



## Extra Materials: Video Format Conversion

July 22-24, 2005

The Department of Computer Science, HKUST

## Outline



- Animation compression using TMPGEnc
- Using the resources provided
  - USB port
  - Card reader

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## Animation compression using TMPGEnc



- The animations produced by gITIP are in AVI (uncompressed) format.
- The file size is too large for storage purpose.
- A software, TMPGEnc, can help you to convert the animation into MPEG-1 format.



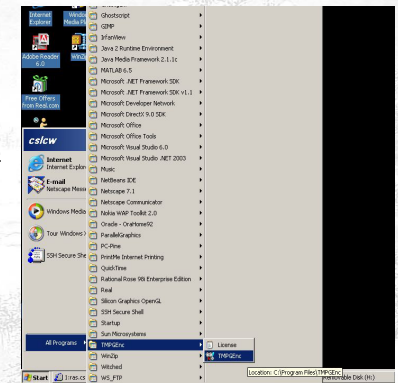
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## Getting Start



- TMPGEnc has been installed in the lab.
- Also downloadable at [http://www.tmpgenc.net/e\\_main.html](http://www.tmpgenc.net/e_main.html)
- To start the application, click on the Desktop's "Start" button ▶
- Select "TMPGEnc" ▶ "TMPGEnc".



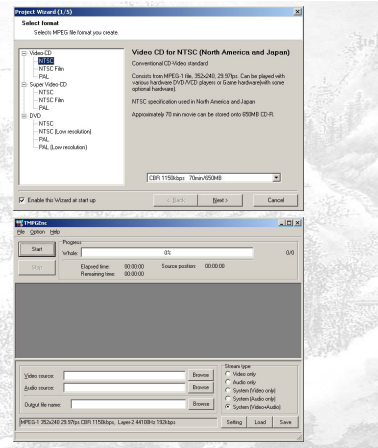
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# Setup for the TMPGEnc



- A Window (project Wizard) will pop up and requests the user to setup the application.
- You may skip this step by Clicking "Cancel", then, default options will be used.
- The Interface for TMPGEnc will then be opened



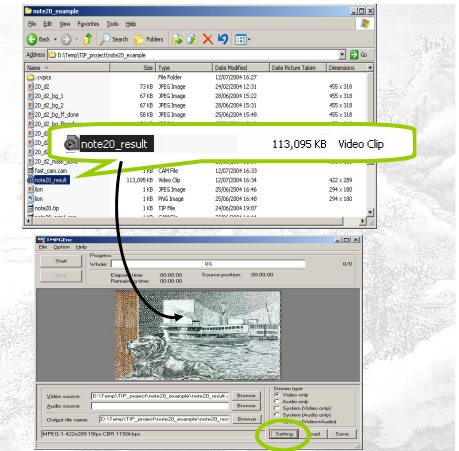
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# Input the Source



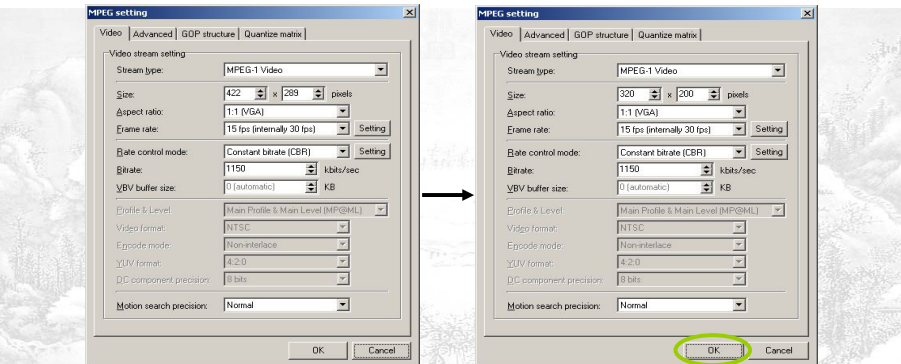
- To select the input animation, you can simply drag it into the TMPGEnc interface
- Click on the "Setting" button and ready for the animation compression.



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# Setting for animation compression

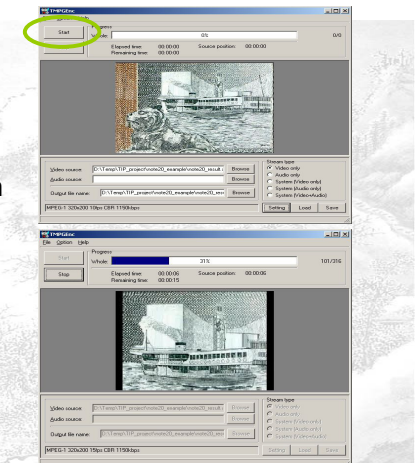


- To make it work, you need to adjust the dimension of the output animation.
- The width & height must be multiples of 8.
- Commonly used dimensions are 4:3 - 320x240 or 640x480.
- Click the "OK" button when the setting is done.

# Final Step



- By default, the compressed animation will be put into the same directory as the input source.
- You may change the output path or filename by clicking the "Browse" button of the "Output filename" field.
- Click the "Start" button to compress the animation.
- The animation will be played as the compression progress.



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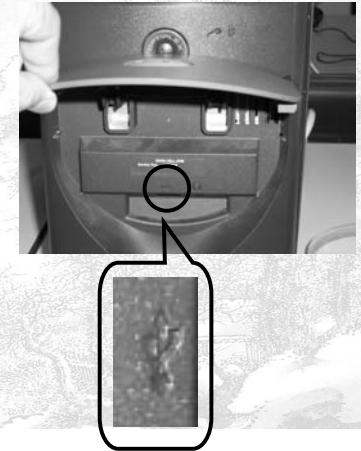
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## Using the USB port



- Whenever you need to transfer data from the digital camera or memory card reader, you need to connect the USB cable to the Computer.
- Two USB ports can be found after you have opened the lid of the computer.



## Note



- If you need to process the photos stored in the memory card, you are suggested NOT to edit them directly.
- The memory cards are not suitable to read / write data frequently.
- Please transfer the files to the local computer (e.g. d:/temp) for editing purposes.

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