

Call for Participation

IOESFC 2006 – Automotive PC

International Open Source Embedded Software Competition

Steering Committee

Pao-Chung Ho, Taiwan
Tei-Wei Kuo, Taiwan
Fei-Pei Lai, Taiwan

Panel of Judges

Riccardo Bettati, USA
Jing Chen, Taiwan
Hans Hansson, Sweden
Jwu-Sheng Hu, Taiwan
Tai-Yi Huang, Taiwan
Jia-Ru Li, USA
Kwei-Jay Lin, USA
Sang Lyul Min, Korea
Kevin Morgan, USA
Raj Rajkumar, USA
Lui Sha, USA
Chi-Sheng Shih, Taiwan
Jun Sun, USA
Ruey-Yuan Tseng, Taiwan
Chie-Chang Wu, Taiwan

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The Open Source Software Foundry (OSSF) cordially invites individuals and teams of individuals to participate in the 2006 International Open Source Embedded Software Competition (IOESFC). IOESFC 2006 is the first in a thematic embedded software competition series organized to promote the development of innovative and exemplary open source embedded software. We endeavor to assist the contestants to learn more about the latest trends in embedded systems, while enjoying a stimulating and productive experience in open source software design and development. You can find further details in the objectives and rules of the competition series in ***Invitations*** and ***Rules*** at the IOESFC 2006 website <http://iosesc.openfoundry.org>.

Theme of Competition The theme of IOESFC 2006 is automotive personal computers (auto PC): Entries are software products that run on auto PC and on-board units for cars, buses, motorcycles and bicycles. Features of interest include global position and navigation, geographical information and traveler advisories, wireless access and vehicle-to-vehicle communication, fuel economy, trip planning, kinematics, diagnostics, security and privacy, rider and pedestrian safety, and entertainment.

Judging Criteria You are encouraged to use existing open source components as a basis and build on top of that innovations of your own. Submissions will be judged not only for their utility and usability (10%), architecture, design, and implementation (20%) and creativity and originality (20%), but also on how effective they make use of existing open source components (20%) and how thorough attention is paid to quality assurance (20%) and documentation (10%).

Top Ten Reasons for Your Participation

1. Many leading embedded software experts will read your code!
2. You will have the coolest gadgets everyone wants.
3. You may find your gadgets in the world's best cars, motorcycles or bicycles.
4. You have a chance to win an impressive array of professional development tools.
5. You also can win an invitation to publish in the software track of *JISE Journal*.
6. You can get expert help throughout the competition.
7. Being an active member of open source software community is reason enough.
8. There are treasures in open source embedded software waiting for you to explore.
9. How can you pass a chance of showing off to the world your talents and skills?
10. Cash prizes totaling over 30,000 USD are not something to laugh at either.

Important Dates

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| ■ Due date of a 5000 - word description of your product | January 10, 2006 |
| ■ Announcement of preliminary winners | February 15, 2006 |
| ■ Due date of final software and documentation | June 10, 2006 |
| ■ Announcement of winners | July 10, 2006 |

Please read ***Submissions*** at IOESFC 2006 website for what you need to submit.