

MULTISIM AND ULTIBOARD

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import and saving wav file in Multisim?

 flippers
Member

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12-26-2009 07:06 PM

I still don't understand how to import an audio wav file for the purpose of testing audio circuits. I have managed to use Labviews microphone option but there must be some other way to import a wav file and to also save the wave file from the Labview speaker output? There was some mention of creating an instrument that could read wav files? Is there a example of this somewhere?

Thanks.

★

0 KUDOS

(15,676 Views)


Message 1 of 22

REPLY

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Re: import and saving wav file in Multisim?

 Tien_P
Yes, I accept
(Retired)

12-29-2009 11:46 AM

Options ▼

Hi,

In Multisim there is a microphone but this component require you to connect a real microphone to your computer and speak into it and your computer records the signal. I don't know of an example available that can import a wave file and then convert that file to something that can be import into Multisim.

Best regards,
Tien Pham

Tien P.

National Instruments



0 KUDOS (15,643 Views)

Message 2 of 22

REPLY

Re: import and saving wav file in Multisim?



flippers

Member

Author

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12-29-2009 01:13 PM

I have managed to solve my issue by using a virtual audio cable.

<http://software.muzychenko.net/eng/vac.html>

Thanks.



0 KUDOS (15,639 Views)

Message 3 of 22

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Re: import and saving wav file in Multisim?



Gorik

Member

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03-05-2011 01:56 PM - edited 03-05-2011 01:59 PM

I've created a labview instrument for Multisim 11.

With this one you can import wav files and simulate them (NOT REAL-TIME)

Cheers,

Gorik

 [WAVplayer.zip](#) 486 KB




1 KUDO (14,761 Views)

Message 4 of 22

REPLY

Re: import and saving wav file in Multisim?



 Fernando_D

Active Participant

Options ▼

03-07-2011 09:10 AM

Hi Gorik,

Thanks for sharing this, it works great!

Regards,

Fernando D.
National Instruments

Tags: [import_wav_file_multisim](#) [LabVIEW_Instrument](#)

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0 KUDOS (14,734 Views)

Message 5 of 22
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REPLY

Yes, I accept

Re: import and saving wav file in Multisim?



ReinhardH

Member

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01-09-2014 06:51 AM

Hi there,

I am using Multisim 13 and the CTGenerator does not show up nor does it work. Can someone tell me what needs to be done to get it working in Multisim 13?

Thanks & Regards,
Reinhard

**0 KUDOS** (12,735 Views)

Message 6 of 22

REPLY

Re: import and saving wav file in Multisim? 🔒



Fernando_D

Active Participant

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01-09-2014 10:50 AM

Hello,

According to the readme file included this instrument was created using LabVIEW 2009, therefore you will need to install the LabVIEW Run-Time Engine 2009. [Click here](#) to download it for Windows 32-bit.

After this open Multisim 13, go to **Options>>Global Options>>Paths**. Copy the **User LabVIEW instruments path** and open it. Close Multisim. Place the *GTGenerator* folder and the *GTGenerator.llb* file in this path and open Multisim. The instruments should appear in the LabVIEW Instruments toolbar.

Hope this helps.

Fernando

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**0 KUDOS** (12,723 Views)

Message 7 of 22

REPLY

Re: import and saving wav file in Multisim?



ReinhardH

Member

Options ▼

01-09-2014 03:38 PM

Hi Fernando,

Thank you for your help. It works great.

Regards,

Reinhard



0 KUDOS (12,706 Views)

Message 8 of 22

REPLY

Re: import and saving wav file in Multisim?



senaka2014

Member

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10-09-2015 01:13 AM

How do we do create corresponding dll file?



0 KUDOS (10,454 Views)

Message 9 of 22

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Re: import and saving wav file in Multisim? %



WenR

Member

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Yes, I accept
10-09-2015 04:56 PM

Hi [senaka2014](#)

Could you please further explain your question? If what you want is to generate a DLL file from the LabVIEW project involved, you can follow the steps in the following document:

[How Do I Create a DLL from a LabVIEW Project?](#)

WenR



0 KUDOS (10,439 Views)

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REPLY

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