

HeartyPresenter User's Manual

December, 2023

About this Manual

- This document is a user manual for the HeartyPresenter presentation system for the severely disabled.
- Please note that both the software and manuals will be updated irregularly as the beta version is currently under development.
- If you have any difficulty in understanding HeartyPresenter itself or the manual, please let us know at
 - <https://www.facebook.com/HeartyPresenter/>
 - info@heartypresenter.com

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0. What kind of system is HeartyPresenter?

- HeartyPresenter is a presentation system for the severely disabled.
- In conjunction with PowerPoint operation, you can speak by text-to-speech.
- HeartyPresenter creates a scenario with the text written in the notes for each slide in the PowerPoint file as the talk text.
- Pause, wait, strong, etc., necessary for presentation, can be added to the scenario.

1. Advance preparation

1-1. Confirm the required environment

Software

- OS
 - Windows 10 64-bit version
 - ✂It is supposed to work on Windows 8 .1 but has not been tested.
- PowerPoint
 - Operation verified in Office 2016.

Hardware

- A computer that can run the above software
- Second monitor
 - ✂It will work without second monitor, but in that case, please play the scenario in single monitor mode (See 2-7).

1-2. Install the text-to-speech function

- HeartyPresenter uses text-to-speech function offered by Windows10 etc.
 - Follow the steps below to install the text-to-speech function on your computer.
 - ① Select the [Start] button, select [Settings] > [Time & language] > [Region & language].
 - ② Select [Add a language], and then search for the language you want to add. From the list of search results select the language that you want to add.
 - ③ When you select a language the screen that is displayed returns to the [Region & language] settings page.
 - ④ Select the language that you added, and then select [Options].
 - ⑤ Under [Download language pack], select [Download]. Then select [Download] under [Speech Recognition].
- *The only Japanese voice available in this state is Microsoft desktop Haruka. If you want to use other Japanese voices, please refer to 4-1.

1-3. Install HeartyPresenter

- Download the installation file from the following web page.
 - <http://beta.heartypresenter.com/download/>
- Run the downloaded file to install.

2. Let's get started

2-1. Create a power point file

History and structure of my ALS treatment life

Medical Treatment History

- 2013.1 Notice changes in physical condition (Developed ALS)
- 2014.9 Receives a diagnosis of ALS
- 2016.4 Gastrosoma construction
- 2017.5 Prevention of aspiration and tracheostomy Undergo surgery
- 2017.11 Started Kawasaki Tsunagoro-koi
- 2018.2 Started lecture activities
- 2019.11 Delegated "Kanagawa inclusive society advisor"
- 2020.4 Established visiting care for persons with severe disabilities service office
- 2023.6 Presenting at this conference

What I am working on

Today's agenda

Step 3: Support Self-Realization

- Patients Association Activity
- Hearty Presenter planning and development
- Lecture Activities
- Prefectural Office for Persons with Severe Disabilities Service
- Management of Visiting Care

Securing and training nursing-care helpers for caring persons with severe disabilities Service

Step 2: Support Daily Living

- Nursing Care Equipments
- Eye-Tracking input for personal computer
- Everyday Life Maintenance
- One's (Living Environment Maintenance)

Step 1: support life

- Gastrostomy
- Prevention of aspiration tracheotomy procedure
- Visit Clinic
- Home Nursing and habilitation Standing and Other Rehab.

The Multilayered Structure of University in Intractable Disease Nursing.
Dr. Yuki Nakayama, Tokyo Metropolitan Institute of Medical Science

Since the start of lecture activities, Little or no progression of ALS

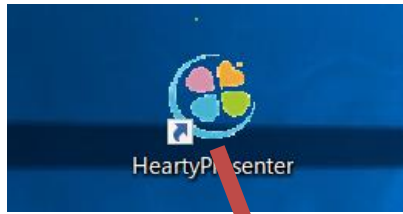
Notes

[Talk Dev="Potty",talker="JRN.Takumi",pitch="60",volume="80"]
Here is the history of my ALS recuperation.
[click]
I received the diagnosis in the fall of 2014.
In addition, I underwent a gonorrhea and tracheostomy in the spring of 2017.
After the surgery, I developed the HeartyPresenter and started to give lectures.
Since then, ALS has progressed very little .
[PauseTime time="1"]
Here is what I am working on.
[click]
Step 1: Support Life

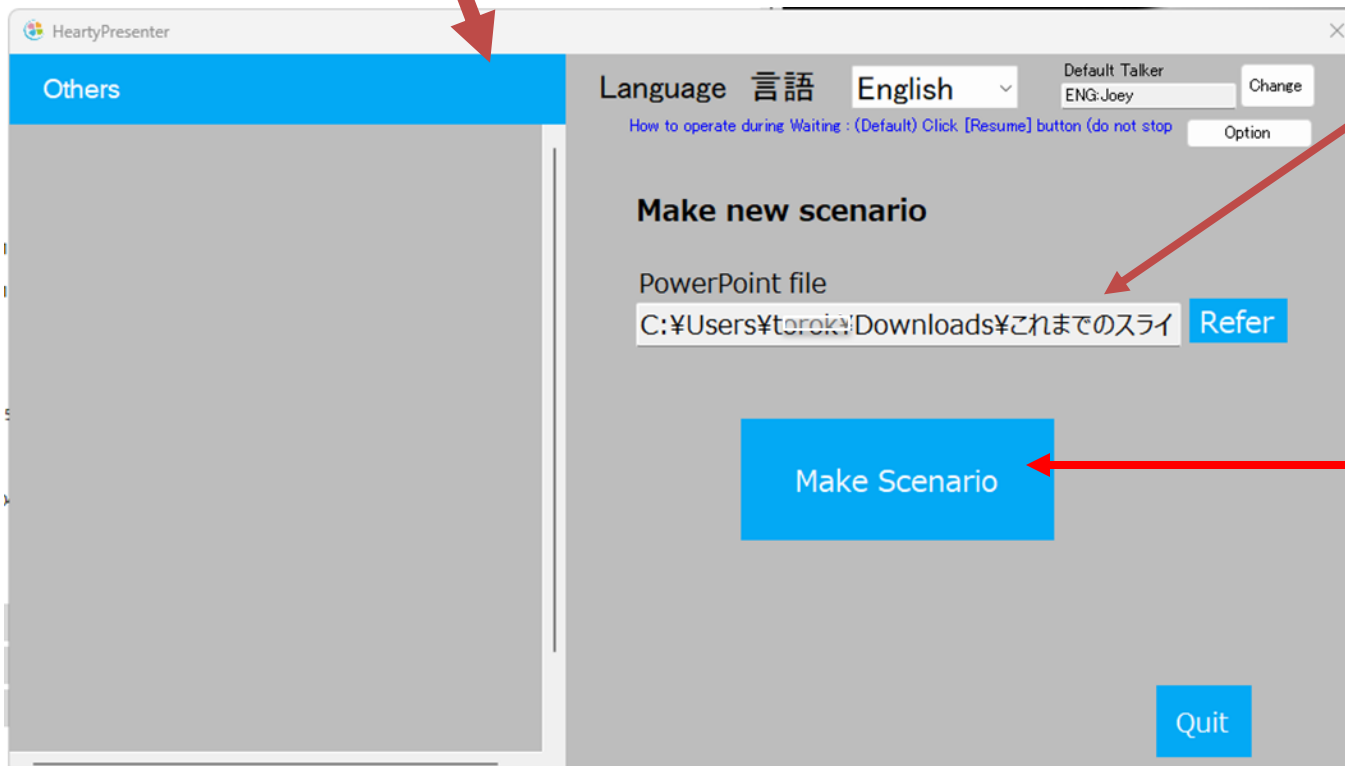
① Create Slides

② Write the talk text in the notes field.

