

Web2cToolkit News

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Web2cToolkit Basics

- Framework for **Rich Internet Control System Applications (RIA)**
- Used by:
 - MCS1, Coordinators, HASYLAB Vacuum experts, beamline users, ...
- GUI:
 - runs in Web-browser
 - HTML, CSS, AJAX
- Web-Server:
 - Java servlet container
 - Java servlets
- User registry:
 - Guest users / Registered users
 - Non-Privileged users / Privileged users (expert, supervisor)
- Control systems interfaces:
 - TINE
 - DOOCS (EPICS and TANGO via DOOCS)

Web2cServlets

- Web2c-Synoptic-Display-Viewer
- Web2c-Archive-Viewer: zooming (“optical”) option
- Web2c-Gateway: http-gateway
- Web2c-Messenger: SMTP (e-mail, SMS) and Twitter
- Web2c-Logbook: text-only, auto-reporting option
- Web2c-Manager: interface for administrators
- Web2c-Editor: design tool for synoptic displays

Development Status

- New:
 - Single Sign-On
 - Inter-servlet communication
 - Google-Web-Toolkit (GWT) integration
 - GWT Widgets (HTML, CSS, AJAX)
 - GWT Remote Service (asynchronous)
- Next Release:
 - Expected for mid 11/2011
- Planned:
 - Web2c-Studio
 - Web2c-Editor: full-featured WYSIWYG editor (using GWT)