**CADSWES Accomplishments – Software Maintenance: August 2014**

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Creating development environment on Windows 8.1

CADSWES staff configured a Windows 8.1 machine to support RiverWare development and created a document describing the procedures for doing this on other machines. To illustrate, the following are some of the steps involved in configuring a machine for RiverWare development:

* Install the compiler (Visual Studio 2010)
* Install third party software libraries (e.g., Qt and GDAL)
* Install configuration management tools (e.g., the source code versioning application, git, and a custom script for conducting regression tests)
* Configure permissions for access to remote source code repositories
* Create a local copy of the source code repository

As part of this work, problems were identified with the existing script for installing RiverWare libraries and that script was significantly redesigned.

Bugs

Bug 5528: RPL not displaying correctly on Windows 8.1