

USING GITHUB DESKTOP

Author: **Pavan Kumar Vecham**

CONTENTS

1	How to install.....	3
2	Installation Pre-requisites	3
3	How to check out new project?.....	3
4	How to check in the code changes?	8
5	How to create new branch?	10
6	How to check history of the project?	11
7	Additional info.....	11
8	Possible issue and its resolution:	12

1 HOW TO INSTALL

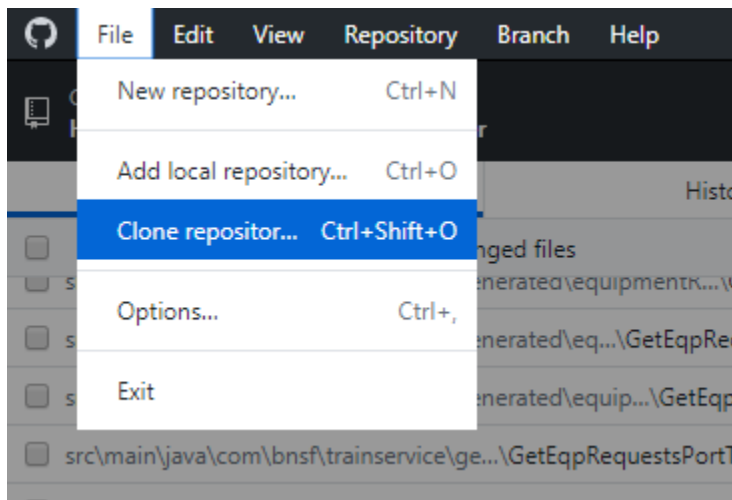
Submit AHD to install GIT HUB

2 INSTALLATION PRE-REQUISITES

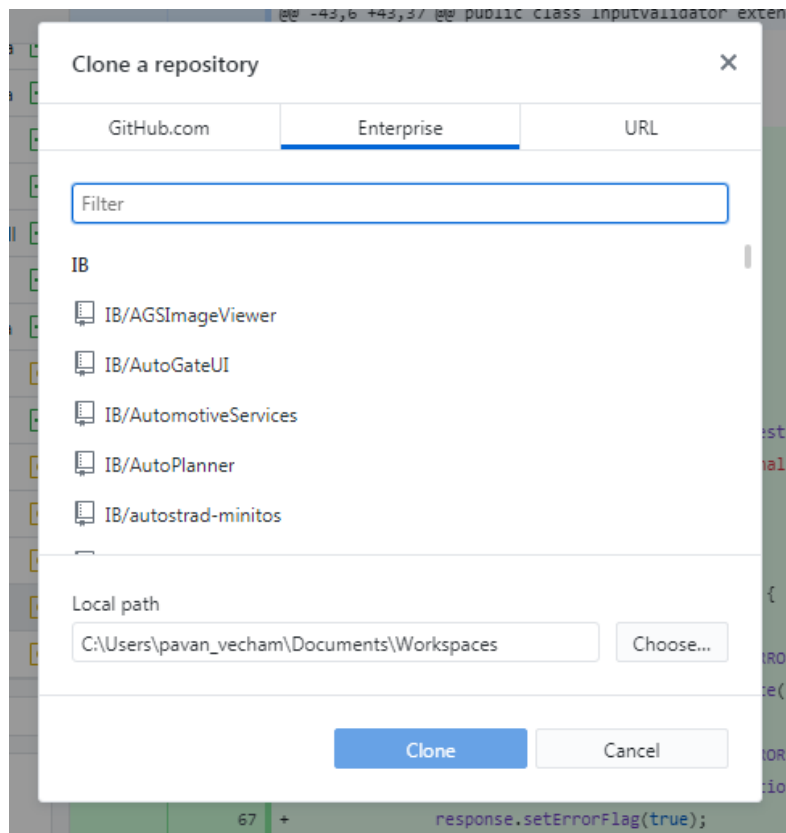
GitHub runs only on machines with 64 bit operating system (does not support 32 bit)

