**#19868** - <https://redmine.vnc.biz/issues/19868>

1. **Description**:

* Currently we have our own jitsi-meet sources here ssh://www-data@redmine.vnc.biz/vnctalk-jitsi-meet.
* For each version there is a branch for it, although often there are no changes.
* checkout to the master branch of vnctalk-jitsi-meet.git and sync our fork with the current development of the official jitsi-meet
* Howto: <https://help.github.com/articles/syncing-a-fork/>
* then look which differences there are between our added code and their code.
* mostly there will be differences with the language
* *check if the current official jiti-meet development has german support*
* please list all major differences between our current branch (release\_2.2.7) and the official development
* finally we will decide if we merge the current development into our fork.
* Can you please update vnctalk-jitsi-meet.git master and release\_2.2.7 to the last commit from the official repo? https://github.com/jitsi/jitsi-meet/commit/1e0bf42203270ccc08ba3d73329a81fba08e85ae
* The current official development of jitsi-meet have a better language support and it have fixed many bugs.

1. **Analytic**
   1. **Root cause**:

* Rainer: Taking the current official jitsi-meet code merge the changes we made, but **do not add** our TRANSLATIONS.getTranslation() code.
* Have problem because the file structure have been changed on jitsi-meet project. Some codes not match with file. I can only do it manually.
* Compare and merge. Test video conference chrome to chrome success,auto login, display username but can't run etherpad.
* Have the problem with video conference user have "." like "quy.dang02".
* Problem with switch Small Video between local and remote Video : container is not define.
* Have problem on merge at function createIFrame, SettingsMenu.getDisplayName() is removed on new code.
* After updating Jicofo and jitsi-videobrigde, we can make video conference between Firefox nightly and Chrome, but we can't create chatroom via Firefox, it's always show popup: "Room name you entered is already registered by other user.Please choose different room name." and then send presence "unavailable". Should fix it on another ticket.
  + - How to sync code from jitsi-meet ?
* Can’t displayName on small video window with user have dot "." .
* Add disablePrezi on config.js
  1. **Solutions**:
* We will use from now on the official language support added to jitsi-meet. See "lang/" folder: Jitsi-meet code solved.
* Compare and merge. Resolve the conflict code.
* Fix problem with etherpad can't start, not show the icon:
* Research on: <https://github.com/jitsi/jitsi-meet/issues/306> , find the root cause: the new jicofo will "start" the etherpad.
* Update new jicofo and jitsi-videobrigde to latest version:
* I just command "apt-get install jicofo jitsi-videobridge".
* It will update jicofo and jitsi-videobridge automatically to latest version.

jicofo: Version: 1.0-109-1 and jitsi-videobridge: Version: 472-1

* How to sync code from jitsi-meet ?
* Use the howto <https://help.github.com/articles/syncing-a-fork/>, but following this procedure:

1. clone the official repo
2. keep the official repo on master branch up-to-date
3. create a new vnctalk branch called "release\_2.3.1" which will fork "master"
4. apply our vnctalk patch-set

* Test some cases:
* Video conference with username have dot: “quy.dang” vs “quy.dang02”
* Check support language(English + German)
* Switch small video
* Etherpad
* Video conference between Chrome and Firefox

1. **Implementation**
   1. **Code:**

* Have the problem with video conference user have "." like "quy.dang02":

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| SmallVideo.prototype.showDisplayName = function(isShow) { ... var nameSpan = $('#' + this.videoSpanId.replace(/\./g,"\\.") + '>span.displayname').get(0);  ... }  SmallVideo.prototype.setDeviceAvailabilityIcons = function (devices) { ...  var videoSpanId = this.videoSpanId.replace(/\./g,"\\."); $("#" + videoSpanId + " > .noMic").remove(); $("#" + videoSpanId + " > .noVideo").remove(); ...  if(!devices.audio && !devices.video)  {  $("#" + videoSpanId + " > .noMic").css("background-position", "75%");  $("#" + videoSpanId + " > .noVideo").css("background-position", "25%");  $("#" + videoSpanId + " > .noVideo").css("background-color", "transparent");  } }  SmallVideo.prototype.enableDominantSpeaker = function (isEnable) { ...  var nameSpan = $('#' + this.videoSpanId.replace(/\./g,"\\.") + '>span.displayname'); ... }  SmallVideo.prototype.createModeratorIndicatorElement = function () { ... // Show moderator indicator  var indicatorSpan = $('#' + this.videoSpanId.replace(/\./g,"\\.") + ' .focusindicator'); ... //translates text in focus indicators  APP.translation.translateElement($('#' + this.videoSpanId.replace(/\./g,"\\.") + ' .focusindicator')); }  SmallVideo.prototype.getSrc = function () {  return APP.RTC.getVideoSrc($('#' + this.videoSpanId.replace(/\./g,"\\.")).find("video").get(0)); } |

* Fix switch small video window:

Research on: <https://github.com/jitsi/jitsi-meet/blob/master/libs/app.bundle.js>

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| // Add click handler.  this.container.onclick = function (event) {  /\*  \* FIXME It turns out that videoThumb may not exist (if there is  \* no actual video).  \*/  var videoThumb = $('#' + self.videoSpanId + '>video').get(0);  if (videoThumb) {  self.VideoLayout.handleVideoThumbClicked(  false,  self.resourceJid);  } |

* Have problem on merge at function createIFrame, SettingsMenu.getDisplayName() is removed on new code. Replace:

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| var displayname = $('#setDisplayName').get(0).value;  etherpadIFrame.src = domain + etherpadName + options + "&userName=" + displayname; |

* Fix bug displayName on small video window with user have dot ".":

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| \*\*  \* Sets the display name for the given video span id.  \*/ RemoteVideo.prototype.setDisplayName = function(displayName, key) {   if (!this.container) {  console.warn(  "Unable to set displayName - " + this.videoSpanId + " does not exist");  return;  }   //ticket\_19868  var videoSpanId = this.videoSpanId.replace(/\./g,"\\.");   var nameSpan = $('#' + videoSpanId + '>span.displayname');   // If we already have a display name for this video.  if (nameSpan.length > 0) {  if (displayName && displayName.length > 0)  {  $('#' + videoSpanId + '\_name').html(displayName);  }  else if (key && key.length > 0)  {  var nameHtml = APP.translation.generateTranslatonHTML(key);  $('#' + videoSpanId + '\_name').html(nameHtml);  }  else  $('#' + videoSpanId + '\_name').text(  interfaceConfig.DEFAULT\_REMOTE\_DISPLAY\_NAME);  } else {  nameSpan = document.createElement('span');  nameSpan.className = 'displayname';   //ticket\_19868  $('#' + videoSpanId)[0].appendChild(nameSpan);   if (displayName && displayName.length > 0) {   nameSpan.innerText = displayName;  }  else  nameSpan.innerText = interfaceConfig.DEFAULT\_REMOTE\_DISPLAY\_NAME;   //ticket\_19868  nameSpan.id = this.videoSpanId.replace(/\\\./g,".") + '\_name';   } } |