



# Configuration Management Plan

## SYNC+3.0

Version 1.0

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Version Date: Aug 10, 2021

**FORD CONFIDENTIAL**



## Revision History

Date	Version	Note
Aug-10, 2018	1.0	James Chen(jchen303): Initial Version
		Add Chapter 2.1 GitHub folder structure
		Add Chapter 3.1 software Part Number



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## 2 Management of Configuration Items

### 2.1 GitHub Folder Structure

 <a href="https://github.ford.com/DuerOS/DuerOS.git">https://github.ford.com/DuerOS/DuerOS.git</a>	
+--- 01_ProgramManagement	
+--- 01_Schedule	
+--- 02_MeetingMinutes	
+--- 01_WeeklyMeeting	
+--- 02_ManagementLevelMeeting	
+--- 03_CM	The configuration management document will in this folder.
+--- 02_Specification	
+--- 01_Ford_SPEC	
+--- 01_Phase1	
+--- 02_Phase2	
+--- 03_FNV2	
+--- 02_Baidu_MRD	
+--- 01_Phase1	
+--- 02_Phase2	
+--- 03_FNV2	
+--- 03_Test	
+--- 01_DV	
+--- 01_TestCase	
+--- 02_TestReport	
+--- 05_ReleasePackage	Used to store the Software Release zip package
+--- zz_Temp	



### 3 Version Management

#### 3.1 Software Part Number

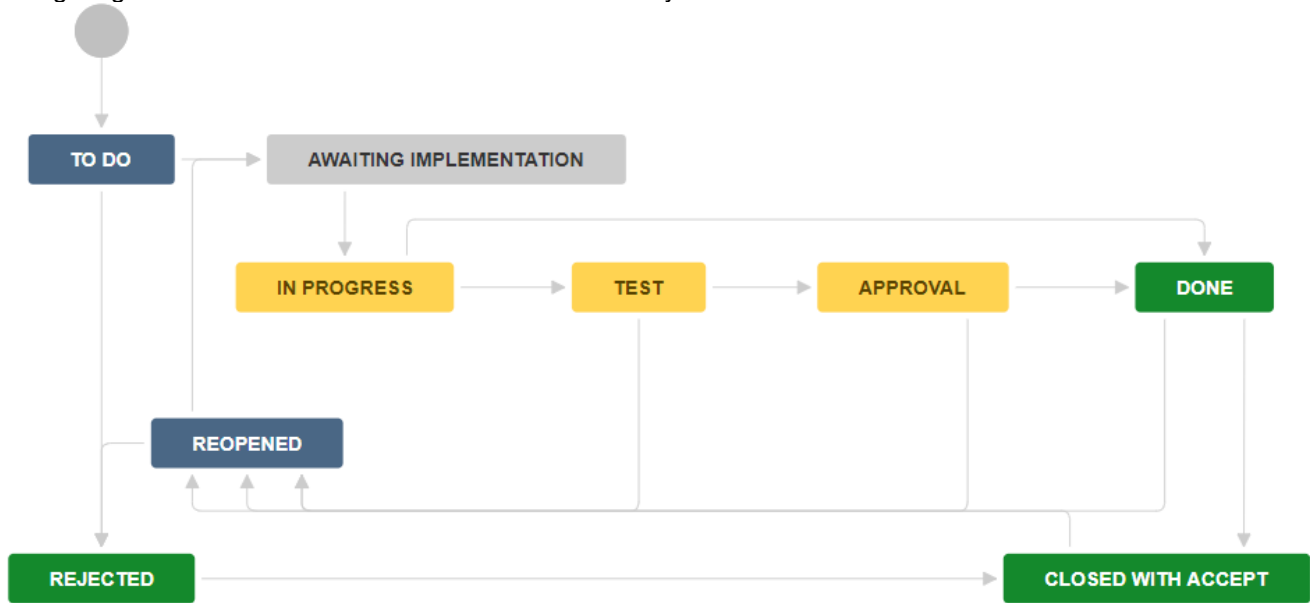
TBD



## 4 Task Management (JIRA)

### 4.1 JIRA Workflow

The following diagram show the issue solved workflow in JIRA system.