3 HOW TO CHECK OUT NEW PROJECT?

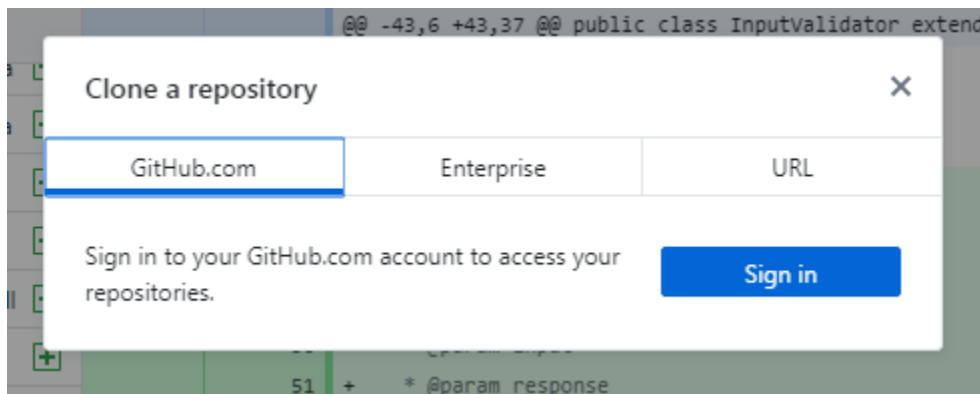
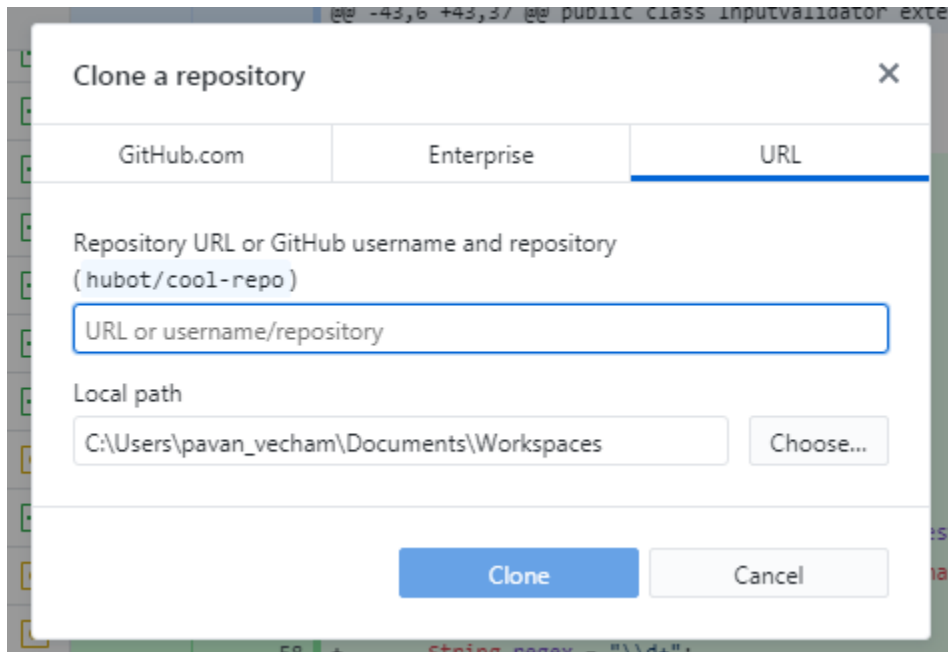
Here are the options to check out the project.