2-2. Create a scenario file



① Launch from the desktop icon.



② Specify the PowerPoint file to create scenario.

③ Click [Make Scenario] button.

2-3. Scenario file opens in edit mode

- Once the scenario file is ready, the scenario display screen opens in edit mode.
- Scenarios can be edited from this screen (see Chapter 3).
- Scenarios are run from the menu on this screen (see next page).

HeartyPresenter
File Run from top Run from current position Edit Help Repeat Minimize

これまでのスライド en.htp

[SlideWaitTime=2Second]

Start

Talk by [Polly-JPN: Takumi] Pitch=68 Volume=80

Here is the history of my ALS recuperation.

Click

The notice was received in the fall of 2014.

In addition, he underwent a gonorrhoea and tracheostomy in the spring of 2017.

After the surgery, I developed the HeartyPresenter and started to give lectures.

Since then, very little ALS has progressed.

[PauseTime time="1"]

Here is what I am working on.

Click

Supporting Life in Step 1.

Click

Step 2: Support daily living.

Click

In Step 3, Supporting Self-Realization, we are working on the planning and development of the HeartyPresenter and speaking engagements.

Click

Today we will be talking about this one.

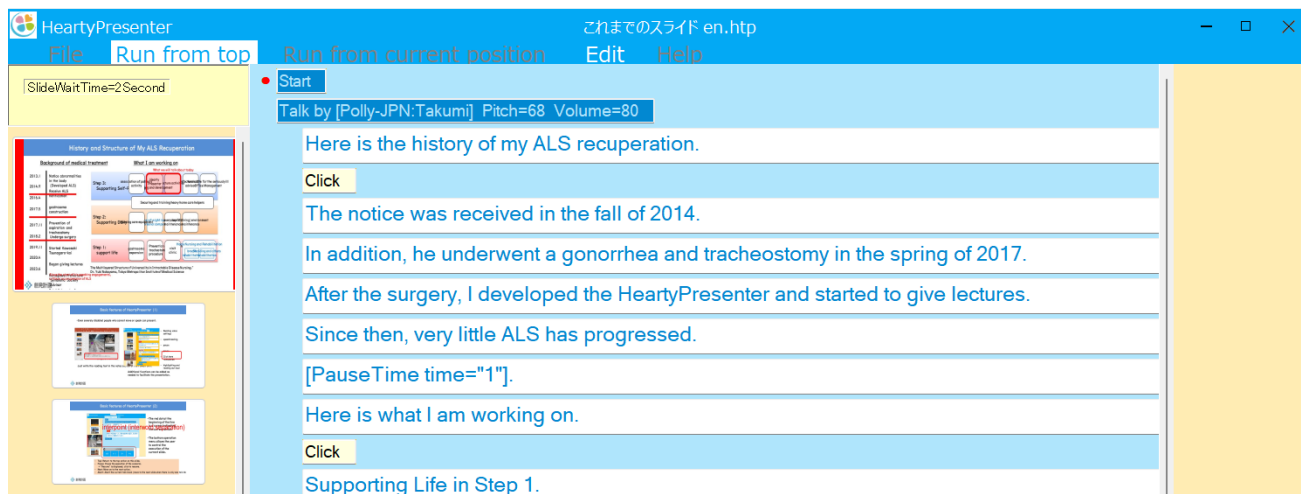
[END]

End of Talk

2-4. Run the scenario

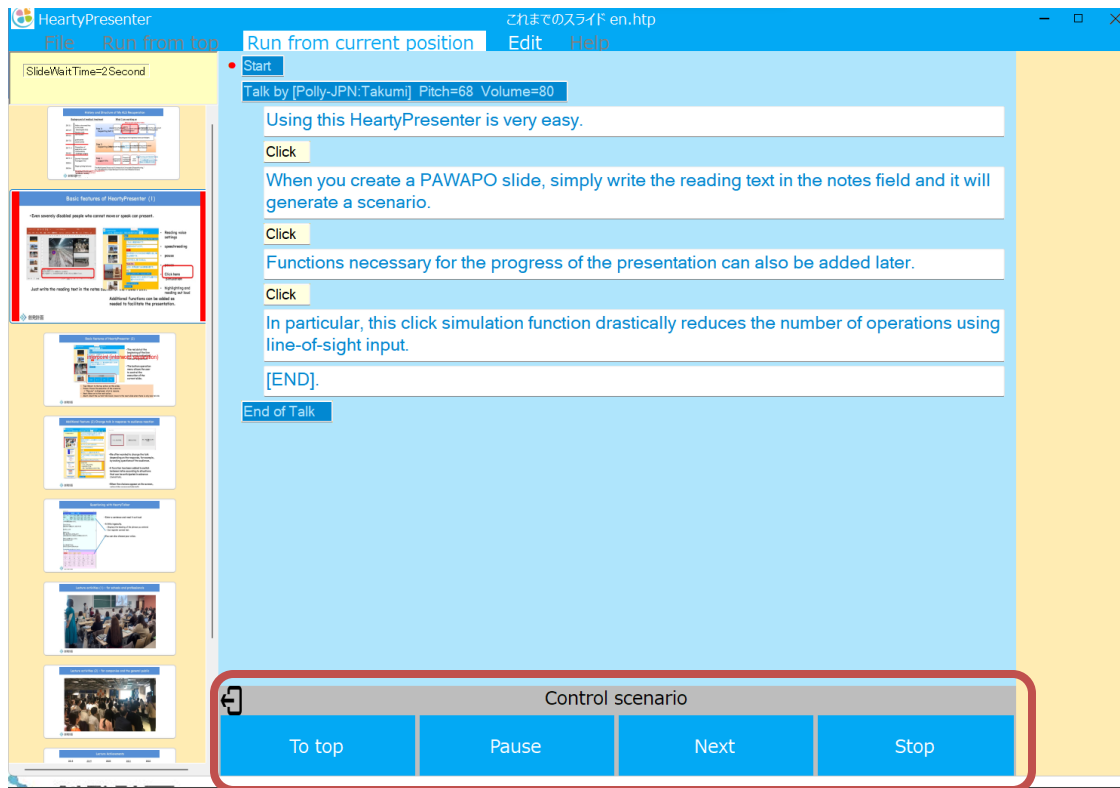


- ① Click [Run from top] on the menu.



- ② It switches to run mode and runs the scenario.

