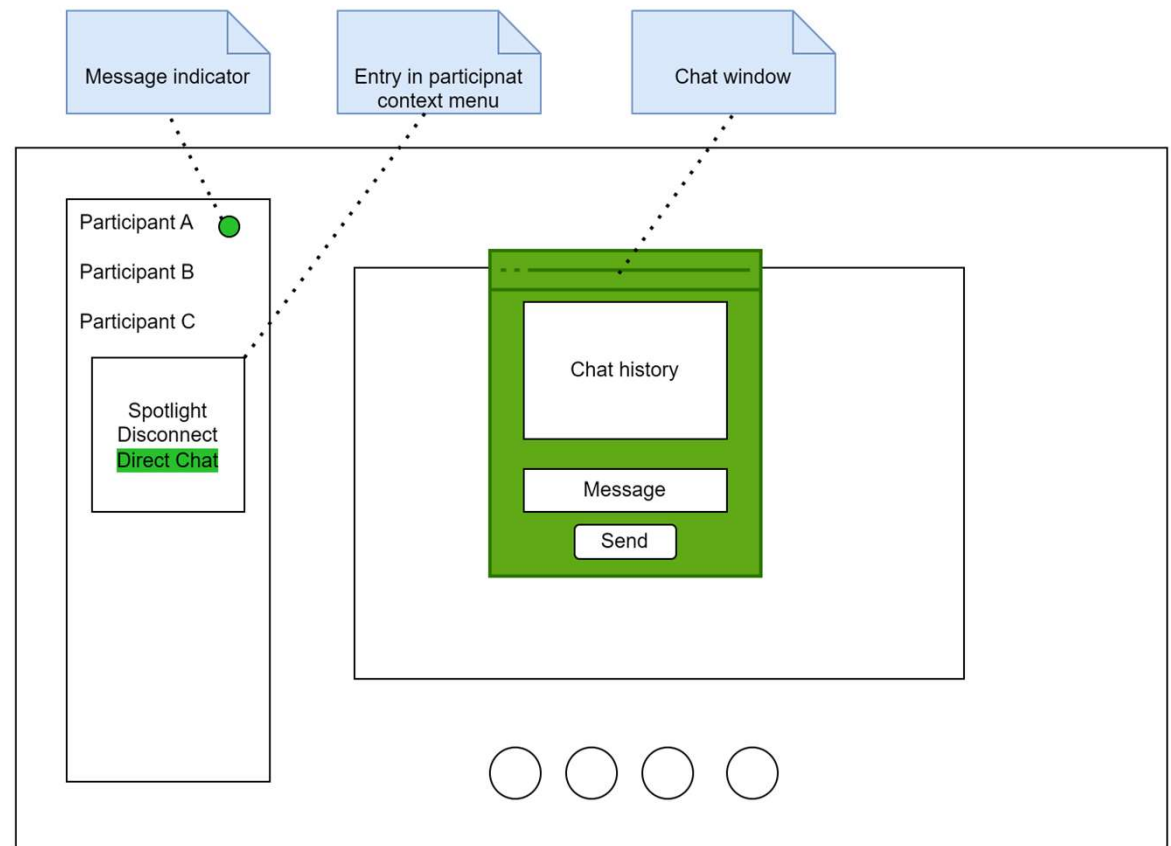


Goal

Support „direct chat“ via **webapp2 plugin**

Features:

- Message indicator in roster list
- Chat window
- Context menu to open chat window



