

OsmocomBB - Feature #3399

mobile: refactor / finish external MNCC handler implementation

07/16/2018 10:38 PM - fixeria

Status:	Stalled	Start date:	07/17/2018
Priority:	High	Due date:	
Assignee:	fixeria	% Done:	40%
Category:	OsmocomBB mobile (host)		
Target version:	GAPK (GSM Audio Pocket Knife) back-end intergation		
Resolution:		Spec Reference:	
Description			
<p>In general, it is possible to connect mobile application to an external MNCC-handler, such as LCR and osmo-sip-conector. In case of the second one, mobile can be even connected to a PBX, e.g. FreeSWITH or Asterisk:</p> <p>Error executing the graphviz_link macro (Missing template wiki_graphviz/macro with {:locale=>[:en], :formats=>[:pdf], :variants=>[], :handlers=>[:erb, :builder, :raw, :ruby, :rsb]}). Searched in: * "/usr/src/redmine/plugins/wiki_mscgen_plugin/app/views" * "/usr/src/redmine/plugins/wiki_graphviz_plugin/app/views" * "/usr/src/redmine/plugins/redmine_tags/app/views" * "/usr/src/redmine/plugins/redmine_openid_provider/app/views" * "/usr/src/redmine/plugins/redmine_mentions/app/views" * "/usr/src/redmine/plugins/redmine_lightbox2/app/views" * "/usr/src/redmine/plugins/redmine_checklists/app/views" * "/usr/src/redmine/plugins/redmine_banner/app/views" * "/usr/src/redmine/plugins/event_notifications/app/views" * "/usr/src/redmine/plugins/clipboard_image_paste/app/views" * "/usr/src/redmine/app/views")</p> <p>The current implementation has the following problems:</p> <ul style="list-style-type: none">• impossible to configure MNCC-socket path per MS instance,• TCH FR codec only,• no RTP support.			

History

#1 - 10/04/2018 09:05 PM - fixeria

- Checklist item [] Ability to configure MNCC-socket path per MS instance added
Checklist item [] Drop TCH/F codec limitations added
Checklist item [] Implement RTP support added
Checklist item [] OsmocomBB - MNCC codec negotiation added
Checklist item [] OsmocomBB - MNCC transcoding added

#2 - 10/04/2018 09:07 PM - fixeria

- Checklist item [x] Ability to configure MNCC-socket path per MS instance set to Done
Checklist item [x] Drop TCH/F codec limitations set to Done

- Status changed from New to Stalled

- Priority changed from Normal to High

- % Done changed from 0 to 40

Some work has already been done, and the code can be found in the following branches:

<https://git.osmocom.org/osmocom-bb/log/?h=fixeria/audio>

<https://git.osmocom.org/osmocom-bb/log/?h=fixeria/mncc>