2-5. Control the progression of the scenario

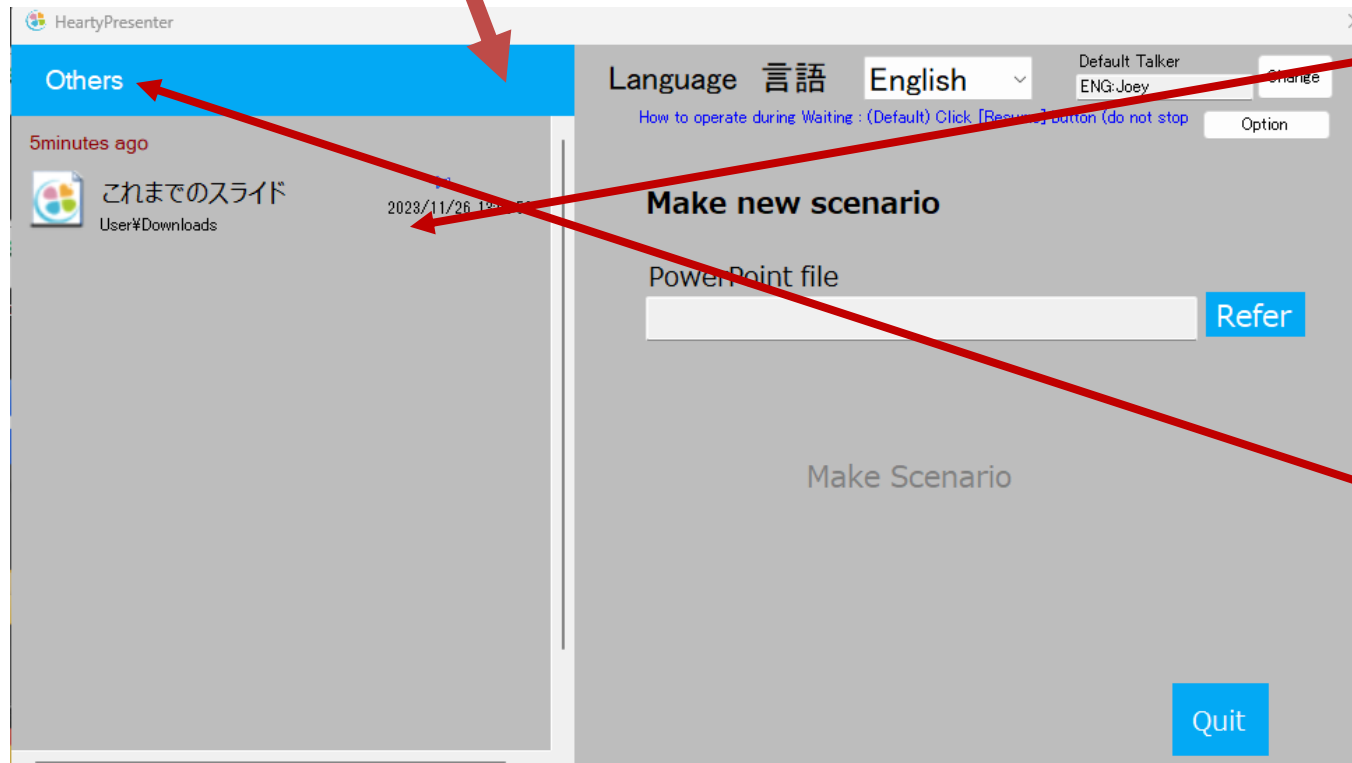
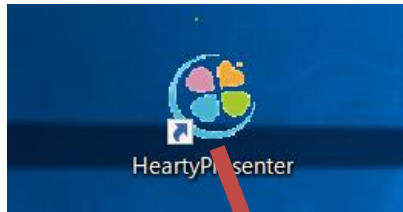


- To Top: Return to the top action on this slide.
- Pause: Pause the execution of the scenario.
→ [Resume] is displayed, click to resume.
- Next: Go to the next action.
- Stop: Skip this slide and move on to the next slide.

- The red dot at the beginning of the line is a cursor indicating the current action.
- The bottom operation menu allows you to control the execution of the current slide.

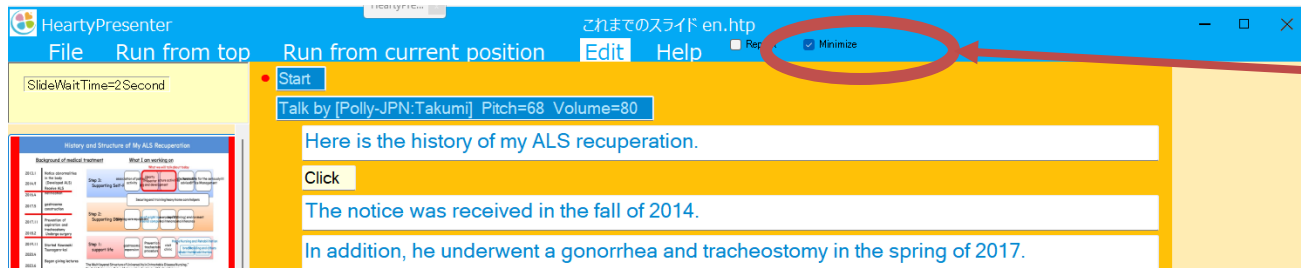
✳ See 4-3. for how to proceed with the click/joyypad button.

2-6. When presenting again

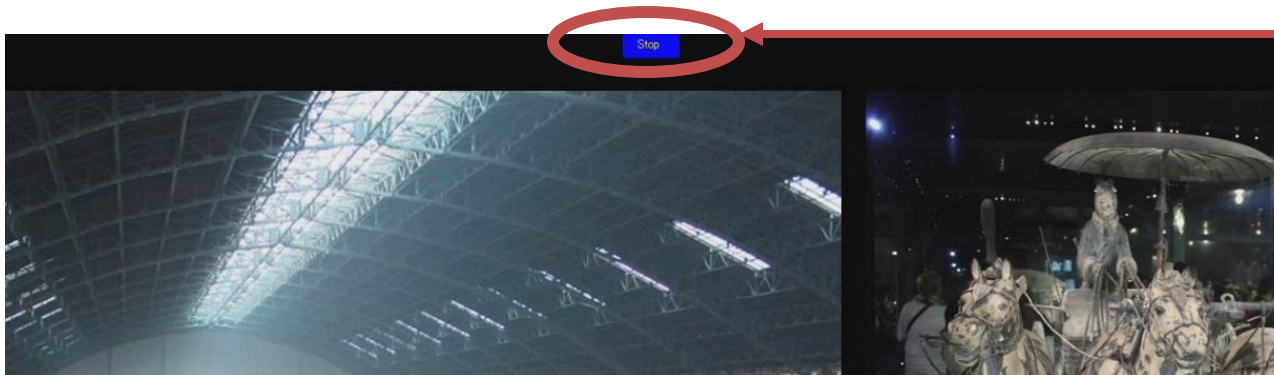


- Launch from the desktop icon.
- The recently opened scenario file is listed, from which you can select.
- If it is not on the list, click on [Others].
A file browser will open, from which you can make your selection.

2-7. Run in single monitor mode



- Check [Minimize].
- During execution, wait and pause are skipped.



- To stop the scenario execution midway, click [stop] at the top center of the screen.

3. Edit the scenario

3-1. Scenario components (Actions)

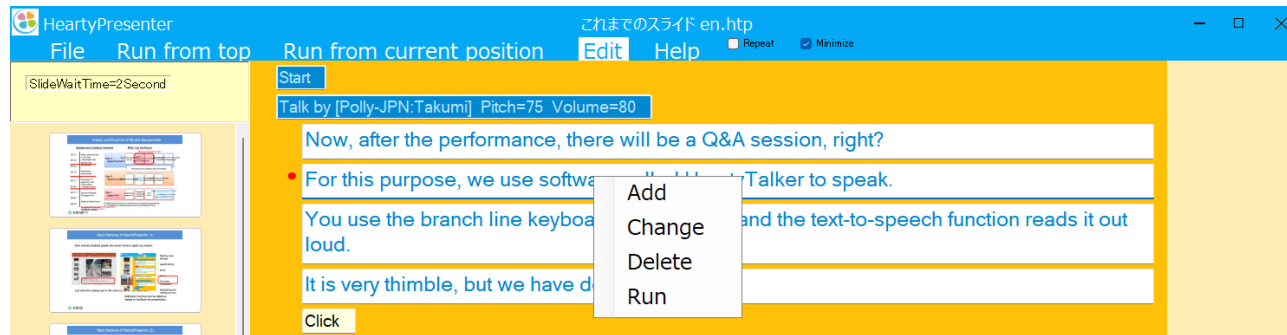
The screenshot displays the HeartyPresenter interface with a scenario script for a presentation titled "slides used.htp". The script includes the following actions and text:

- Start** (blue box)
- Talk by [Polly-ENG:Matthew] Pitch=80 Volume=80** (blue box)
- Here is the history of my ALS recuperation.
- Wait** (red box)
- Click** (yellow box)
- I received the diagnosis in the fall of 2014.
- In addition, I underwent a gonorrhhea and tracheostomy in the spring of 2017.
- Pause 2Sec** (pink box)
- Strong by [Pitch=0 - Volume=+30%]** (blue box)
- After the surgery, I developed the HeartyPresenter and started to give lectures.
- End of Talk Strong** (blue box)
- Click Simulation** (yellow box)
- Since then, ALS has progressed very little
- Here is what I am working on.
- Click** (yellow box)
- Step 1: Support Life** (blue box)

The left sidebar shows a preview of the presentation slides, including a slide titled "History and structure of my ALS treatment life" with a flowchart.

