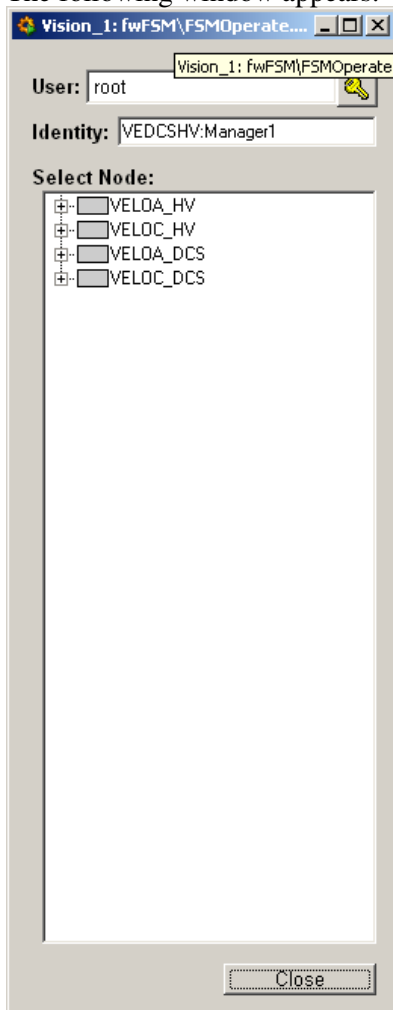
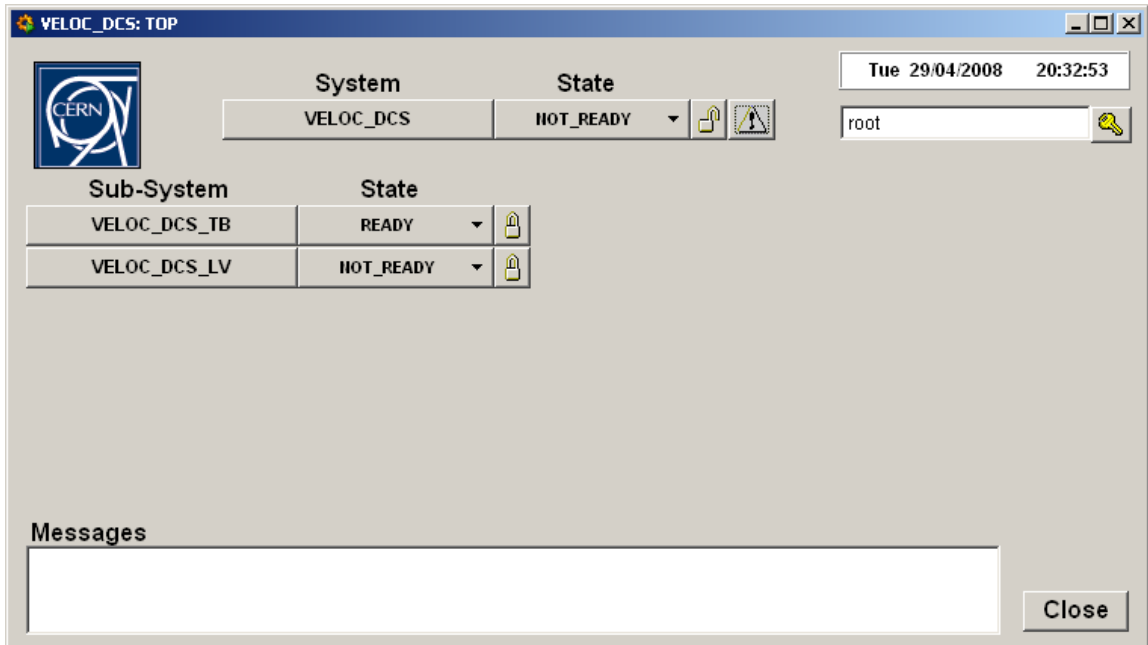


