

The AVIOS Student Speech Application Contest Entry Form

2007 - 2008

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 31 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.

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Contest rules

1. Students must be enrolled in an accredited university or college (graduate and/or undergraduate) or high school. 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 output and may support other modes and media. Teams may choose to implement applications using any of the following platforms.
 - (a) VoiceXML using any of the following VoiceXML development platforms:

Name	URL
BeVocal Cafe	http://cafe.bevocal.com
Loquendo Café	http://www.loquendo.com/en/services/loquendo_cafe.htm
Voxeo Prophecy	http://www.voxeo.com/prophecy/
Tellme Studio	http://studio.tellme.com
VoiceGenie Developer Workshop	http://developer.voicegenie.com
Voxpilot Voxbuilder	http://www.voxbuilder.com

- (b) Java or other servlet construction language for dynamic VoiceXML generation; interoperates with platforms such as those above, specifically
[Sun Java](#)
[Eclipse](#) integrated development environment

- [Tomcat](#) servlet management
- (c) Microsoft SAPI 5.3 in Windows Vista
 - [Speech API 5.3 Overview](#)
 - [Speech API 5.3 Development](#)
 - [Speech Recognition and Synthesis in Windows Vista](#)
 - (d) RavenClaw/Olympus
 - [Information and download](#)
 - (d) [XHTML plus VoiceXML on Opera](#)
 - (e) Speech Application Language Tags (SALT)
 - [SALT Programmer's Reference](#)

To participate in a discussion of suitable development and deployment platforms, visit the AVIOS Forum at http://www.avios.org/forum_new/ and select the topic "AVIOS Speech App Contest."

3. The application must be non-confidential, non-proprietary, and preferably open source. Submitted applications must be executable on either a publicly available platform (TellMe, BeVocal, Voxeo, Loquendo, etc), or under software that is freely downloadable (Prophecy, RavenClaw/Olympus, SAPI5.3, etc.) for execution on readily-available operating systems. Exceptions to this policy will be considered – contact us to propose this alternative if necessary.
4. All team members must complete the contest entry form before November 15, 2007 with notification of acceptance sent to teams by December 1, 2008. The application must be completed during the following two months, and submitted for judgment on January 31, 2008. 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, 2008, and for general public use from March 2008 through March 2009
6. The application content must not be illegal or in poor taste. All work must be original. The application must be targeted to English speakers
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 10, 2008.

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 will be posted on the AVIOS Web site to inspire other speech and multimodal application developers.

Critical dates:
 Entry form submitted by November 15, 2007
 Application submitted by January 31, 2008.
 Winners announced March 10, 2008

We intend to submit a speech application on or before January 31, 2008. We agree to the above contest rules.

Student name	E-mail address	School and department	Signature

General topic of the application: _____

Which of the above tools / hosting environments will you use to implement your application?

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

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

Faculty Advisor Name	E-mail address	School and Department	Signature

Fax this completed form to +1.408.323.1782 or e-mail this completed form to Peggie Johnson at peggie@avios.org on or before November 15, 2007.