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Google Talk for Developers

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Open Communications

libjingle

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Changelist

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BasicPortAllocator Class

A subclass of the PortAllocator class, BasicPortAllocator handles port allocation. You would modify or override this class if you introduce new types of ports, or want more control of which candidates are allocated, which network cards, or other details. The methods shown are not thread-safe, and can be called on any thread.

This class is extended by HttpPortAllocator, which handles negotiation of stun and relay hosts. You should use HttpPortAllocator unless you have special needs or have extended BasicPortAllocator yourself.

Syntax

class BasicPortAllocator: public PortAllocator

Name	Description
void AddWritablePhase (int <i>phase</i>)	Called whenever a connection becomes writable, with <i>phase</i> being the phase that the corresponding port was created in.
BasicPortAllocator (NetworkManager *network_manager)	Simple constructor. Pass in the NetworkManager object created by the application.
**Retwork_manager, SocketAddress **stun_server, SocketAddress **relay_server)	Constructor with optional STUN and relay server addresses. The example code uses the Google Talk addresses, but you should use different addresses in your code. • network_manager The NetworkManager object created by the application. • stun_server Optional address of a STUN server to use to request your NAT-enabled device's external address. In production code, if not using the Google Talk server you should build and run your own STUN server from the cricket::StunServer class. • relay_server Optional address of a relay server to use for the data channel. libjingle provides code (relayserver.h/cc) to build your own relay server. The example code does not use a relay server.

月 10日	Dasicroi Milocator Class - Google Fai	ktor Developers — Google Developers
Class Connection Class	int best_writable_phase()	Returns the best (highest preference) phase that has produced a port that produced a writable
FileStream Class		connection. If no writable connections have been produced, this returns -1.
HttpPortAllocator Class		The following phases are defined in
MediaChannel		basicportallocator.cc:
Class		const int PHASE_UDP = 0;
MediaEngine Class		const int PHASE_RELAY = 1;
MemoryStream Class		const int PHASE_TCP = 2;
P2PTransportCha		and the DUACE COLTON - 2
Port Class		const int PHASE_SSLTCP = 3;
PresenceOutTask Class	PortAllocatorSession* CreateSession(const std::string &name, const std::string& session_type)	Creates a helper object that handles much of the port allocation. session_type must be a unique
PresencePushTask Class		value for that specific session type, and must match the value specified in the session_type
Session Class		parameter of SessionManager::AddClient for that session type.
SessionClient Class	NetworkManager*	Returns the NetworkManager object used to
SessionManager Class	network_manager()	instantiate this object.
	-	

Attributes: public

Declaration file: talk/p2p/client/basicportallocator.h

SessionSendTask Class

StreamEvent Enumeration

StreamInterface

Class

StreamResult

Enumeration

 $\\Stream \\State$

Enumeration

Task Class

VoiceChannel Class

XmppClient Class

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XmppPump

XmppTask Class

License

Google Talk XMPP

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