2013 CIVL PLENARY – ANNEX 24A
SOFTWARE WORKING GROUP REPORT

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Introduction

At the 2012 CIVL Plenary, I was appointed Chairman of the Software Working Group. Given the many software projects under way in various stages within CIVL, a lot of work went into gaining an overview over CIVL's IT landscape, and to understand what the needs are for each of those projects. By now, this phase is completed, and we're about ready to formulate a development plan for each project. The next step will then be to start executing those plans with the help of a growing number of software developers. There are three over-arching goals behind all our work:

1. Independence from individuals – CIVL's projects and software programs are developed, operated and maintained by a community. Knowledge about all software matters is spread throughout that community, and documented in a way that allows for smooth personnel transitions.
2. User-driven development – the people using CIVL's software are our main source for ideas, inspiration, feedback and criticism. We constantly and actively seek their input, and aim to implement those features and functionality first which give users the highest value.
3. Simplicity – CIVL's software is made for pilots. To use it requires no more than average general computing skills.

Accomplished in 2012

General

1. Recruited 6 new team members: Tim Bishop, Audun Etnestad, Dawson Brown, Reavis Sutphin-Gray, Moshe Valenci, David Wheeler. Andreas Rieck and Oyvind Ellefsen can also be counted in amongst the SW WG members. Stein-Tore Erdal is still active occasionally.
2. Established contact and exchange with Acro Scoring group.
3. Support for Incident Reporting group, contributed towards Excel report form.
4. Established initial infrastructure for collaboration within SW WG: GitHub, Trello, BaseCamp.
5. Acquired server for all CIVL needs, performed initial installation.

WPRS

1. Removed minimum pilot number requirements for HG competitions.
2. Include all pilots in WPRS, regardless of FAI Sporting License status.
3. Created interim solution for pilot experience form at Asian PG Championship (unused).
4. Updated pilot experience and glider registration forms for 2012 European PG Championships.
5. Provided organizers of 2012 European PG Championships with printable version of pilot experience form, to be signed by each competitor.
6. Transition of code ownership from Stein-Tore Erdal to WG.

FS

1. Transition of code ownership from Stein-Tore Erdal to the WG.

2. Performed survey amongst FS users, to gain understanding of their needs. Received nearly 120 responses.
3. Created and published a written report on the survey's findings (available on http://fs.fai.org).
4. In addition to survey, held several lengthy interviews with FS users, to better understand their needs.
5. FS Release 1.3.0 (Jump the Gun for HG comps, many bug fixes), with subsequent bug fixes up to current Version 1.3.4.
6. Stand-by support and over-night bug fixing for European HG Championships and European PG Championships.

WXC

1. Maintenance.
2. Reporting.

On-going work

1. Move WPRS to CIVL server, hopefully up and running in January, 2013.
2. Recruiting more developers.

Future Work

1. FS: Implement rule changes decided by 2013 Plenary.
2. FS: Improve program structure for easier maintenance and future development.
3. FS: Integrated GPS download (top requested feature from survey).
4. FS: Integrated incident reporting.
5. CIVL Web (aka WPRS): Implement rule changes decided by 2013 Plenary.
6. CIVL Web: Online registration for competitions.
7. FS + CIVL Web: Direct upload of results and incident reports.
8. FS + CIVL Web: Import of registered pilots from competition web site.
9. Move FS website to CIVL server.
10. Move WXC to CIVL server.

Issues or concerns requiring Plenary or Bureau guidance/response

See separate proposals document

Issues of potential interest/relevance to other SCCs

See separate proposals document