Status	Action In Current Status	Response
To Do	<ul style="list-style-type: none"><li>-Check whether this is an issue</li><li>-Check whether this is a known issue</li><li>-Define the responsible supplier</li><li>-Define the initial fix plan</li></ul>	Ford & Supplier
REOPENED	Same as TO DO	Supplier(PM)
AWAITING IMPLEMENTATION	This is a temporary pool. Ticks in this status must have Assignee & Fix Version.	Supplier (PM)
IN PROGRESS	<ul style="list-style-type: none"><li>-Analysis Root Cause</li><li>-Code Implementation</li></ul>	Supplier (Developer)
TEST	-Supplier test team do Integration Test/Function Test/Pressure	Supplier(QA, Tester)
APPROVAL	-Ford PD validate whether this issue	Ford PD
DONE	-If this is an AIMS issue, Ford Launch Engineer need transmit to CLOSED WITH ACCEPT when this AIMS closed.	Ford Launcher Engineer
CLOSED WITH ACCEPT	This is the final Status for AIMS issue. -Check whether AIMS is reopened	Ford Launcher Engineer
REJECTED	-If this is an AIMS issue, Ford Launch Engineer need transmit to CLOSED WITH ACCEPT when this AIMS closed.	Ford Launcher Engineer

Transmit	Condition & Action	Status From	Status To	Transmitter
Ready	<ul style="list-style-type: none"><li>-Fix Version Filled</li><li>-Assignee Filled</li></ul>	TO DO	AWAITING IMPLEMENTATION	Supplier
		REOPENED		Supplier
Reject	<ul style="list-style-type: none"><li>-Fix Version Filled as WNBF</li><li>-Assign to reporter</li><li>-Add Reject reason in Root Cause</li></ul>	TO DO	REJECTED	Ford
InProgress	N.A.	AWAITING IMPLEMENTATION	IN PROGRESS	Supplier
Test	<ul style="list-style-type: none"><li>-Root Cause Filled</li><li>-Fix Version Filled</li></ul>	IN PROGRESS	TEST	Supplier



Wait Ford Approve	-Supplier Test passed -Fix Version correct	TEST	APPROVAL	Supplier
Done	-Ford Validation passed -Change resolution to 'Resolved'	APPROVAL	DONE	Ford
AIMS Closed	-AIMS closed	DONE	CLOSED WITH ACCEPT	Ford
Reopen	-Supplier Test Failed	TEST	REOPEN	Supplier
	-Ford Validation Failed	APPROVAL	REOPEN	Ford
	-Closed issue find in new version	DONE	REOPEN	Ford
	-Closed AIMS find in new version	CLOSED WITH ACCEPT	REOPEN	Ford

## 4.2 Issue type definition

Issue Type	Definition
Story	The feature in master feature list should use this type.
New Feature	The new feature should use this type.
Improvement	For the already had feature which need do the improvement should use this type
Bug	For all software bugs which need be analyzed or fixed should use this type.
Task	For all open issue or action item should use this type.
Sub-task SUB-TASK	For all above issue type that need break down the tasks should use this Sub-Task type. But need add label for different type: - <b>APIMCIM_Feature</b> (Story,New Feauter,Improvement) - <b>APIMCIM_Bug</b> (Bug)

## 4.3 Label definition

In JIRA system, all issues will have one or more labels, and program will use these labels to generate different filters for different usages (exp. Generate KANBAN, Status Report or Diagram).

The following table will show you all standard labels in DuerOS program:

Label Name	Issue with this label means	Comments
Project Schedule Related		
DuerOS_Phase1	This issue is for DuerOS Phase1	Mandatory for Issue type Feature \Improvement\NewFeature and Bug
DuerOS_Phase2	This issue is for DuerOS Phase2	
Project Related		
CDX707	This issue is for vehicle type CDX707	Option
CDX747	This issue is for vehicle type CD747	
CX788	This issue is for vehicle type CX788	
U611 MCA	This issue is for vehicle type U611 MCA	
U625 MCA	This issue is for vehicle type U625 MCA	
Bug Trace Related		
SupplierTst	Suppliers Test Bug	Mandatory for all Bug Issues
IVITst	IVI SW Test Bug	
ECDXTst	CVPP Validation team Test Bug	
VEVTst	Software Fleet Test Bug	
LaunchTst	Launch team Test Bug	
CyberSecurityTst	The Cyber Security Related Issues	
DVTst	DV test issues.	
Plant Build Related		
HB	This issue is found in HB build	Option
VP	This issue is found in VP build	Option
EPT	This issue is found in EPT build	Option





TT	This issue is found in TT build	Option
PP	This issue is found in PP build	Option
MP1	This issue is found in MP1 build	Option

#### 4.4 Public Filter

Program will configure some public filter for JIRA user, you can use these filter in issue page or configure your dashboard.

