VII. CONCLUSION

The possibility to create applications that integrate IMS exposed services and Web services becomes increasingly important. Up to date, however, the principal way to implement such applications was to enable applications to communicate with both SIP and SOAP protocols used for accessing services in these two domains. The middleware present in this paper enables creating applications crossing boundaries of IP Multimedia and Web services systems. The middleware provides a modular message handling infrastructure, application state management and network resource management. The advantage of the developed middleware over existing solutions is the plug-in based system for creating applications. Application specific plug-ins defines the middleware behavior in response to received messages by changing its internal state and sending outing messages.

Furthermore, to ease the development of applications, we introduced an XML based language for defining plug-ins.

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