Getting Started

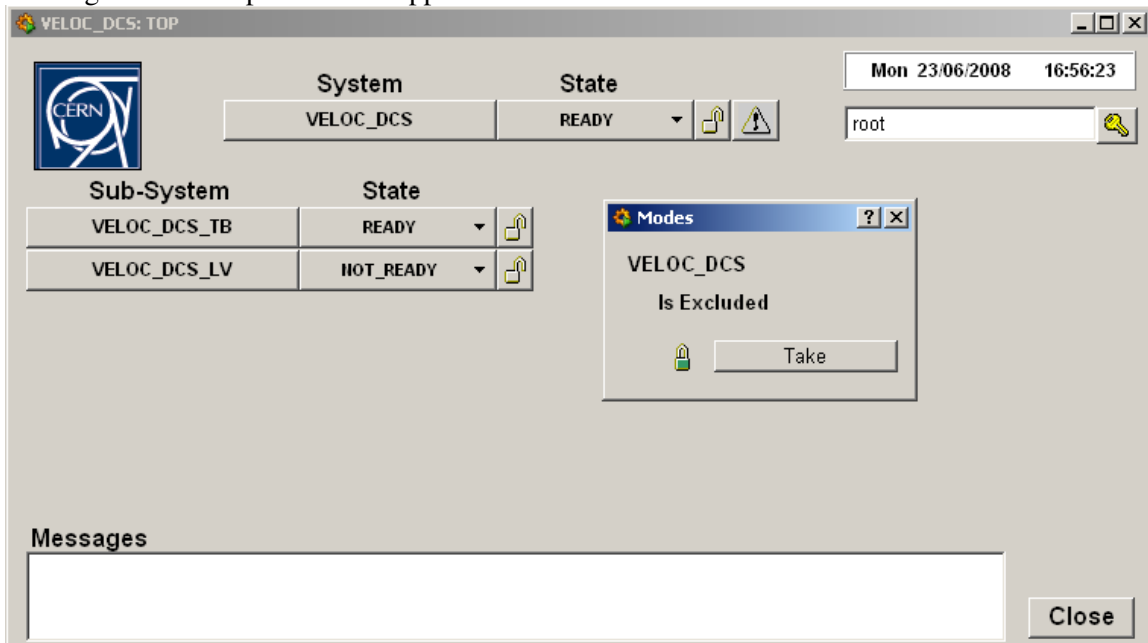
1. Log on to windows terminal in the online network.
2. Open the directory G:\online\ecs\NewShortcuts\VELO
3. Double click on VEDCSHV_UI_FSM
4. The following window appears:



5. To operate a module on the C side rightclick on VELOC_DCS



- Take control of the project by left clicking on the padlock next to VELOC_DCS on the panel and then clicking Take in the panel which appears.



- Double click on the VELOC_DCS_LV button.
- The following panel should appear:

The screenshot shows the VELOC_DCS_LV control interface. At the top, the system name is VELOC_DCS_LV and its state is NOT_READY. Below this is a table of sub-systems with their respective states. To the right, there are control panels for various sub-systems, each containing control buttons for CT and CB components. At the bottom, there is a Messages section.

Sub-System	State	Indicator
VELOC_DCS_LV_PS	NOT_READY	✓
VELOC_DCS_LV_EB00	OFF	✓
VELOC_DCS_LV_EB01	OFF	✓
VELOC_DCS_LV_EB02	OFF	✓
VELOC_DCS_LV_EB03	OFF	✓
VELOC_DCS_LV_EB04	OFF	✓
VELOC_DCS_LV_EB05	OFF	✓
VELOC_DCS_LV_EB06	OFF	✓
VELOC_DCS_LV_EB07	OFF	✓
VELOC_DCS_LV_EB08	OFF	✓
VELOC_DCS_LV_EB09	OFF	✓
VELOC_DCS_LV_ConfDB	NOT_READY	✓

Control panels visible on the right include:

- VELOC_DCS_LV_EB00: VL02_CT, VL02_CB, VL03_CT, VL03_CB
- VELOC_DCS_LV_EB02: VL06_CT, VL06_CB, VL07_CT, VL07_CB
- VELOC_DCS_LV_EB04: VL10_CT, VL10_CB, VL11_CT, VL11_CB
- VELOC_DCS_LV_EB06: VL14_CT, VL14_CB, VL15_CT, VL15_CB
- VELOC_DCS_LV_EB08: VL22_CT, VL22_CB, VL23_CT, VL23_CB

Additional panels for VELOC_DCS_LV_EB01, VELOC_DCS_LV_EB03, VELOC_DCS_LV_EB05, VELOC_DCS_LV_EB07, VELOC_DCS_LV_EB09, and VELOC_DCS_LV_EB09 are partially visible on the right edge.

Messages section is empty.