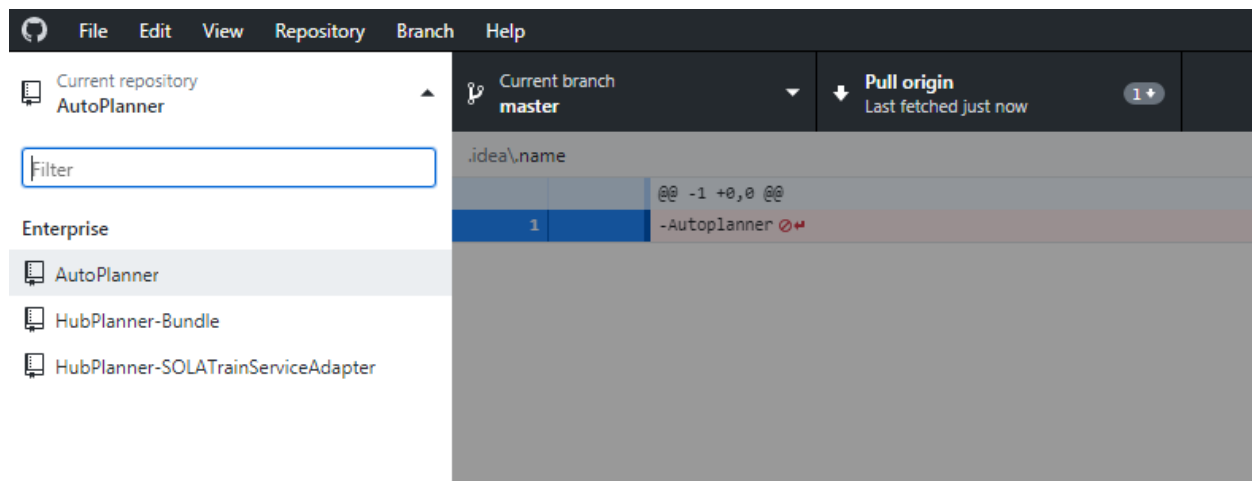
By giving client login credentials



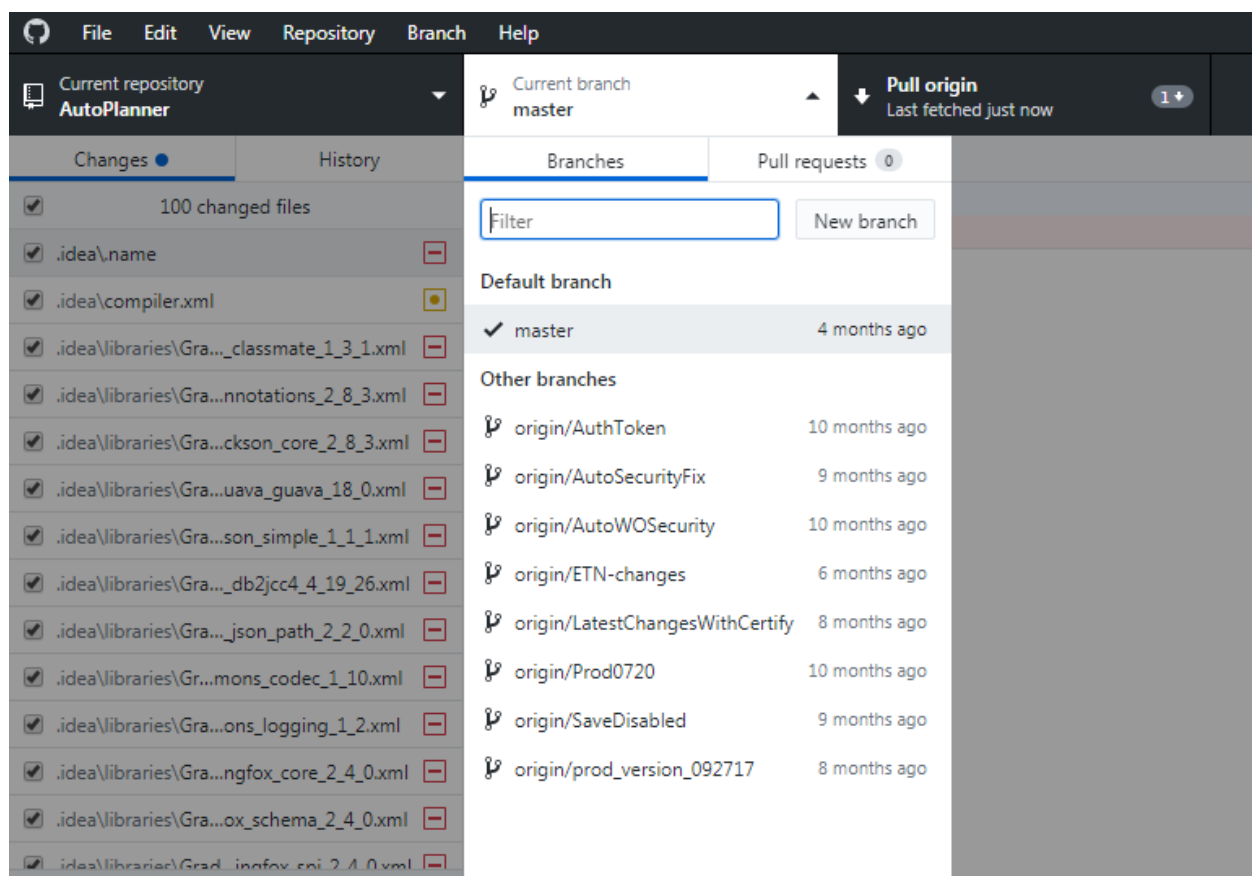
Other options to check out the code from:



