

Inserting Videos Into a Beamer Presentation

CSCI 318

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What is Beamer and Why?

Beamer is a LaTeX package used specifically for creating presentation slides. It takes advantage of the typesetting system and works along with all other packages. The tool helps create a sleek look for slides and professional environments.

The Two Different Methods

- 1 Linking to a local file
- 2 Linking to a youtube video

Both are equally **effective** measures

Linking to a Local File

Before you start: There are some basic steps required to kickoff the process.

Use The Right Package

multimedia package

Begin a New Frame

Helps keep everything organized and easy to readjust

Linking to a Local File

Step by Step Procedure:

- 1 First start off by using the centering command. (Forward slash, center)
- 2 Next use the movie command. By adding the movie command you embed the video and let the system know to open it from local repository.
- 3 Inside the square brackets of the movie command, add externalviewer. If you would like to preview a thumbnail, use includegraphics command.

Linking to a Local File

Here's an example of what the code should look like so far.

```
\begin{frame}{Video on your pc}  
\centering  
\movie[externalviewer]{  
\includegraphics [width=\textheight]{  
}
```

```
\end{frame}
```

Linking to a Local File

The very last step is to include the video file name in the last set of curly braces.

```
\begin{frame}[Video on the computer]  
  \centering  
  \movie[externalviewer]{\includegraphics[width=\textwidth,  
    keepaspectratio]{figures/image.jpg}}{video_  
    beamer.mp4}  
\end{frame}
```

Note: Video may not work if video file is too **large** in size.

Live Demonstration



Linking a Youtube Video

Linking in a youtube video is a simpler alternative if you cannot get the first method working.

Step by Step Procedure:

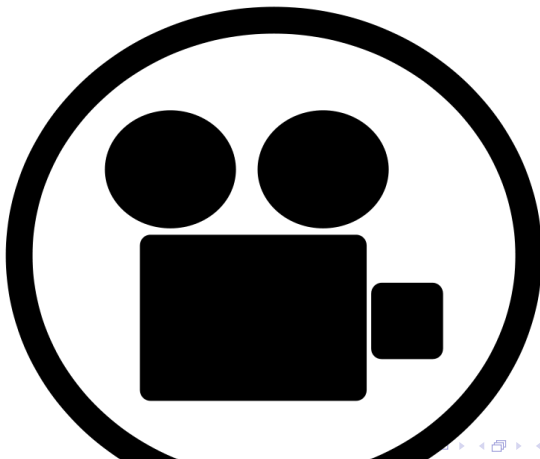
- 1 Begin creating a figure in the frame.
- 2 Repeat includegraphics command with intended thumbnail.
- 3 To hyperlink the video, use href command with video link inside the curly braces. (forward slash href)

Linking a Youtube video

Here's an example of what the code should look like so far.

```
\begin{figure}
  \centering
  \href{https://youtu.be/05Z8yjBNZVg?si=pLilLPHnf8izfFqu}{
  \includegraphics[width=\textwidth,keepaspectratio]
  {Images/1381070386.png}
  \label{fig:enter-label}}
\end{figure}
```

Linking a Youtube Video



Key Notes/Takeaways

- Beamer is a great tool for the professional environment.
- Using videos in a presentation can elevate your point across to the audience.
- Make sure to use the right package.
- Be wary of file size.
- If one method does not work, try the other.