- Talk voice settings
- Talk text
- Wait
- Pause
- Click Simulation
- Emphasis reading aloud

3-2. Select the editing area

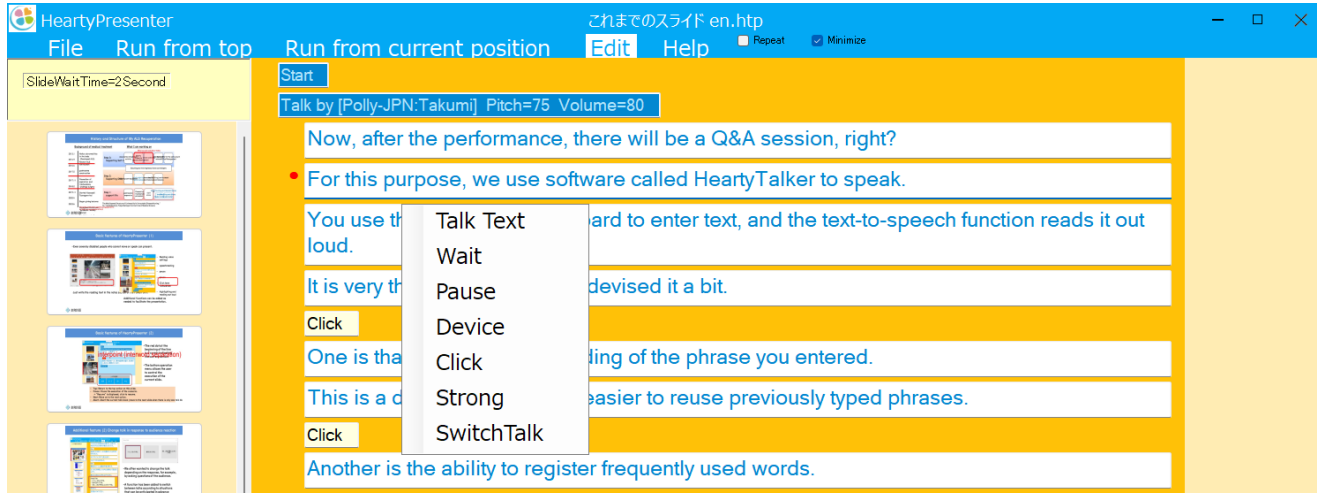


① Left-click on the area you wish to edit and the menu will appear.

② Click a command from the menu.

- Add: Add a new row below the selected row.
- Change: Change the contents of the selected line.
- Delete: Delete the selected rows.
- Run: Run from the selected row (in the slide).

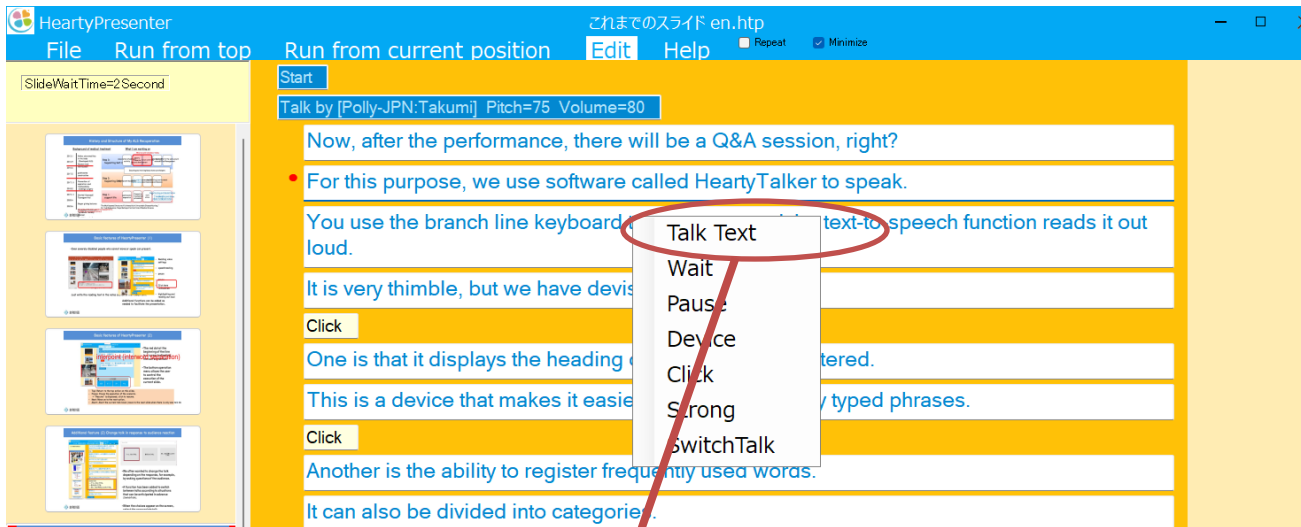
3-3. Add actions



- Select a row and click "Add" from the menu.
- Then click on what you want to add from the menu that appears.

Talk Text	Add talk text sentence
Wait	Stop for a while
Pause	Add Pause
Device	External Device Linkage
Click	Click Simulation
Strong	Reading emphasis
Switch talk	Set switch talk

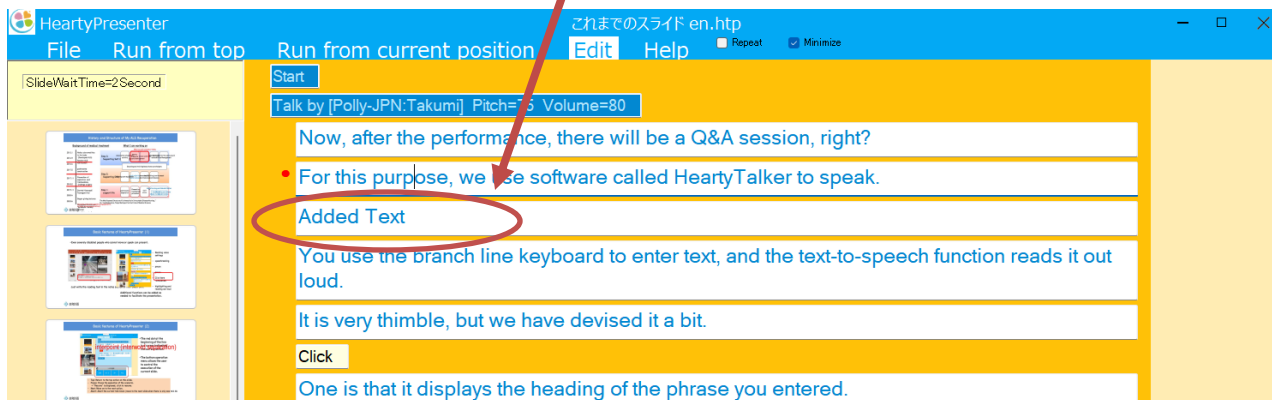
3-3-1. Add Talk Text



① Click on the upper row you want to add.