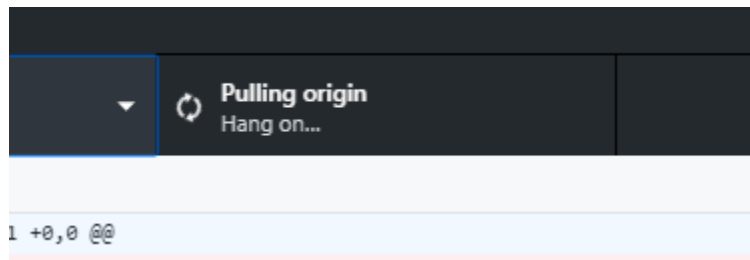
Once checked out, the list of projects will be listed as shown below:



For a selected project – view the available branches and tick mark indicates your local code is pointing to that branch



If you click in this **pull origin** tab, you code will get refreshed from github



4 HOW TO CHECK IN THE CODE CHANGES?

To view the list of modified files in the project. Clicking on each file will give its changes

FileEditViewRepositoryBranchHelp

Current repository
HubPlanner-SOLATrainServiceAdapter

Current branch
master

Fetch origin
Last fetched just now

Changes	History	
268 changed files		
src\main\java\com\bnsf\trainervice\generated\equipmentr...\GetEqReq.java	1	1
src\main\java\com\bnsf\trainervice\generated\equipmentr...\GetEqReqResponse.java	2	2
src\main\java\com\bnsf\trainervice\generated\equipmentr...\GetEqRequests.java	3	3
src\main\java\com\bnsf\trainervice\generated\equipmentr...\GetEqRequestsPortTypeName.java	4	5
src\main\java\com\bnsf\trainervice\generated\equipmentr...\IMDPXER.wsdl	5	6
src\main\java\com\bnsf\trainervice\generated\equipmentr...\ObjectFactory.java	6	7
src\main\java\com\bnsf\trainervice\generated\equipmentr...\package-info.java	28	29
src\main\java\com\bnsf\trainervice\handler\TrainServiceHandler.java	29	30
src\main\java\com\bnsf\trainervice\parser\EquipRequestParser.java	30	31
src\main\java\com\bnsf\trainervice\parser\TrainParser.java	31	32
src\main\java\com\bnsf\trainervice\service\TrainAdapterService.java	32	33
src\main\java\com\bnsf\trainervice\service\TrainFactory.java	33	34
src\main\java\com\bnsf\trainervice\util\InputValidator.java	34	35
src\main\java\com\bnsf\trainervice\util\TrainServiceConstants.java		