Public Filter Name	Description
AssignToMeNotFinished	Filter the Issue assign to current user but not finished
Bug Trace Related	
APIMCIM_SupplierTst	Filter all Issues found by Suppliers
APIMCIM_IVITst	Filter all Issues found by IVI software team
APIMCIM_CVPPTst	Filter all Issues found by CVPP validation team
APIMCIM_V EVTst	Filter all Issues found by VEV Software fleet team
APIMCIM_LaunchTst	Filter all Issues found by Launch Test team
APIMCIM_PlantTst	Filter all Issues found by Plant Test team

#### 4.5 Bug Priority

Priority	Description	Example
Immediate Gating	System Satiability issue like	-Change Gear to R, IVI black screen. -In navigation application press home button, system reset.
	System Performance issue	-Touch Screen sliding not smoothly -Open map, white screen display, re-enter the map it recovery.
	Function Loss impact Test/Launch	-Radio not working, impact Reception Test -EOL function loss, impact production launch
Gating	Main Function Loss/Incorrect	-Climate Control now working -Seatbelt Chime sound volume too small
	High Frequency using Minor Function Loss/Incorrect	-BT can't auto connect -USB Music can't memory last song
High	Minor Function Loss/Incorrect	-Can't order cinema ticket via VR
	HMI design impact user experience	-Back button too small
Medium	HMI need improve	-
	Function logic not friendly need improve	-Rear Climate Icon cannot press, only can use progress bar.
Low	Other issue	

#### 4.6 Bug Submit Rule

To submit a bug ticket in SYNC+3.0 project the following filed must filled:

##### -Summary

The ticket title to describe what this issue is, need include project/frequency and issue description.

Example: [CDX707][必现]IGN OFF 时无法通过 Audio Power 按键使车机进入 EP 模式

##### -Component/s

The component means Feature Group, submitter need chose one component in list for this issue, so that the project can quickly know this issue belong which Feature Group.

##### -Description

The description needs use the following template to fill.

###### Pre-condition:

复现步骤

###### Step1:

**Step2:****Step3:****Step4:**

期待结果:

实际结果:

是否可恢复:

发生频率:

发生时间:

手机型号及操作系统(option, only for Bluetooth issue):

福特派版本(option, only for FordPass/LincolnWay APP issue):

福特派账号(option, only for FordPass/LincolnWay APP issue):

地点:

Example

**Pre-condition:** IGN=OFF, CDC is OFF, Lifecycle=Normal

复现步骤

**Step1:** Press Audio Power button, check CDC status**Step2:** Open Suixinting APP**Step3:** Press Climate On button**Step4:** Press Audio Power button, check the CDC status

期待结果:

**Step1:** CDC go to EP mode, the controller display on**Step2:** The music can be played**Step3:** Climate can't be open because IGN=OFF**Step4:** CDC will shutdown, all display and audio will be turned off

实际结果:

**Step1:** CDC can't be open by Audio Power button

是否可恢复: 不可恢复

发生频率: 必现 100%

发生时间: 2021.1.1 8:00

**-Supplier:**

Fill the Feature Developer Leader in this fields.

**-Priority:**

Use Priority filed to mark the severity for this issue, the detail priority definition please refer to Chapter4.5 Bug Priority

**-Labels:**

Need filled the following info for labels, so that the project can quickly filter the related issues.

Which Test finds this issue. (exp. **IVITst/SupplierTst...**)

Which project find this issue. (exp.CDX707, if this is a Systemic/Common issue this label can keep empty)

**-Affects Version/s**

Fill this issue is be found in which version in this filed.

**-Assignee:**

Fill the responsible for this issue, so that the assignee can receive the ticket cascade in JIRA system.

**-Attachment:**

The attachment need include

-Picture/Video of this issue

-CAN log of this issue

-USB log of this issue