



OpenNICTA Open Source Software Information and Video Transcript

Software name: CAIRNS

Software description: CAIRNS (Cooperative Alert Information and Resource Notification System) demonstrates CIMS (Crisis Information Management System) interoperability with the following XML-based emergency messaging standards: EDXL-DE, EDXL-RM, CAP.

Project description: The CAIRNS software was created as part of NICTA's Smart Applications for Emergencies (SAFE) Project, which focuses on key elements of the process of predicting, responding to and recovering from a range of natural and man-made disasters.

Link to Software: <http://cairns.sourceforge.net/>

Video Transcript

Interview with Renato Iannella

Tell us about yourself and the research you are currently working on

Renato: My name is Renato Iannella. I'm Principal Scientist here at NICTA. The software that we've open sourced is called CAIRNS, which stands for the Cooperative Alert Information and Resource Notification System.

Tell us about your open source software

Renato: CAIRNS is primarily a software aimed at managing the tracking and the allocation of resources, particularly during a crisis or a major natural disaster, so it enables different organisations to allocate and offer resources for helping in re-establishing a community that has been affected by a natural disaster.

Why open source?

Renato: We open sourced CAIRNS because we looked at the opportunities from a commercial perspective, but we then weighed up the benefit from a humanitarian perspective which we found was greater because the more agencies and non-profits that use the CAIRNS software, the greater the response to a natural disaster – hence communities can then rebuild themselves quicker by using the CAIRNS software. So, we felt that that benefit outweighed the commercialisation opportunities.