TaskTimeManager +OnBroadcastConnect(struct server *srv, +ReadData(const int32 const int socket, const void *data, const type,base_logic::Value* int len) : bool -schduler_mgr_ value,void(*storage_get)(void*, task_logic::TaskSchdulerManager* +OnBroadcastMessage(struct server *srv, base_logic::Value*))=0 : virtual bool const int socket, const void *msg, const -task_db_: +WriteData(const int32 int len): bool scoped_ptr<task_logic::TaskDB> type,base_logic::Value* value)=0 : virtual +OnBroadcastClose(struct server *srv, +TaskTimeEvent(int opcode, int time): bool const int socket): bool +OnIniTimer(struct server *srv) : bool -TimeFetchTask(): void +OnTimeout(struct server *srv, char* id, -TimeFetchHBase(): void int opcode, int time) : bool -CleanHBase(): void -Init() : bool -CleanNoEffectCrawler(): void InitTask(task_logic::TaskSchdulerManage r* schduler_mgr) : void -TimeDistributionTask(): void -TimeFetchTask() : void -TimeDistributionHBase(): void -TimeFetchHBase(): void -ReplyTaskState(struct server* srv, int SendUtils socket, struct PacketHead *packet, const void *msg = NULL,int32 len = 0) : void -ReplyAnalyticalState(struct server* srv, +SendFull(int socket, const char* buffer, int socket,struct PacketHead *packet, size_t bytes) : static int32 const void *msg = NULL,int32 len = 0) : +SendBytes(int socket, const void* bytes, void int32 len,const char* file, int32 line): -RelpyCrawlNum(struct server* srv, int static bool socket,struct PacketHead *packet, const +SendMessage(int socket, struct void *msg = NULL,int32 len = 0) : void PacketHead* packet,const char* file, int32 line) : static bool +SendHeadMessage(int socket, int32 operate_code,int32 type, int32 is_zip_encrypt, int64 session,int32 reserved, const char* file, int32 line): static bool +SendErronMessage(int socket, int32 TaskSchdulerManager | operate_code,int32 type, int32 TaskSchdulerEngine is_zip_encrypt, int64 session,int32 -lock_ : struct threadrw_t* reserved, int32 error, const char* file, -task cache : TaskSchdulerCache* int32 line) : static bool -schduler_mgr_ : static -crawler_schduler_engine_: TaskSchdulerManager* crawler_schduler::SchdulerEngine* -schduler_engine_ : static -analytical_schduler_engine_: TaskSchdulerEngine* analytical_schduler::SchdulerEngine* +GetTaskSchdulerManager(): static -crawler_count_ : int32 TaskSchdulerManager* -analytical_count_ : int32 +GetTaskSchdulerEngine(): static +Init(crawler_schduler::SchdulerEngine* TaskSchdulerEngine* crawler engine, analytical schduler:: Schd ulerEngine* analytical_engine) : void +FetchBatchTask(std::list<base logic::Tas kInfo>* list,bool is first = false) : void +FetchBatchHbase(std::list<base logic::St orageHBase>* list) : void +RemoveAnalyticalHBase(const int64 id): bool +DistributionTask(): bool +DistibutionHBase(): bool +SwapRemoveHBase(std::list<base_logic: :StorageHBase>* list,bool is clean = true) : void +RecyclingTask(): void +AlterTaskState(const int64 task id, const int8 state) : bool +AlterCrawlNum(const int64 task id,

const int64 num) : bool
+CheckIsEffective() : void

-Init(): void

SchdulerEngine

+SetSchduler(const int32 id,void* schduler) : virtual bool +SetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +GetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +DelCrawlerSchduler(const int32 id): virtual bool +FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler* schduler): virtual bool +CloseCrawlerSchduler(const int socket): virtual bool +SetRecvTime(const int socket): virtual +SetSendTime(const int socket): virtual +CheckHeartPacket(void): virtual bool +SendOptimalCrawler(const void* data, const int32 len): virtual bool +CheckOptimalCrawler(): virtual bool +SetSendErrorCount(int socket): virtual +SetRecvErrorCount(int socket): virtual +CheckIsEffective(): virtual void

