











## The AVIOS Student Speech Application Contest Entry Form 2011-2012

Demonstrate your creativity and programming skills in voice-enabled and multimodal applications by entering the AVIOS Speech Application Development Contest organized by the Applied Voice Input Output Society. Develop a speech mediated application by January 13, 2012 and win cash, software, and hardware prizes as well as world-wide recognition on the AVIOS web site and other public announcements.

### Contest rules

1. Students must be currently enrolled in high school or in an accredited university or college. A faculty advisor must validate that the contestants are students by completing and submitting this form. Students may form teams of five or fewer members.
2. The application must use speech recognition. It may also support other modes and media. It must be operable in English, although other languages may be included. It must run on a commonly available hardware/software platform. Suggested platforms:

	Multimodal web application using Angel's SiteBuilder Toolkit*
	Speech Mashup using AT&T Natural Voices speech synthesis and Watson speech recognition
	Mashup using Cepstral VoiceVault with 30 synthesized voices
	Conversational Dialog using RavenClaw/Olympus
	Google Android SDK for mobile devices
	MIT multimodal platform using Summit speech recognition
	Nuance – development suite for speech applications
	Multimodal Mashup using scripting languages Groovy, JavaScript, PHP, Python, Ruby, Tropo, Prophecy, and Evolution from Voxeo
	Openstream cue-me studio, an open standards based multimodal cross-platform development tool
	TTS and ASR mobile SDKs for iOS / Android / BlackBerry and web API that anyone can use to develop and launch speech apps

3. The application must be non-confidential, non-proprietary, and preferably open source.
4. The application must be submitted for judgment by January 13, 2012.
5. Teams must arrange for hosting their contest applications for testing and evaluation by the contest judges after submission and through end of January, 2012, and for general public use from March through April 2012.
6. The application content must not be illegal or in poor taste. All work must be original.
7. Judges will be speech application experts from AVIOS. Judges will use the following criteria: robustness, usefulness, technical superiority, user friendliness, innovation, and creativity.
8. Winners will be publicly recognized at the Mobile Voice Conference in San Francisco in March 12-14, 2012.
9. The judges' decision is final. All contest winners must supply personal identification before collecting prize money.
10. Winning entries and other submitted applications selected by the judges may be posted on the AVIOS Web site to inspire other speech and multimodal application developers. AVIOS may use the application resources (such as audio and visual materials) for promotional purposes in future years.
11. Any one student can participate in at most two (2) entries.
12. By submitting an entry, contestants verify that the submitted application is their own original work, and agree that AVIOS is not liable for any copyright or intellectual property claims. Contestants may need to obtain permission from their platform vendor before commercializing the submitted application or any of its derivatives.

**The AVIOS Student Speech Application Contest Entry Form  
2011-2012**

We intend to submit a speech application on or before January 13, 2012. We agree to the above contest rules.

<b>Student name</b>	<b>E-mail address</b>	<b>School and department</b>	<b>Signature</b>

General topic of the application: \_\_\_\_\_

Check the platform(s) you will use:

- Angel
- AT&T Mashup using AT&T's speech synthesis and speech recognition
- Cepstral Mashups using 30 synthesized voices using VoiceVault from Cepstral
- CMU Conversational Dialog: RavenClaw/Olympus
- Google Android mobile device
- MIT WAMI web-accessible multimodal interface
- Nuance
- Openstream 'cue-me' studio
- Voxeo Mashup using Groovy, JavaScript, PHP, Python, Ruby, Tropo, and Prophecy
- iSpeech self serve development portal

I verify that the above students are enrolled at an accredited university, college, or high school.

<b>Faculty Advisor name</b>	<b>E-mail address</b>	<b>School and department</b>	<b>Signature</b>

Fax this completed form to +1.408.323.1782 or e-mail this completed form to Peggie Johnson at [peggie@avios.org](mailto:peggie@avios.org) on or before January 13, 2012.

**Critical dates:**

Application submitted by January 13, 2012  
Winners announced March 13, 2012