② Click [Add] from the menu.

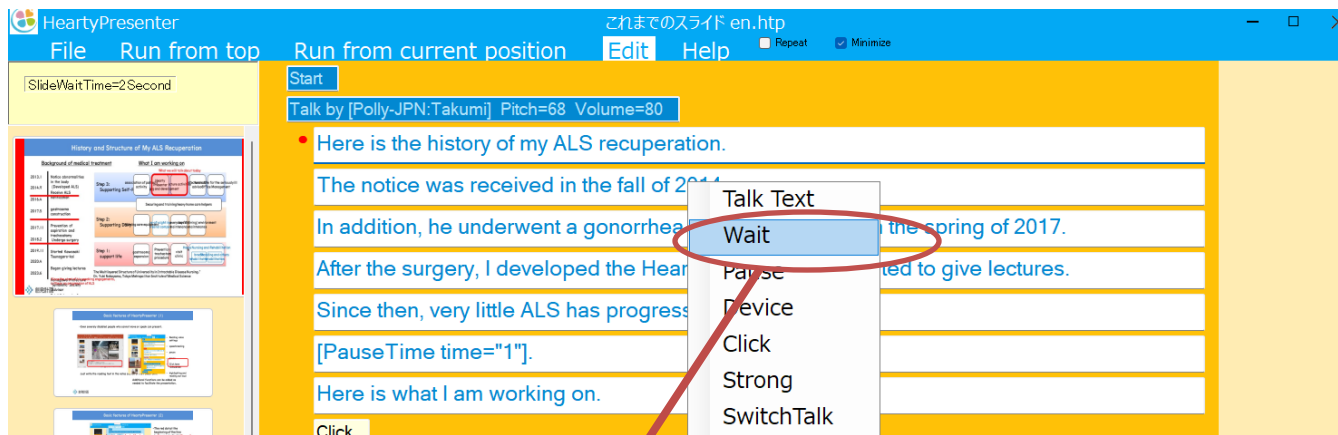
③ Then, click [Talk Text] from the menu.



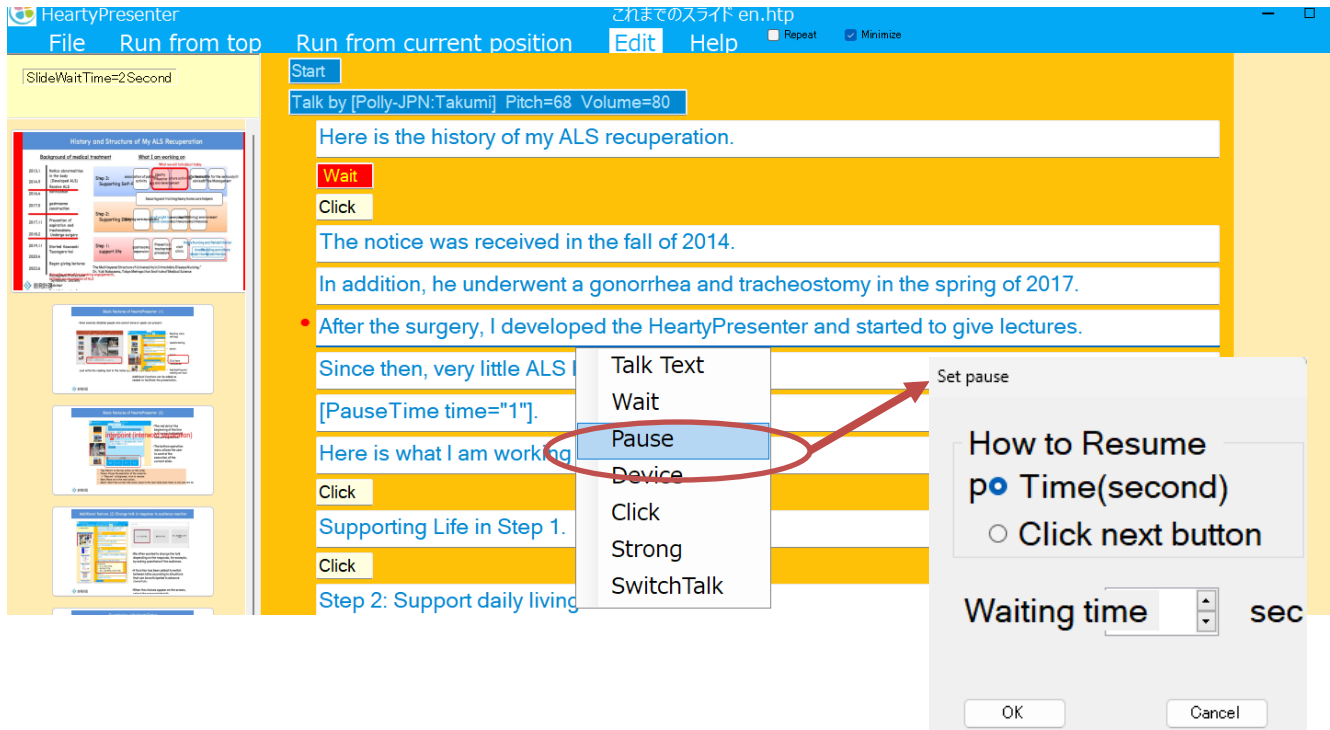
④ A new text line is added, click again and select [Change] to edit (see 3-4-2.).

3-3-2. Add Wait

- ① Click on the upper row you want to add.
- ② Click [Add] from the menu.
- ③ Then, click [Wait] from the menu.
- ④ Wait is inserted.

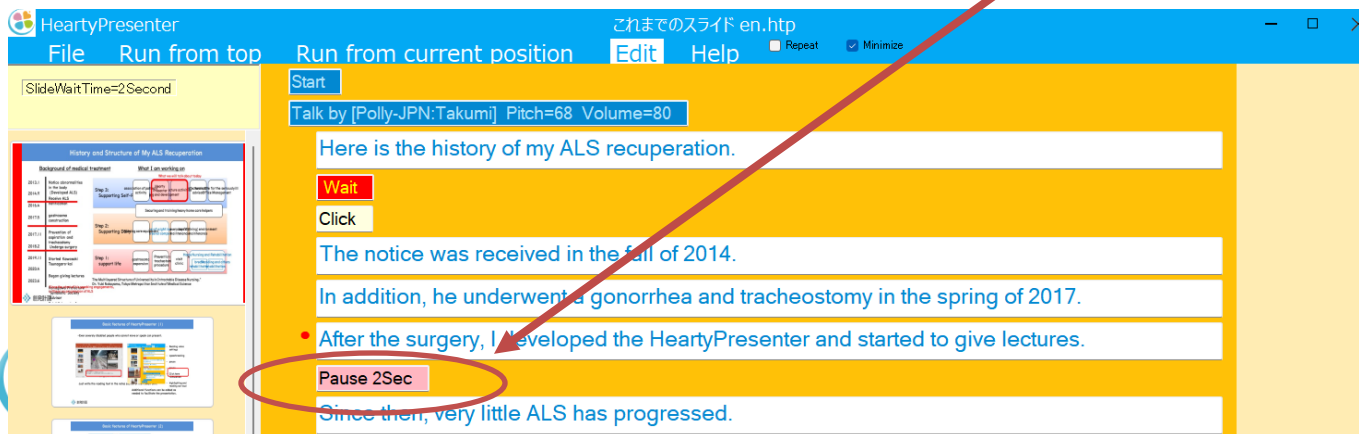


3-3-3. Add Pause



- ① Click on the upper row you want to add.
- ② Click [Add] from the menu.
- ③ Then, click [Pause] from the menu.