src\main\java\com\bnsf\trainervice\service\TrainFactory.java


```
@@ -1,6 +1,7 @@
package com.bnsf.trainervice.service;

import com.bnsf.trainervice.bean.TrainServiceRequest;
+import com.bnsf.trainervice.parser.EquipRequestParser;
import com.bnsf.trainervice.parser.InboundParser;
import com.bnsf.trainervice.parser.OffspotParser;
import com.bnsf.trainervice.parser.OutboundParser;


@@ -28,7 +29,9 @@ public class TrainFactory implements TrainServiceConstants {
    return new InboundParser();
    } else if (input.getRequestType().trim().equalsIgnoreCase(OFFSPOT_REQUEST)) {
        return new OffspotParser();
    }
+    } else if (input.getRequestType().trim().equalsIgnoreCase(EQUIPMENT_REQUEST)) {
+        return new EquipRequestParser();
+    }
    return null;
}
```


Select all the required files and check-in them with proper comments/description

<input checked="" type="checkbox"/>	src\main\java\com\bnsf\trainervice\parser\EquipRequestParser.java	
<input checked="" type="checkbox"/>	src\main\java\com\bnsf\trainervice\parser\TrainParser.java	
<input checked="" type="checkbox"/>	src\main\java\com\bnsf\trainervice\service\TrainAdapterService.java	
<input checked="" type="checkbox"/>	src\main\java\com\bnsf\trainervice\service\TrainFactory.java	
<input checked="" type="checkbox"/>	src\main\java\com\bnsf\trainervice\util\InputValidator.java	
<input type="checkbox"/>	src\main\java\com\bnsf\trainervice\util\TrainServiceConstants.java	

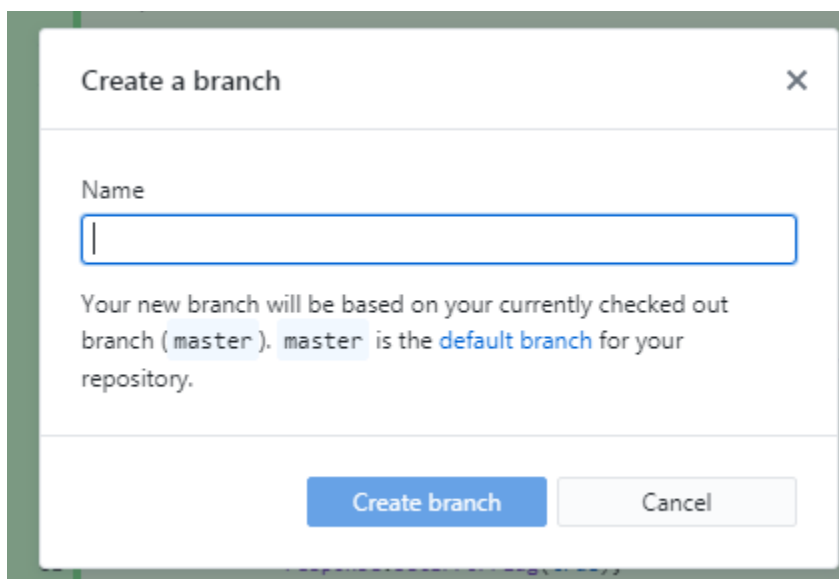
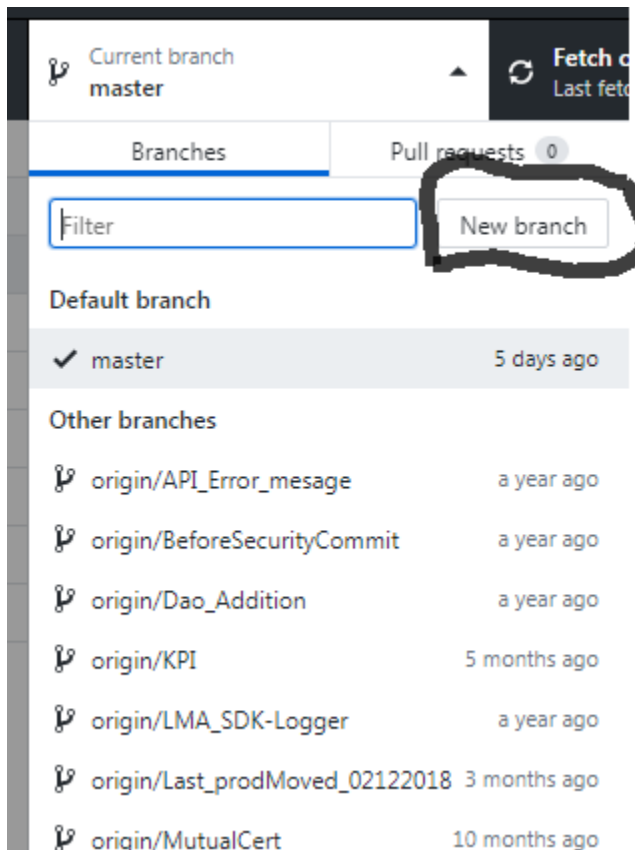
 ER enhancement changes