9. If the button next to VELOC_DCS_LV_ConfDB is NOT_READY then click this button.

The screenshot displays the VELOC_DCS_LV control interface. At the top, the system name 'VELOC_DCS_LV' is shown with a state of 'HOT_READY'. Below this is a table of sub-systems and their states. To the right, there are panels for 'Recipe and Scan Managers' and 'Archived Trends'. The main area contains several sub-system control panels, each with four buttons labeled 'VL' followed by a number and 'CT' or 'CB'. A 'LOAD' button is located below the sub-system table. At the bottom left, there is a 'Messages' section.

Sub-System	State	✓
VELOC_DCS_LV_PS	HOT_READY	✓
VELOC_DCS_LV_EB00	OFF	✓
VELOC_DCS_LV_EB01	OFF	✓
VELOC_DCS_LV_EB02	OFF	✓
VELOC_DCS_LV_EB03	OFF	✓
VELOC_DCS_LV_EB04	OFF	✓
VELOC_DCS_LV_EB05	OFF	✓
VELOC_DCS_LV_EB06	OFF	✓
VELOC_DCS_LV_EB07	OFF	✓
VELOC_DCS_LV_EB08	OFF	✓
VELOC_DCS_LV_EB09	OFF	✓
VELOC_DCS_LV_ConfDB	HOT_READY	✓

Sub-systems shown in the main area:

- VELOC_DCS_LV_EB00: VL02_CT, VL02_CB, VL03_CT, VL03_CB
- VELOC_DCS_LV_EB02: VL06_CT, VL06_CB, VL07_CT, VL07_CB
- VELOC_DCS_LV_EB04: VL10_CT, VL10_CB, VL11_CT, VL11_CB
- VELOC_DCS_LV_EB06: VL14_CT, VL14_CB, VL15_CT, VL15_CB
- VELOC_DCS_LV_EB08: VL22_CT, VL22_CB, VL23_CT, VL23_CB

10. The following panel should appear. Click Send PHYSICS.

System
VELOC_DCS_LV **State**
HOT_READY

Sub-System	State	
VELOC_DCS_LV_PS	HOT_READY	✓
VELOC_DCS_LV_EB00	OFF	✓
VELOC_DCS_LV_EB01	OFF	✓
VELOC_DCS_LV_EB02	OFF	✓
VELOC_DCS_LV_EB03	OFF	✓
VELOC_DCS_LV_EB04	OFF	✓
VELOC_DCS_LV_EB05	OFF	✓
VELOC_DCS_LV_EB06	OFF	✓
VELOC_DCS_LV_EB07	OFF	✓
VELOC_DCS_LV_EB08	OFF	✓
VELOC_DCS_LV_EB09	OFF	✓
VELOC_DCS_LV_ConfDB	HOT_READY	✓

Params Dialog:
Parameter: sMode Type: string Value: PHYSICS
Buttons: Send, Cancel

Sub-systems and their controls:
 - VELOC_DCS_LV_EB04: VL10_CT, VL10_CB, VL11_CT, VL11_CB
 - VELOC_DCS_LV_EB06: VL14_CT, VL14_CB, VL15_CT, VL15_CB
 - VELOC_DCS_LV_EB08: VL22_CT, VL22_CB, VL23_CT, VL23_CB
 - VELOC_DCS_LV_EB09: VL04_CT, VL08_CT, VL12_CT, VL16_CT, VL24_CT

Messages


11. The panel should now look like this:



The screenshot displays the VELOC_DCS_LV control interface. At the top, the system name is VELOC_DCS_LV and its state is HOT_READY. Below this is a table of sub-systems with their respective states. To the right, there are panels for Recipe and Scan Managers, Archived Trends, and a grid of control panels for various sub-systems (EB00-EB09). Each control panel contains buttons for CT and CB components. At the bottom, there is a Messages section.