- ④ Specify parameters in the settings window.



- ⑤ Pause is inserted.

(Reference) How to use Click Simulation

- A click simulation generates a click that serves as the timing of an animation.
- Depending on the clicks used in the animation in the slide, describe them in the scenario.

The image displays a PowerPoint presentation interface with the 'Animation Window' (アニメーション ウィンドウ) open. The window lists five animation steps, each with a click icon and a target element:

- 1. Click (star icon) on '楕円 7' (Ellipse 7)
- 2. Click (star icon) on '楕円 3' (Ellipse 3)
- 3. Click (star icon) on '楕円 4' (Ellipse 4)
- 4. Click (star icon) on '楕円 5' (Ellipse 5)
- 5. Click (star icon) on '楕円 5' (Ellipse 5)

Red arrows point from these click events to a scenario script on the right. The script is a sequence of actions and text:

- Start
- Talk by [Polly-JPN: Takumi] Pitch=80 Volume=...
- Text: さて、神経難病患者の世界について、紹介します。
- Click
- Text: まず、私というか、患者本人がいます。
- Pause 2Sec
- Click
- Text: その周りに、医療・介護など日々を支える人たちがいます。
- Pause 2Sec
- Click
- Text: 更にその周りには、制度利用や社会参加を支えてくれる人たちがいます。
- Text: 医療や介護の関係者やボランティアがります。
- Pause 2Sec
- Click
- Text: その周りに、通常というか、障害者の世...

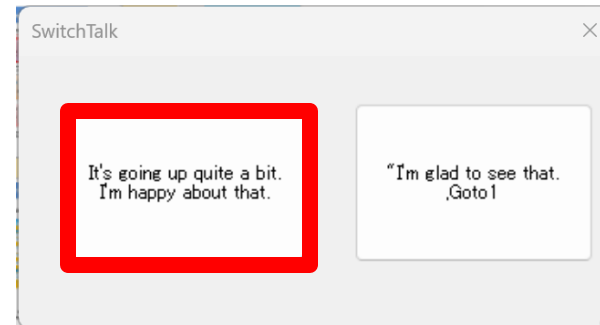
The background slide shows a diagram with four numbered circles (1-4) corresponding to the animation steps:

1. 患者本人 (Patient)
2. 医療・介護など日々を支えてくれる人々 (People who support daily life through medical care and nursing)
3. 制度利用や社会参加を支えてくれる人々 (People who support using systems and social participation)
4. 社会参加の機会を提供してくれる人々 (People who provide opportunities for social participation)

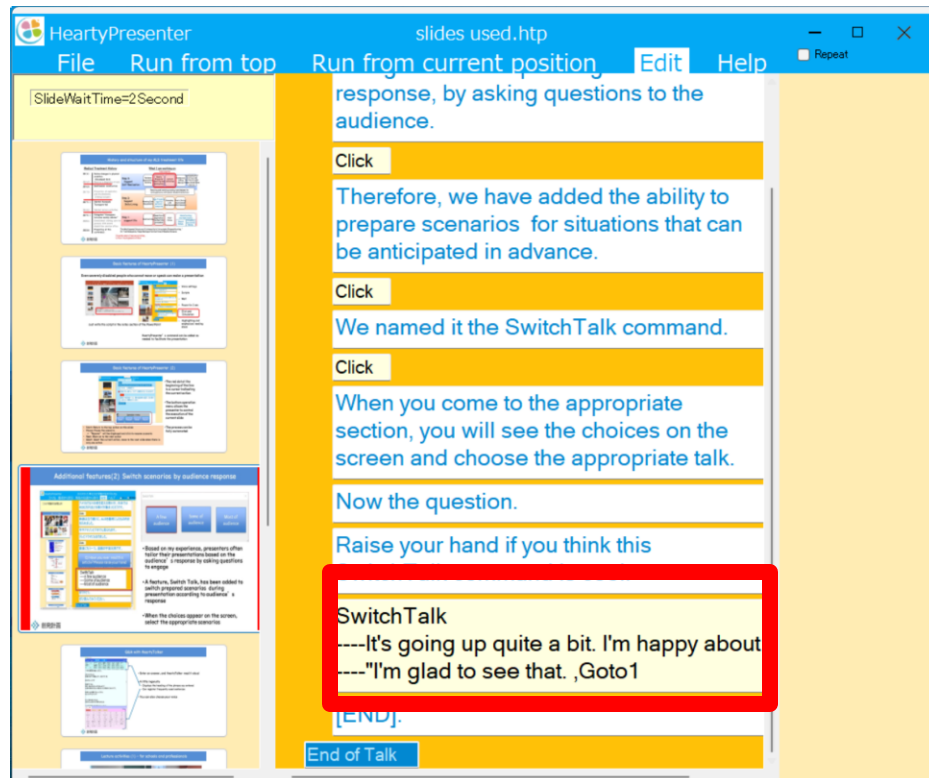


3-3-5. Add Switch Talk

You can change talk in response to audience reaction.

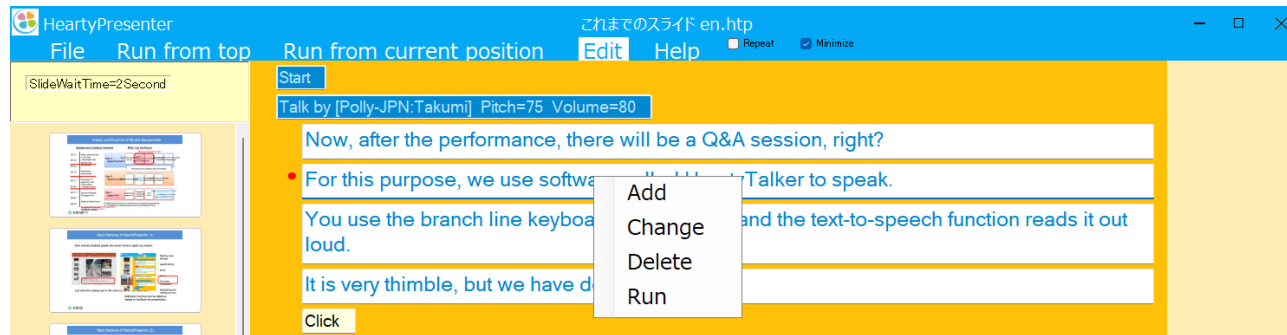


- ① Click on the upper row you want to add.
- ② Click [Add] from the menu.
- ③ Then, click [Switch Talk] from the menu.
- ④ Set choices of talk according to situations that can be anticipated.



