

DevOps

This page contains all you need to know about the processes going into the technical side of BAU deployments.

To understand SCM controls further: [A. SCM Controls and Assurance Process](#)

Context: To follow devops SCM best practices, we have attested the devops_sas repository as a production repo, with the master branch being a protected branch. This means changes to the master branch will only be possible via pull requests. Changes to other branches can still be done normally.

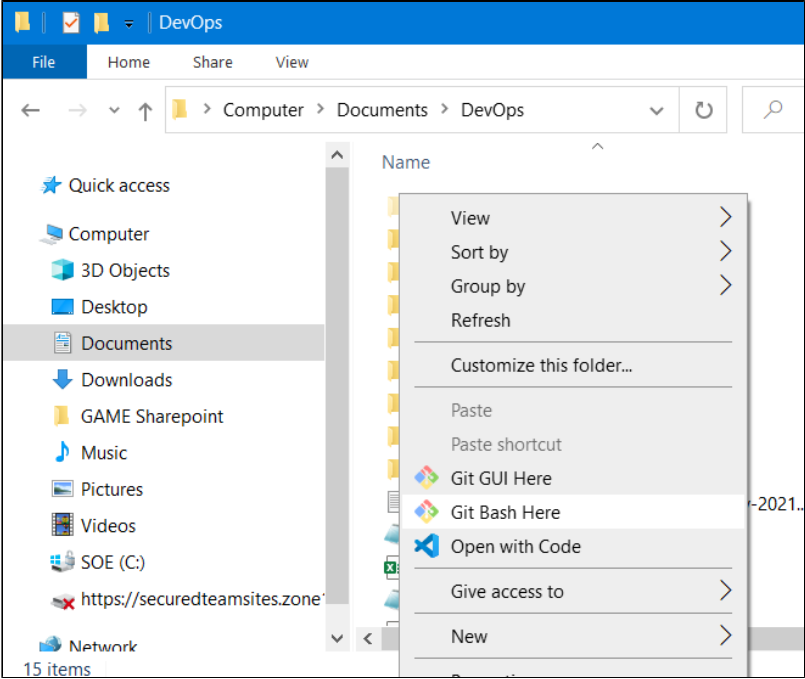
Bitbucket Project: <https://bitbucket.global.standardchartered.com/projects/SPLICE>

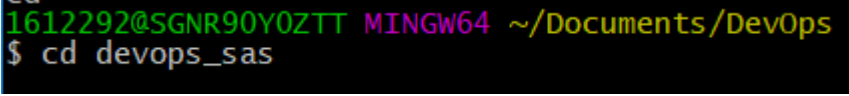
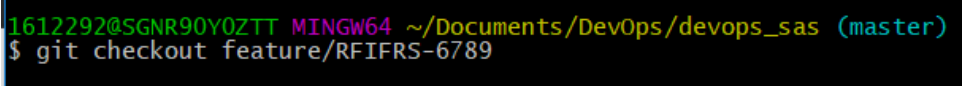
devops_sas repo (This is a production branch, do not practice here): https://bitbucket.global.standardchartered.com/projects/SPLICE/repos/devops_sas/browse

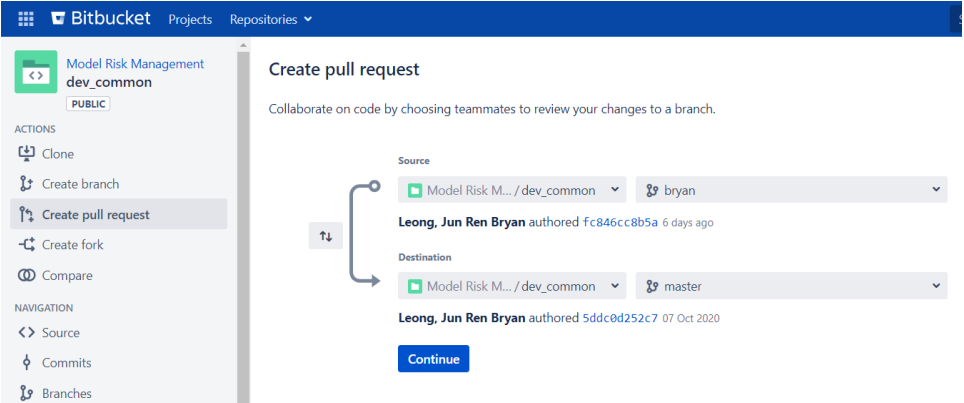
practice repo (Just don't delete the repo, or your colleague's branch): <https://bitbucket.global.standardchartered.com/projects/SPLICE/repos/team-dev/browse>

Git cheatsheet: <https://www.atlassian.com/git/tutorials/atlassian-git-cheatsheet>

Below are the following steps to make a change

Step	Action	On Bitbucket UI	In git bash	Example
1	Create feature branch	Click 'Create Branch' and branch out of 'master' with the naming convention feature /<JIRA-ticket>	-	feature/RFIFRS-6789
2	Git Bash in local folder	-	-	

2	Clone repository	Click on the clone button and copy the http url (it is the default)	git clone <url>	git clone https://bitbucket.global.standardchartered.com/scm/splice/devops_sas.git
3	Navigate into cloned folder	-	cd <local folder>	cd devops_sas 
3	Checkout feature branch	-	git checkout <branch name>	git checkout feature/RFIFRS-6789 
4	Do the changes	-	-	-
5	Stage the changes	-	git add	git add .
6 (Optional)	Verify staged changes before committing	-	git status	git status
7	Commit the changes	-	git commit -m '<JIRA ticket><message>'	git commit -m 'RFIFRS-6789 added latest spk files'

8	Push the changes	(Can verify this was successful by checking under 'commits' tab)	git push	git push
9	Raise a pull request	<p>Raise a pull request, merging from the feature branch to master.</p> <p>Add description as appropriate.</p> <p>Leave the default reviewers, and raise the request.</p> <p>Check 'yes' for deleting branch after merge.</p>	--	 <p>The screenshot shows the Bitbucket 'Create pull request' page for the repository 'Model Risk Management dev_common'. The left sidebar contains a list of actions: Clone, Create branch, Create pull request (highlighted), Create fork, and Compare. Below this is a navigation section with links for Source, Commits, and Branches. The main content area is titled 'Create pull request' and includes the instruction 'Collaborate on code by choosing teammates to review your changes to a branch.' It features two dropdown menus: 'Source' and 'Destination'. The 'Source' dropdown is set to 'Model Risk M... / dev_common' with the user 'bryan' selected. The 'Destination' dropdown is set to 'Model Risk M... / dev_common' with the branch 'master' selected. Below these, it shows the pull request details: 'Leong, Jun Ren Bryan authored fc846cc8b5a 6 days ago' and 'Leong, Jun Ren Bryan authored 5ddc0d252c7 07 Oct 2020'. A blue 'Continue' button is at the bottom.</p>

10	Verify pull request completed	Click on commits tab to verify that the merge was successful.	-	-
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For any questions, please feel free to contact: Bryan Leong (1612292), junrenbryan.leong@sc.com

IFRS9 Release Cycle

