Document Revise Action in ProjectLink

How to enable Revise Action for Document object in the ProjectLink?

Current functionality

Documents created in the ProjectLink container cannot be revised. Even though the document object is not different from PDMLink container, the action being disabled in the ProjectLink for PDMLink business opportunity purpose (I guess so).

But in many customer places the use case is that project related document also will undergo revision. If customer is using ProjectLink for project management the document revision is mandatory for the customers. Even I have come across situation where customer request for this functionality. And it may not be a good approach to have PDMLink store project related documents just to use revise functionality. Instead the "Revise" action should have been made enabled for PDMLink installed customers.

How it is disabled?

com.ptc.windchill.enterprise.revise.validators.ReviseValidator is the class which validates the drop down action key and involved container and disables the revise action. In precise **validateIsInProjectLinkContainer(Object, ArrayList, UIValidationFeedbackMsg, Locale)** is the method in that class disables this action in the dropdown GUI as well as in the Revise Wizard.

How to enable revise action in ProjectLink?

Following are the simple steps I performed to enable the document revise in ProjectLink for a POC. For a caution I am modifying the original class file instead of extending that class (not tried this approach).
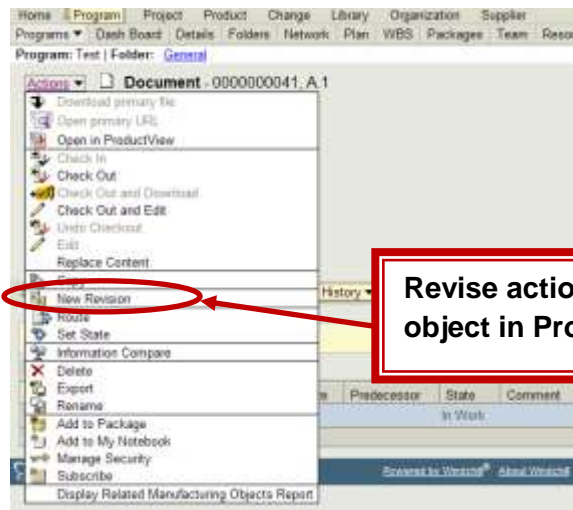
1. Open ReviseValidator.java (download)

2. Edit **validateIsInProjectLinkContainer()** method to return **false** (line # 593)
3. Edit resultSet.addResult(new UIValidationResult(validationKey, UIValidationStatus.HIDDEN)); line # 203 to resultSet.addResult(new UIValidationResult(validationKey, UIValidationStatus. ENABLED)); to enable the GUI enabled
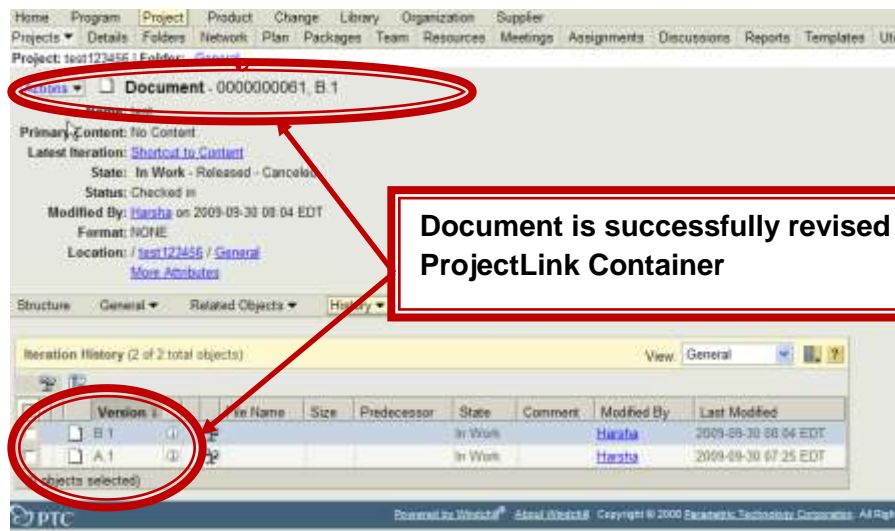
ReviseValidator_modified.java

4. Refer attached modified file.
5. Restart Tomcat and Method Server

Revise action is enabled for a document object in ProjectLink

Document is successfully revised in the ProjectLink Container

I have tested twice and didn't face any issue. Pl. let me if any one tried for alternate approach.

Other Bbusiness Usecase Impact

Enabling revision for document in the project container will have issue/impoact in the ProjectLink sharing and back to PDMLink checkin. Document revise action in ProjectLink container need to be enabled very carefully assessing other business impact.