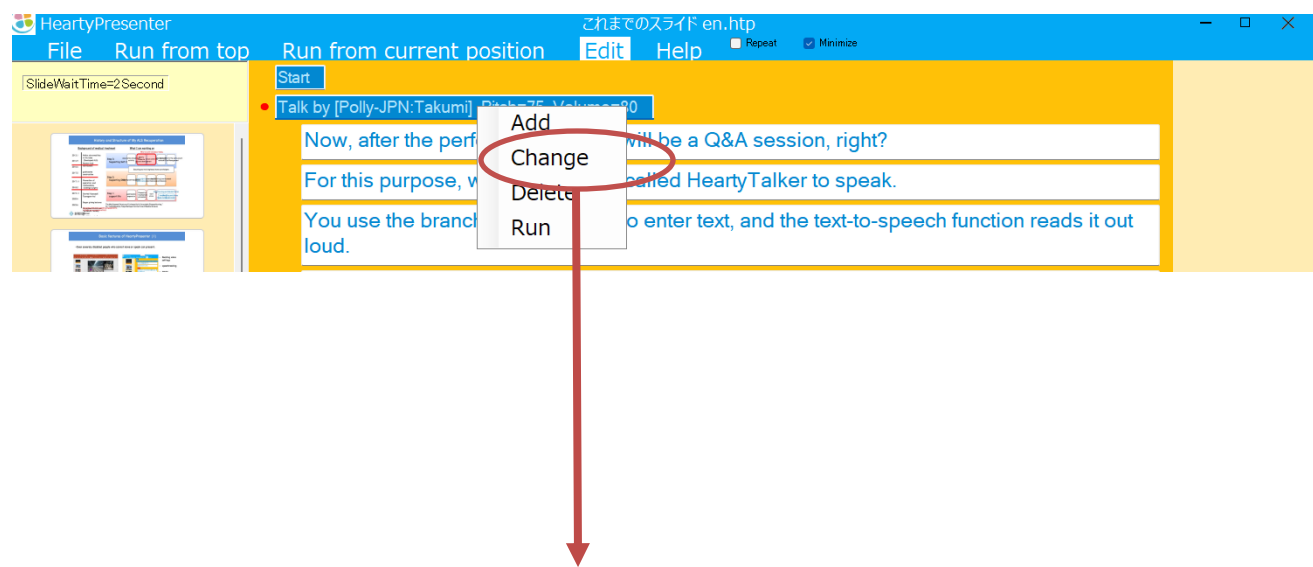
The image shows the HeartyPresenter software interface. The title bar reads "HeartyPresenter slides used.htp" and includes a "Repeat" button. The menu bar contains "File", "Run from top", "Run from current position", "Edit", and "Help". The main window displays a slide titled "Additional features: Switch scenarios by audience response". The slide content includes several paragraphs and a section titled "SwitchTalk" which is highlighted with a red border. The "SwitchTalk" section contains the text: "----It's going up quite a bit. I'm happy about" and "----'I'm glad to see that. .Goto1". Below this section is a blue button labeled "End of Talk".

3-4. Change actions

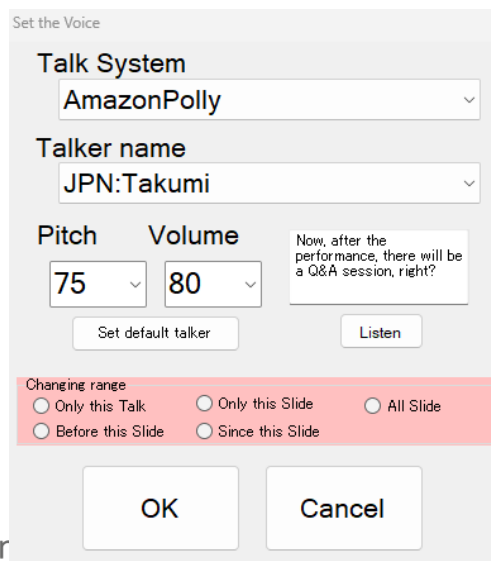


- ① Left-click on the area you want to edit and a menu will appear.
- ② Click a command from the menu.

3-4-1. Change the talk voice (1)



- Click on the Talk by... line and click [Change] from the menu.
- In the settings window, change the parameter.



- Talk system:
- Talker Name:
- Pitch:
- Volume:
- Listen:

3-4-1. Change the talk voice (2)

Set the Voice

Talk System
AmazonPolly

Talker name
JPN:Takumi

Pitch 75 **Volume** 80

Now, after the performance, there will be a Q&A session, right?

Set default talker Listen

Changing range

Only this Talk Only this Slide All Slide

Before this Slide Since this Slide

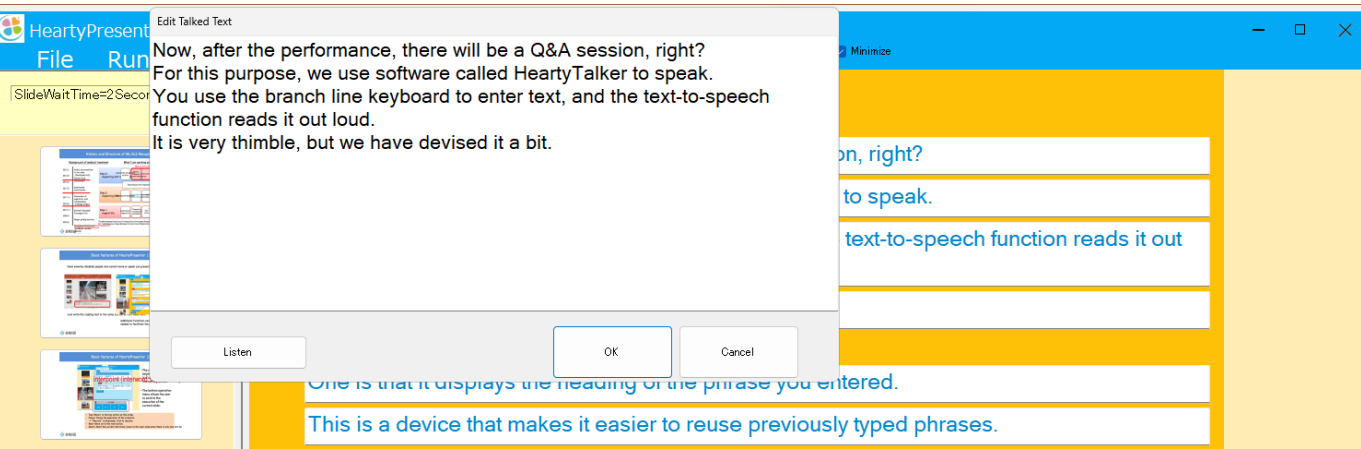
OK Cancel

- List of text-to-speech system and talkers

Microsoft Speech Engine	Amazon Polly
Microsoft Haruka desktop	JPN:Takumi
Microsoft Ichiro Mobile	JPN:Mizuki
Microsoft david desktop	ENG:Joey
Microsoft Zira desktop	ENG:Justin
Microsoft Ayumi Mobile	ENG:Matthew
Microsoft Huihui desktop	ENG:Ivy
	ENG:Joanna
	ENG:Kendra
	ENG:Kimberly
	ENG:Salli
	ENG:Brian
	ENG:Amy
	ENG:Emma
	CHN:Zhiyu

- ✘ For details to add Microsoft Speech Engine, see 4-1.
- ✘ AmazonPolly is a cloud service and requires a network connection for use.
- Scope of Change
 - Select the range of changes to the audio.

3-4-2. Change Talk Text



- ① Select the row you wish to change and click [Change].
- ② The “ Edit Talk Text” window will open and you can edit the text.
- ③ Click the [Listen] button to check the talk.

- Since the text-to-speech function does not always read out loud as expected, [Listen] to confirm.
- Note that the talk is done from the cursor position.

3-4-3 Change Pause

In addition, he underwent a gonorrhoea and tracheostomy in the spring of 2017.

After the surgery, I developed the HeartyPresenter and started to give lectures.

- Pause 2Seconds

Since then, very little ALS has progressed.

[PauseTime time="2"].

Here is what I am working on.

Click

Time(second)

- Click next button

OK Cancel

Pause left button

① Click the row you want to change.

② Click on [Change] from the menu.

③ Specify parameters in the settings window.