Technical context

Infinity 31 (Nightly) supports direct messages via API

..api/client/v2/conferences/test.direct.chat/**participants/{UUID}/message**

{"**type**":"text/plain","**payload**":"Test"}

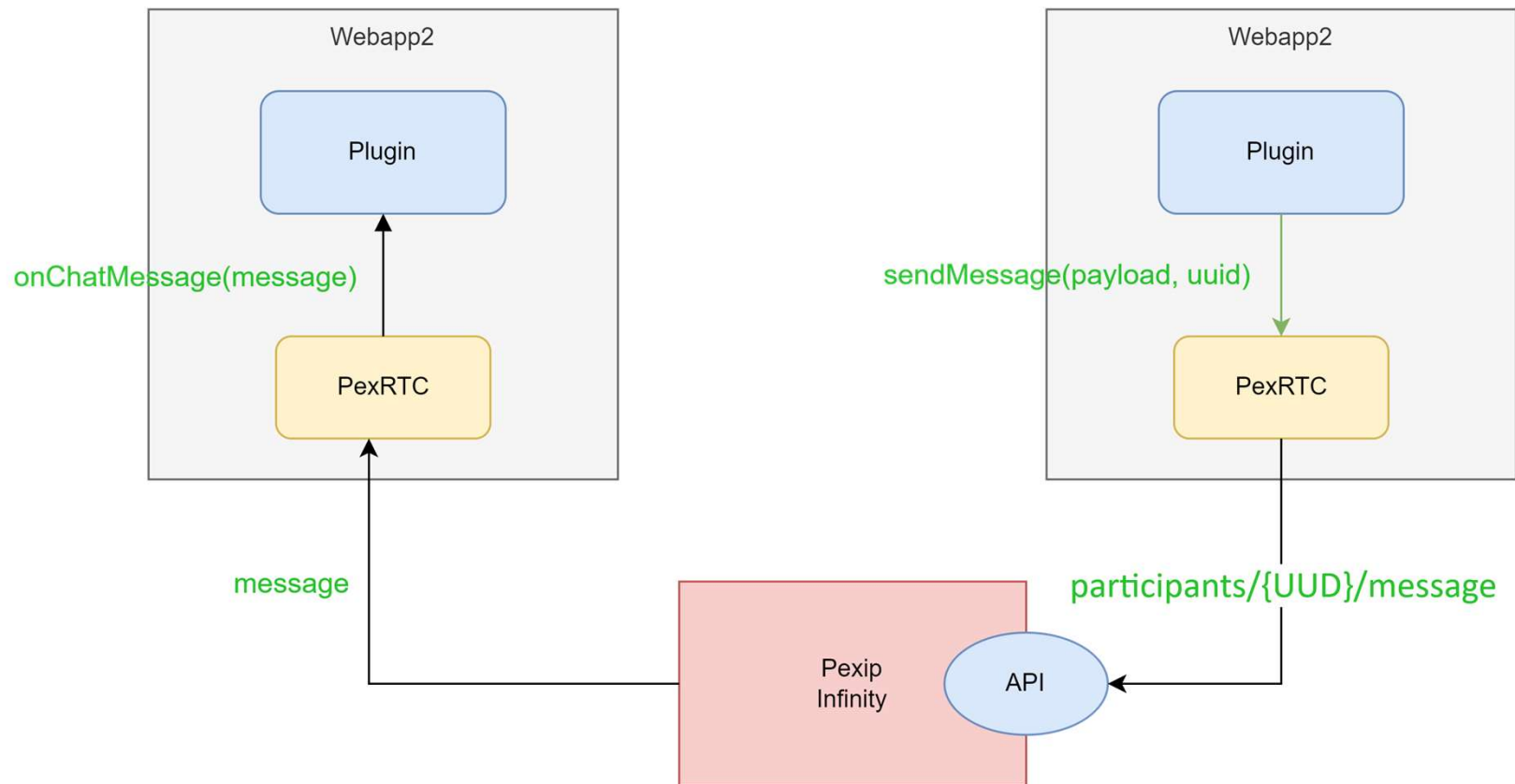
PexRTC supports direct messages

sendChatMessage(**payload**, **uuid**);

