

Job title: Inner Detector Release Coordinator (ID RC)

Job description:

The ID RC has to oversee the technical aspects of the software development process and to supervise the integration for all Inner Detector packages in ATLAS software releases. The ID RC works closely with the ID Software Coordinator and the Subsystem Software Coordinators in the initial planning and then in the preparation of software releases. The position will be filled as soon as possible and lasts until the end of 2009.

In this role she or he ...

- 1) ... keeps an overview of the development progress for the deliverables for the next release(s), as defined by the ID Software Coordination. The ID RC follows up with the developers in case of problems and helps the ID Software Coordination to identify and correct them in case of delays.
- 2) ... is responsible that the ID reconstruction chain is running successfully in the nightly tests (ATN, RTT). In case of troubles, the ID RC is expected to organize a solution to the problem and see with the developers that it is implemented asap.
- 3) ... coordinates large scale migrations together with the developers of the specific packages. (i.e. changes affecting many packages, often with cross over dependencies to other detector systems).
- 4) ... controls the inclusion of software updates (== new tags) into the Athena nightly builds (via tag collector).
- 5) ... is expected to represent the Inner Detector in the release coordination meetings which take place Mondays and Thursdays.
- 6) ... is expected to give updates on the release situation in the various Inner Detector and general Atlas meetings. The ID RC reports on the release status on the ID software weekly and usually in the software session in ID week.
- 7) ... assigns Inner Detector software bug reports (Savannah) to developers and follows up to ensure that problems are fixed in a timely manner.

The job takes about 0.6 FTE which can vary depending on the release schedules and is credited in OTP.

Additional info/tasks:

- 1) The ID RC inevitably plays an important role in the maintenance of the InDetRecExample package which steers the Inner Detector reconstruction process.
- 2) The ID RC is granted cvs and tag collector rights for all packages in the Inner Detector and Tracking domain such that she or he can quickly intervene if needed.