Signalling-On-the

Fig. 4. Main WONDER Classes

Hosting Messaging server is used i.e. all peers have a signalling channel established with the same Messaging Server.

conversations were not performed since the algorithm used implies the exchange of signalling messages outside of SIP dialogs. This requirement is challenging for IMS-based architectures. Such mechanism may be enabled by using the event invoking SIP message types SUBSCRIBE, PUBLISH and NOTIFY. Nevertheless, this solution requires additional resources on the signalling level. Furthermore, it would also require changes in standard IMS-Clients to process such messages accordingly.

No major impact was noticed in the Conversation setup performance introduced by the protocol stack download procedure,

[8] C. Jennings, A. Narayanan, D. Burnett, and A. Bergkvist, "WebRTC 1.0: Real-