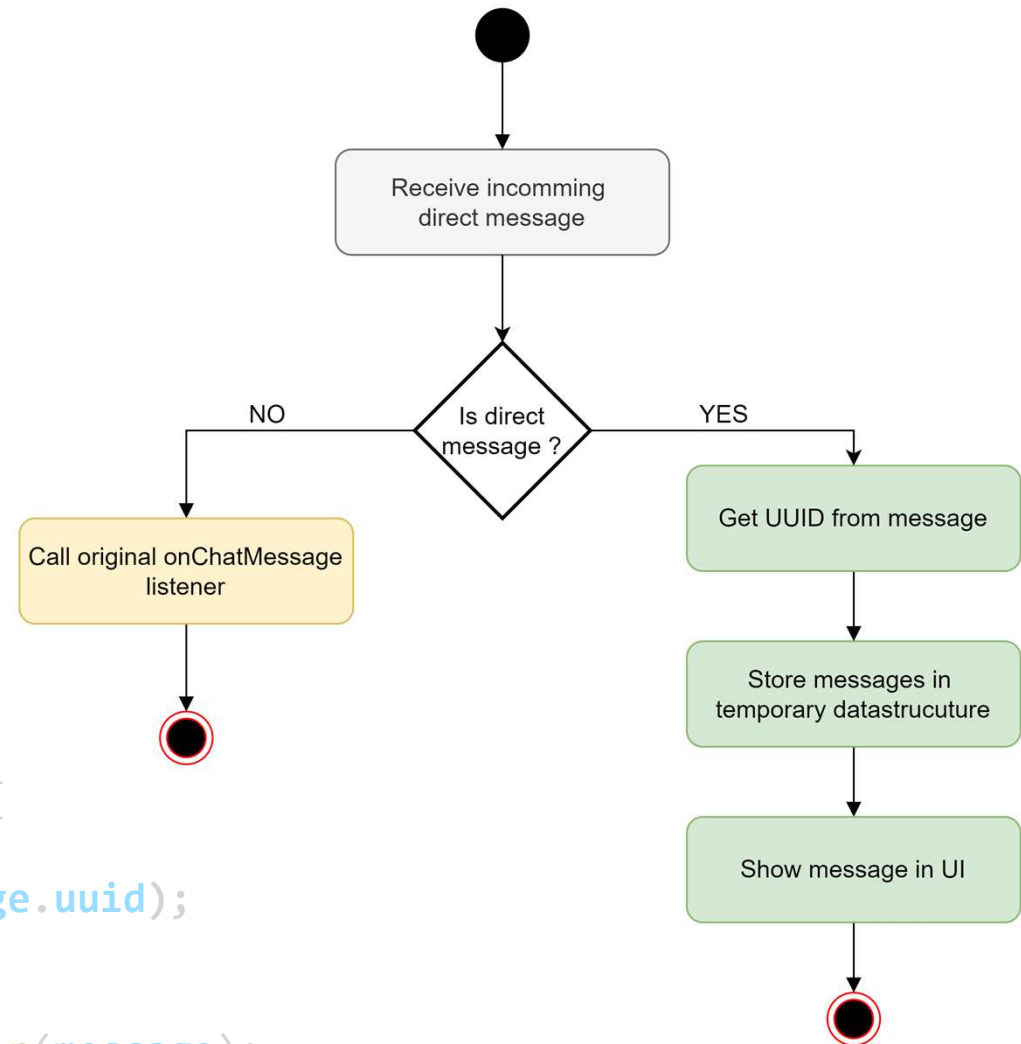
onChatMessage(**message**)

Message	
uuid	string
type	string
payload	string
direct	true

Architecture



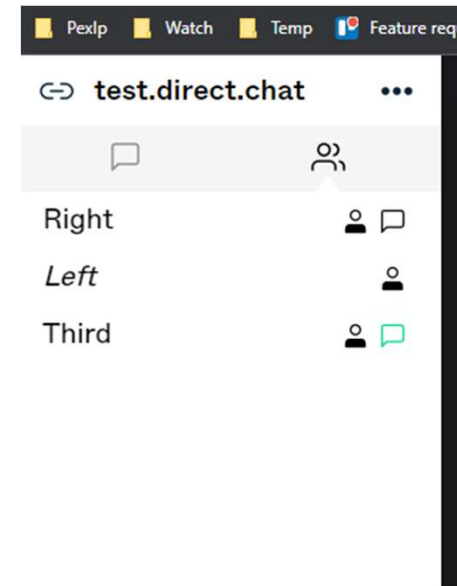
Process



```
rtc.onChatMessage = function (message) {  
  if (message.direct) {  
    generateMessageIcon(message.uuid);  
    fillChatFrame(message);  
  } else {  
    originalChatMessageListener(message);  
  }  
}
```

Webapp2

Added participant uuid to dom tree
(roster entries) to set the message
indicator depending on sender:



```
<ul _ngcontent-fki-c121 class="pex-roster-list__user-states">...</ul>
</div>
<div _ngcontent-fki-c121 tabindex="0" class="pex-roster-list__user ng-star-inserted" id="e473b575-01e1-44bd-aad9-43e77a13b25d">flex
  == $0
  <div _ngcontent-fki-c121 class="pex-roster-list__user-name smallconf" style="font-style: italic;">...</div>
  <!-->
  <ul _ngcontent-fki-c121 class="pex-roster-list__user-states">...</ul>
</div>
<div _ngcontent-fki-c121 tabindex="0" class="pex-roster-list__user ng-star-inserted" id="dcaa27f3-b44d-4aef-b748-05d799adda23">...
</div> flex
<!-->
```

Testversion

<https://direct-chat.tw-pexlab.de/webapp2/>

VMR: test.direct.chat

PIN: 1234

!!! Invitation link does not work !!!