SchdulerEngine

+SetSchduler(const int32 id, void* schduler): virtual bool +SetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler* schduler): virtual bool +GetAnalyticalSchduler(const int32 id,base_logic::AnalyticalSchduler* schduler): virtual bool +DelAnalyticalSchduler(const int32 id): virtual bool +FindAnalyticalSchduler(const int socket,base_logic::AnalyticalSchduler* schduler): virtual bool +CloseAnalyticalSchduler(const int socket): virtual bool +SetRecvTime(const int socket): virtual bool +SetSendTime(const int socket): virtual bool +CheckHeartPacket(void): virtual bool +SendOptimalAnalytical(const void* data, const int32 len): virtual bool +CheckOptimalAnalytical(): virtual bool +SetSendErrorCount(int socket): virtual bool +SetRecvErrorCount(int socket): virtual +CheckIsEffective(): virtual void

DbSql

- +Init(std::list<base::ConnAddr>&
- addrlist): static void +Dest(): static void
- +GetEntine(): static
- base_storage::DBStorageEngine*

Toolslogic

- -instance_ : static Toolslogic* -get_cookie_ : GetCookie
- +GetInstance(): static Toolslogic*
- +FreeInstance(): static void
- +OnToolsConnect(struct server *srv,
- const int socket): bool
- +OnToolsMessage(struct server *srv,
- const int socket, const void *msg, const int len) : bool
- +OnTools Close (struct server *srv, const
- int socket): bool
- +OnBroadcastConnect(struct server *srv, const int socket, const void *data, const
- int len) : bool
- +OnBroadcastMessage(struct server *srv, const int socket, const void *msg, const
- int len) : bool
- +OnBroadcastClose(struct server *srv,
- const int socket): bool
- +OnIniTimer(struct server *srv) : bool
- +OnTimeout(struct server *srv, char* id,
- int opcode, int time) : bool
- -Init(): bool

PacketProsess

- +PacketStream(const struct PacketHead* packet_head,void** packet_stream, int32* packet_stream_length) : static bool
- +UnpackStream(const void*
- packet_stream, int32 len,struct
- PacketHead** packet_head): static bool +HexEncode(const void* bytes, size_t
- size): static void
- +DumpPacket(const struct PacketHead* packet_head) : static void
- +ClearCrawlerTaskList(struct
- PacketHead* packet_head) : static void
- +ClearHBaseAnalyticalTaskList(struct
- PacketHead* packet_head) : static void
- +ClearLoginCookieList(struct
- PacketHead* packet_head) : static void
- -CompressionStream(const uint8*
- unzip_data, uint64 unzip_len,uint8** zip_data) : static uint64
- -DecompressionStream(const uint8*
- zip_data, uint64 zip_len,uint8**
- unzip_data) : static uint64

GetCookie

- -srv_: struct server* -account_num_ : int
- -cur_p_ : int -username_[USER_NUM] : string
- -password_[USER_NUM] : string -random_time_ : vector<int>
- -InitUser(): void
- -EncryptUsername(): string
- -FindParam(const std::string
- &content,const std::string&
- neededparam,std::string * const outparam): bool
- -GetParams(std::string * const
- servertime, std::string * const
- nonce,std::string * const rsakv,const
- std::string &username): bool -ReverseStr(char *str) : void
- -TenToSixteen(int num, char* ret): void
- -B2aHex(unsigned char*enc_data, int
- length): string
- -EncryptPassword(const std::string
- &password,const std::string
- &servertime,const std::string &nonce): string
- -Encode(const std::string&str) : string -GetRealAddress(const std::string&
- content,std::string * const real_address) :
- bool
- -GetTime(std::vector<int> *const
- random_time, int start) : void
- -SetRandomTime(std::vector<int> *const random_time) : void
- -SetRandomUser(): void
- -InitPostdata(std::string *const postdata,
- const std::string &username,const
- std::string &password,const std::string
- &servertime,const std::string
- &nonce,const std::string &rsakv) : void
- -GetTimeKey(): string
- -SaveCookie(const std::string
- &cookie,const std::string &username,const std::string
- &password): void
- -ParseCookie(http::HttpMethodGet *const get,const std::string
- &username,const std::string
- &password): void
- -OnGetCookie(): void
- -set_random() : void
- -NextHand() : void
- -ParseCookie(std::list<std::string> *const I,std::string *const cookie) : bool
- +Start(): void
- +cur_random_time(): int
- +set_srv(struct server *s) : void

TaskTimeManager

-TimeCheckTask() : void
-CleanNoEffectCrawler() : void

-schduler_mgr_:
crawler_task_logic::TaskSchdulerManage
r*
-task_db_:
scoped_ptr<detail_task_logic::DetailTask
DB>
+TaskTimeEvent(int opcode,int time):
void
-TimeFetchTask(): void