ER enhancement changes |



Commit to master

5 HOW TO CREATE NEW BRANCH?



6 HOW TO CHECK HISTORY OF THE PROJECT?

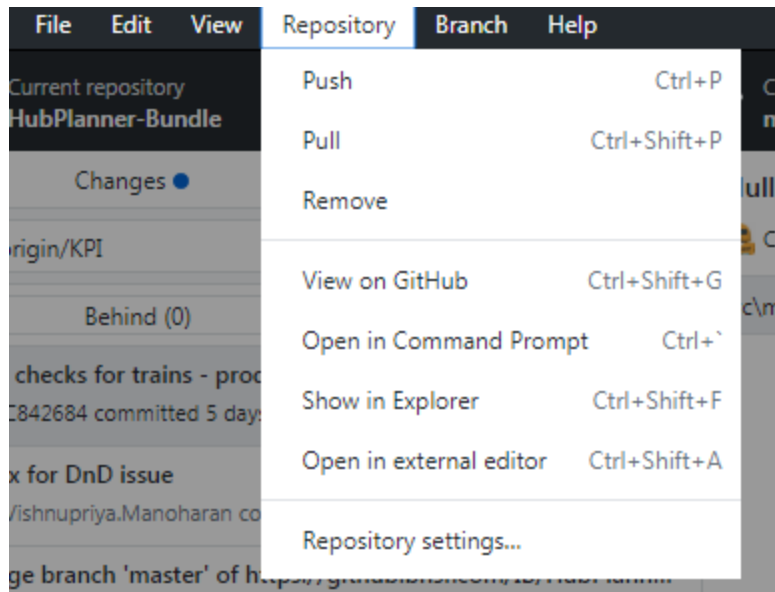
The screenshot shows the IntelliJ IDEA interface with the 'History' tab selected in the commit history panel. The commit 'Memory leak changes' by C842684 is highlighted. The diff view on the right shows changes to the file 'src/main/java/com/bnsf/hubplanner/.../MFDBConfig.java'. The changes are highlighted in yellow, showing a modification to the 'public class MFDBConfig' and the 'public JdbcTemplate mfJdbcTemplate' method.

7 ADDITIONAL INFO

Compare your local code with any branch, merge the code into current branch

The screenshot shows the 'Branch' menu in IntelliJ IDEA. The menu options are:

- New branch... (Ctrl+Shift+N)
- Rename...
- Delete...
- Update from default branch (Ctrl+Shift+U)
- Compare to branch (Ctrl+Shift+B)
- Merge into current branch... (Ctrl+Shift+M)
- Compare on GitHub (Ctrl+Shift+C)
- Create pull request (Ctrl+R)



8 POSSIBLE ISSUE AND ITS RESOLUTION:

Issue:

Cloning into 'C:\Users\pavan_vecham\Documents\Workspaces\HubPlanner-Bundle'...
fatal: unable to access 'https://github.bnsf.com/IB/HubPlanner-Bundle.git/': schannel: next
InitializeSecurityContext failed: Unknown error (0x80092013) - The revocation function was unable to
check revocation because the revocation server was offline.

Resolution: (Not sure if CCD is ok to add certificate to the global configuration)

<https://github.com/desktop/desktop/issues/2471>