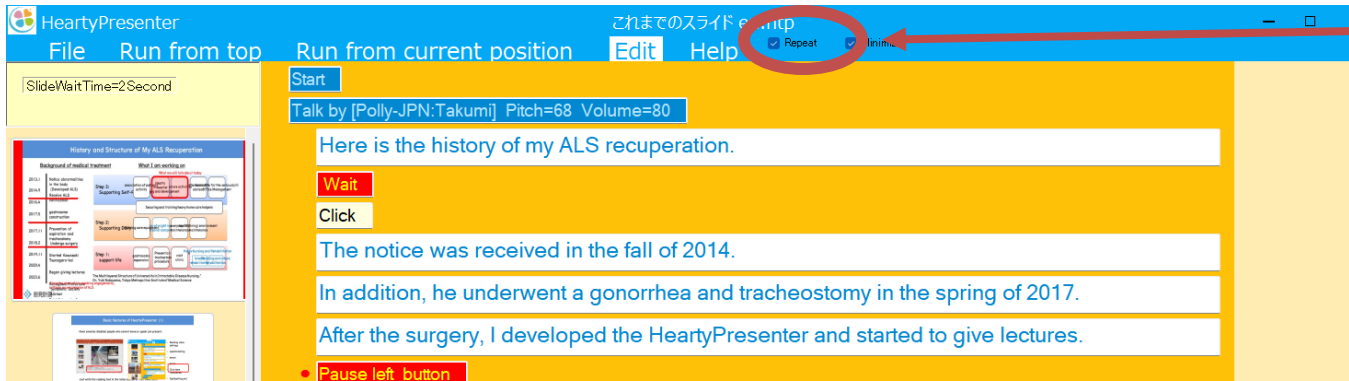
④ The parameters of Pause are changed.

4. Advanced usage

4-1. Add a Microsoft Speech Engine talker

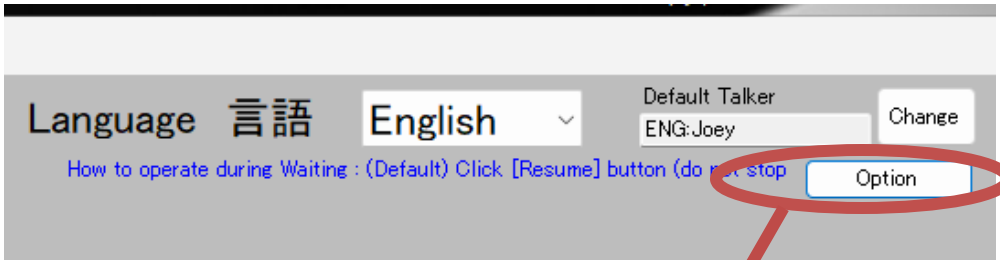
- After installing the Japanese text-to-speech feature in Windows 10 (by the steps in 1-2), you will see three types of voices.
 - Haruka desktop
 - Ichiro Mobile
 - Ayumi Mobile
 - Only Haruka can be used with HeartyPresenter, but by changing the registry, both Ichiro Mobile and Ayumi Mobile can be used.
 - Download the "Windows 10 64bit Ayumi Ichiro Registration.zip" from the following page, unzip and run it.
 - <http://beta.heartypresenter.com/download/>
- ※ Please note that this support is limited to Windows 10 64-bit version.

4-2. Play a scenario repeatedly



- If you want to play the scenario repeatedly, check "Repeat" and run it.
- During repeat execution, wait and pause are skipped.

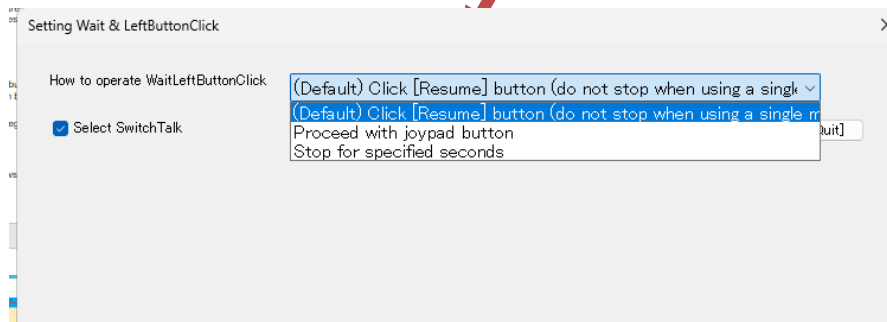
4-3. Proceed the scenario with the click/joyypad button (1)



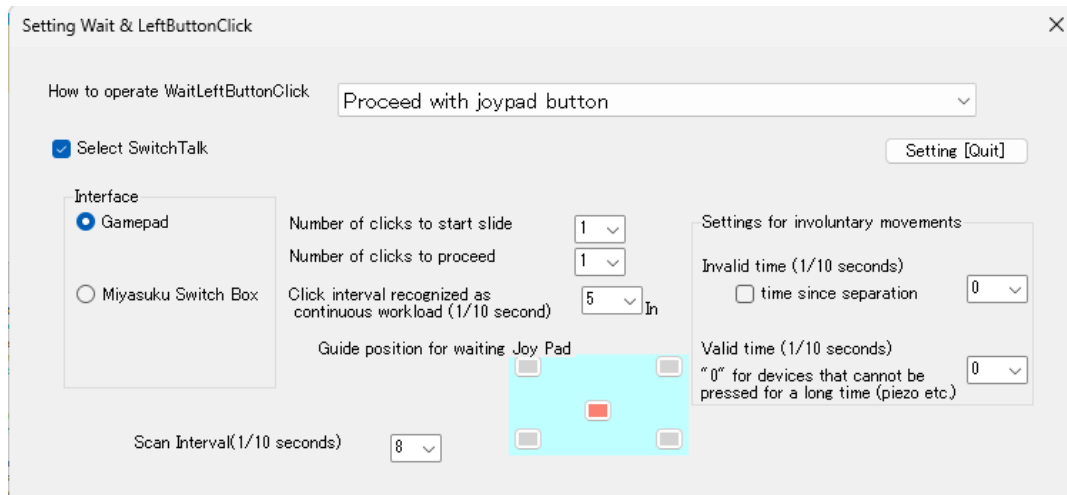
- Launch HeartyPresenter.
※ Note that it is not displayed when started from a scenario file.

- Select “Option” in the upper right corner.

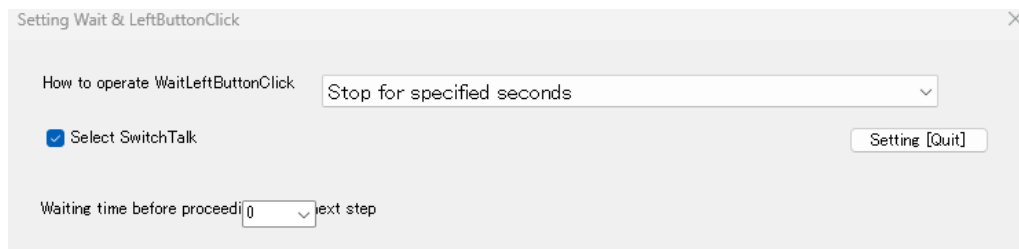
- Select Menu
 - Click [Resume] button
 - Proceed with joyypad buttons
 - Stop for specified seconds



4-3. Proceed the scenario with the click/joyypad button (2)



- Proceed with joyypad buttons
 - By the following setting, you can avoid accidental clicks / pushes.
 - Number of clicks to start/proceed
 - Click interval recognized as continuous workload
 - Setting for Involuntary Movement



- Stop for specified time
 - At the point where a click is required, after the specified seconds have elapsed, click is generated after the specified number of seconds has elapsed.

4-4. Reflect the scenario in the PowerPoint file

- Though you edit the talk script or action on the scenario, it will not be reflected in the notes in the PowerPoint file. It is inconvenient when reusing slides.
- You can write the edited scenario (talk script, actions) back to the notes field.
- Select "File" from the menu
Then, from the side menu,
select "Sync with PowerPoint Files".. from the side menu.