-kafka_consumer_news_: kafka_consumer -task_platform_ : TASKPLAT_MAP -task_platform_inited_ : bool -login_info_map_ : LOGININFO_MAP +FecthBatchTask(list<base_logic::TaskInf o>* list) : bool +RecordTaskState(base_logic::TaskInfo& task,const int32 type) : bool +GetTaskPlatTaskDescription(list<base_lo ← gic::TaskDescription>*list): bool +BatchFectchTaskPlatInfo(list<base_logic: :TaskPlatDescription>* list) : void +BatchUpdateTaskInfo(list<base_logic::Ta skInfo>* list) +GetLoginDescription(): void +CallBackGetTaskPlatDescription(void* param,base_logic::Value* value) : static +CallBackGetLoginDescription(void* param,base_logic::Value* value) : static void

FileConfig

DetailTaskDB

-config_: static File Config*

+mysql_db_list_: list<base::ConnAddr>
+mem_list_: list<base::ConnAddr>
+redis_list_: list<base::ConnAddr>
+mssql_db_list_: list<base::ConnAddr>
+certificate_path_: string
+idp_url_: string
+sp_url_: string
+mood_path_: string
+style_path_: string
+usr_local_music_path_: string
+host_: string
+port_: string
+LoadConfig(string& path): bool

+GetFileConfig(): static FileConfig*

DetailTasklogic

-instance_ : static DetailTaskLogic* scoped_ptr<detail_task_logic::DetailTask DB> -task_time_mgr_ : scoped_ptr<detail_task_logic::TaskTime Manager> -detail_schduler_engine_ : crawler_schduler::SchdulerEngine* +GetInstance(): static CrawlerTasklogic* +FreeInstance(): static void +OnTaskConnect(struct server *srv,const int socket) : bool +OnTaskMessage(struct server *srv,const int socket,const void *msg,const int len) : bool +OnTaskClose(struct server *srv,const int socket) : bool +OnBroadcastConnect(struct server *srv,const int socket, const void *data,const int len) : bool +OnBroadcastMessage(struct server *srv,const int socket,const void *msg,const int len): bool +OnBroadcastClose(struct server *srv,const int socket) : bool +OnIniTimer(struct server *srv) : bool +OnTimeout(struct server * srv,char * id,int opcode,int time) : bool -Init() : bool InitTask(crawler_task_logic::TaskSchduler Manager* schduler_mgr) : void -TimeDistributionTask(): void -TimeFetchTask(): void -ReplyDetailState(struct server* srv,int socket,struct PacketHead *packet, const void *msg=NULL,int32 len=0) : void -ReplyCrawlNum(struct server* srv,int

socket,struct PacketHead *packet,const

void *msg=NULL,int32 len=0) : void

SchdulerEngine

-memberName

+SetSchduler(const int32 id,void* schduler) : virtual bool +SetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +GetCrawlerSchduler(const int32 id,base_logic::CrawlerScheduler* schduler) : virtual bool +DelCrawlerSchduler(const int32 id): virtual bool +FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler* < schduler) : vitual bool +CloseCrawlerSchduler(const int socket): virtual bool +SetRecvTime(const int socket): virtual bool +SetSendTime(const int socket): virtual bool +CheckHeartPacket(void): virtual bool +SendOptimalCrawler(): virtual bool +CheckOptimalCrawler(): virtual bool +SetSendErrorCount(int socket): virtual bool +SetRecvErrorCount(int socket): virtual bool +CheckIsEffective(): virtual void

SchdulerEngineImpl

-memberName

- +SetSchduler(const int32 id,void* schduler): bool
- +SetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler*
- schduler) : bool +GetCrawlerSchduler(const int32
- id,base_logic::CrawlerScheduler*
 schduler) : bool
- +DelCrawlerSchduler(const int32 id) : bool
- +FindCrawlerSchduler(const int socket,base_logic::CrawlerScheduler*
- schduler) : bool
- +CloseCrawlerSchduler(const int socket)
- +SetRecvTime(const int socket) : bool
- +SetSendTime(const int socket) : bool
- +CheckHeartPacket(): bool +SendOptimalCrawler(const void*
- data,const int32 len) : bool
- +CheckOptimalCrawler(): bool
- +SetSendErrorCount(int socket): bool +SetRecvErrorCount(int socket): bool
- +CheckIsEffective(): void