Sub-System	State	✓
VELOC_DCS_LV_PS	HOT_READY	✓
VELOC_DCS_LV_EB00	OFF	✓
VELOC_DCS_LV_EB01	OFF	✓
VELOC_DCS_LV_EB02	OFF	✓
VELOC_DCS_LV_EB03	OFF	✓
VELOC_DCS_LV_EB04	OFF	✓
VELOC_DCS_LV_EB05	OFF	✓
VELOC_DCS_LV_EB06	OFF	✓
VELOC_DCS_LV_EB07	OFF	✓
VELOC_DCS_LV_EB08	OFF	✓
VELOC_DCS_LV_EB09	OFF	✓
VELOC_DCS_LV_ConfDB	READY	✓



12. Switch on the 48V supply - click on button next to VELOC_DCS_LV_PS


VELOCS_DCS_LV: TOP



System: VELOC_DCS_LV State: **HOT_READY**  

Sub-System	State	
VELOCS_DCS_LV_PS	HOT_READY	✓
VELOCS_DCS_LV_EB00	Switch_ON	✓
VELOCS_DCS_LV_EB01	Switch_OFF	✓
VELOCS_DCS_LV_EB02	Load	✓
VELOCS_DCS_LV_EB03	OFF	✓
VELOCS_DCS_LV_EB04	OFF	✓
VELOCS_DCS_LV_EB05	OFF	✓
VELOCS_DCS_LV_EB06	OFF	✓
VELOCS_DCS_LV_EB07	OFF	✓
VELOCS_DCS_LV_EB08	OFF	✓
VELOCS_DCS_LV_EB09	OFF	✓
VELOCS_DCS_LV_ConfDB	READY	✓

Recipe and Scan Managers  

Archived Trends 

VELOCS_DCS_LV_EB00: VL02_CT VL02_CB VL03_CT VL03_CB

VELOCS_DCS_LV_EB02: VL06_CT VL06_CB VL07_CT VL07_CB

VELOCS_DCS_LV_EB04: VL10_CT VL10_CB VL11_CT VL11_CB

VELOCS_DCS_LV_EB06: VL14_CT VL14_CB VL15_CT VL15_CB

VELOCS_DCS_LV_EB08: VL22_CT VL22_CB VL23_CT VL23_CB

VELOCS_DCS_LV_EB09: VL04_CT VL08_CT VL12_CT VL16_CT VL20_CT VL24_CT

Messages

13. Send the RUN_TYPE PHYSICS.

The screenshot shows the VELOC_DCS_LV control interface. At the top, the system name is VELOC_DCS_LV and its state is HOT_READY. Below this is a table of sub-systems with their respective states. A dialog box titled 'Params' is open, showing a parameter named RUN_TYPE with a value of PHYSICS. The interface also includes buttons for Recipe and Scan Managers, Archived Trends, and various control panels for different sub-systems.

System	State
VELOC_DCS_LV	HOT_READY

Sub-System	State
VELOC_DCS_LV_PS	HOT_READY
VELOC_DCS_LV_EB00	OFF
VELOC_DCS_LV_EB01	OFF
VELOC_DCS_LV_EB02	OFF
VELOC_DCS_LV_EB03	OFF
VELOC_DCS_LV_EB04	OFF
VELOC_DCS_LV_EB05	OFF
VELOC_DCS_LV_EB06	OFF
VELOC_DCS_LV_EB07	OFF
VELOC_DCS_LV_EB08	OFF
VELOC_DCS_LV_EB09	OFF
VELOC_DCS_LV_ConfDB	READY

Params Dialog:

Parameter:	Type:	Value:
RUN_TYPE	string	PHYSICS

14. VELOC_DCS_LV_PS should now be READY.

System
VELOC_DCS_LV **State**
HOT_READY

Sub-System	State
VELOC_DCS_LV_PS	READY
VELOC_DCS_LV_EB00	OFF
VELOC_DCS_LV_EB01	OFF
VELOC_DCS_LV_EB02	OFF
VELOC_DCS_LV_EB03	OFF
VELOC_DCS_LV_EB04	OFF
VELOC_DCS_LV_EB05	OFF
VELOC_DCS_LV_EB06	OFF
VELOC_DCS_LV_EB07	OFF
VELOC_DCS_LV_EB08	OFF
VELOC_DCS_LV_EB09	OFF
VELOC_DCS_LV_ConfDB	READY

Recipe and Scan Managers Archived Trends

VELOC_DCS_LV_EB00: VL02_CT, VL02_CB, VL03_CT, VL03_CB

VELOC_DCS_LV_EB02: VL06_CT, VL06_CB, VL07_CT, VL07_CB

VELOC_DCS_LV_EB04: VL10_CT, VL10_CB, VL11_CT, VL11_CB

VELOC_DCS_LV_EB06: VL14_CT, VL14_CB, VL15_CT, VL15_CB

VELOC_DCS_LV_EB08: VL22_CT, VL22_CB, VL23_CT, VL23_CB

Messages

-- MarkTobin - 06 Aug 2008

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