











## The AVIOS Student Speech Application Contest Entry Form 2009 - 2010

Demonstrate your creativity and programming skills in voice or 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 15 and win cash, software, or hardware prizes worth over \$1000 per student team plus world-wide recognition on the AVIOS web site and other public announcements.

### Contest rules

1. Students must be 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 support speech input and/or output and may support other modes and media. Teams may choose to implement applications using any of the following platforms:

	Speech Mashup using AT&T Natural Voices speech synthesis and Watson speech recognition
	Mashup using Cepstral's VoiceForge TTS service with 50 voices in 5 languages
	Conversational Dialog using RavenClaw/Olympus
	Android SDK for mobile devices
	Voice-only using VXI* VoiceXML browser from i6net
	Loquendo VoxNauta Platform with languages English, Italian, Spanish, French, or German
	Voiced only using LumenVox Speech Engine Standard License
	Microsoft's Speech API in Microsoft Windows, Microsoft Unified Communications Managed API, and Tellme VoiceXML Platform
	Multimodal using XHTML plus VoiceXML from Opera
	Voice-only using VoiceXML from Voxeo Prophecy; Mashup using scripting languages Groovy, JavaScript, PHP, Python, and Ruby and Tropo.com from Voxeo

3. The application must be non-confidential, non-proprietary, and preferably open source. Submitted applications must be executable on one of the five platforms listed above.

4. All team members must complete the contest entry form before November 30, 2009 with notification of acceptance sent to teams by December 15, 2009. The application must be completed during the following two months, and submitted for judgment by January 15, 2010. Only accepted applications will be judged.

5. Teams must arrange for hosting their contest applications for testing and evaluation by the contest judges during February, 2010, and for general public use from March 2010 through March 2011

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 Voice Search Conference in San Diego on March 2010.

- The judges' decision is final. All contest winners must supply personal identification before collecting prize money.
- 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.
- Any one student can participate in at most two (2) entries.
- 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.

We intend to submit a speech application on or before January 15, 2010. 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:

- 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
- I6net Voice only using VoiceXML from i6net
- Loquendo Voice only VoiceXML with languages English, Italian, Estonian, French, or German
- Lumenvox Voice only using Lumenvox
- Opera Multimodal using XHTML plus VoiceXML from Opera
- Voxeo Voice only using VoiceXML from Voxeo Prophecy
- Voxeo Mashup using scripting languages Groovy, JavaScript, PHP, Python, and Ruby and Tropo.com from Voxeo

Special hosting requirements (JSP servlets, .NET/ASP servlets, etc.)

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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 November 15, 2009.

**Critical dates:**

Entry form submitted by November 30, 2009

Application submitted by January 15, 2010.

Winners announced February 2010

Winners awarded formally March 2010