

DLT Advanced Search

This patch provided adds two important features to DLT advanced search.

1. User can specify the timestamp range between he/she wish to search. The patch will enable user to get the results of search within the specific timestamp start and timestamp end range.
2. User can specify the ApId and CId at the time of search to get the search result for the particular ApId and CId specified.

Time Stamp Range:

Normal text search result will provide following result (Fig 1), showing all the entries found in the DLT file:

DLT Viewer - unnamed project - Version : 2.15.0 STABLE

File Search Project Config DLT Filter Plugin View Help

connected

Project

Id Description LogLevel

ECU1 offline A new ECU (loc... Default: info

Search Results

Index	Time	Timestamp	EcuId	ApId	CId	Payload
1846	2015/11/30 15:13:22.557190	3139.5413	158	ECU1	PHAP	1850 log debug ver... 1 Old ServiceMaskAL = 2147746816
1847	2015/11/30 15:13:22.557190	3139.5413	159	ECU1	PHAP	1850 log debug ver... 1 New ServiceMaskAL = 2147746816
1848	2015/11/30 15:13:22.557190	3139.5414	160	ECU1	PHAP	1850 log debug ver... 1 Dial availability not changed= true
1849	2015/11/30 15:13:22.557190	3139.5414	58	ECU1	PHAP	1850 log info ver... 1 void CPhoneCall:handleAvailableServicesChanged(PH_ServiceMask) "Se
1850	2015/11/30 15:13:22.557190	3139.5415	161	ECU1	PHAP	1850 log debug ver... 1 [VR] : sAvailableServicesChanged Available Service 3690994705
1851	2015/11/30 15:13:22.557190	3139.5416	162	ECU1	PHAP	1850 log debug ver... 1 [VR] : Voice reco available by connected phone
1852	2015/11/30 15:13:22.557190	3139.5416	163	ECU1	PHAP	1850 log debug ver... 1 [VR] : Voice Reco status 3

Search Results

Index	Time	Timestamp	EcuId	ApId	CId	Payload
3142	2015/11/30 15:13:22.744369	3141.8604	ECU1	BT1	PIM	0000003141.274 : OBEX_SERVICE_CONNECTED.
3582	2015/11/30 15:13:22.822361	3143.1115	ECU1	CBM	01D	CcbSqliteDatabaseWrapper:Connect: Connected to /Data/mnt-c/cbManager/node/cbSync.db
3613	2015/11/30 15:13:22.822361	3143.1169	ECU1	CBM	01D	CcbDbClient:isDBConnected: Out: true
3689	2015/11/30 15:13:22.822361	3143.1252	ECU1	BT1	01D	CcbSqliteDatabaseWrapper:Connect: Connected to /Data/mnt-c/cbManager/node/cbSync.db
3925	2015/11/30 15:13:22.900352	3143.5377	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
3976	2015/11/30 15:13:22.900352	3143.5312	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4027	2015/11/30 15:13:22.900352	3143.5336	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4078	2015/11/30 15:13:22.900352	3143.5367	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4129	2015/11/30 15:13:22.915951	3143.5396	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4180	2015/11/30 15:13:22.915951	3143.5450	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4231	2015/11/30 15:13:22.915951	3143.5503	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4285	2015/11/30 15:13:22.931549	3143.5560	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4336	2015/11/30 15:13:22.931549	3143.5617	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4387	2015/11/30 15:13:22.947147	3143.5688	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4438	2015/11/30 15:13:22.947147	3143.5716	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4490	2015/11/30 15:13:22.993942	3143.5749	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4541	2015/11/30 15:13:22.993942	3143.5800	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4592	2015/11/30 15:13:22.993942	3143.5823	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4643	2015/11/30 15:13:22.993942	3143.5847	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4694	2015/11/30 15:13:23.009540	3143.5871	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4750	2015/11/30 15:13:23.009540	3143.5913	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4801	2015/11/30 15:13:23.025139	3143.5947	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4852	2015/11/30 15:13:23.025139	3143.6003	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true
4903	2015/11/30 15:13:23.040737	3143.6058	ECU1	BT1	01D	CcbDbClient:isDBConnected: Out: true

C:/Users/MayurA/Desktop/Aditya/ravi logs.dlt: Version: <unknown> Recv: 0 Recv Errors: 0 Sync found: 0

Address

4:56 PM 12/2/2015

Fig. 1

Having the functionality to specify timestamp start and timestamp end, user can search for a specific word occurred within specific time range. Following figure (fig 2), shows the search result for same word but within the specific time range of 3100 to 3400 milliseconds.

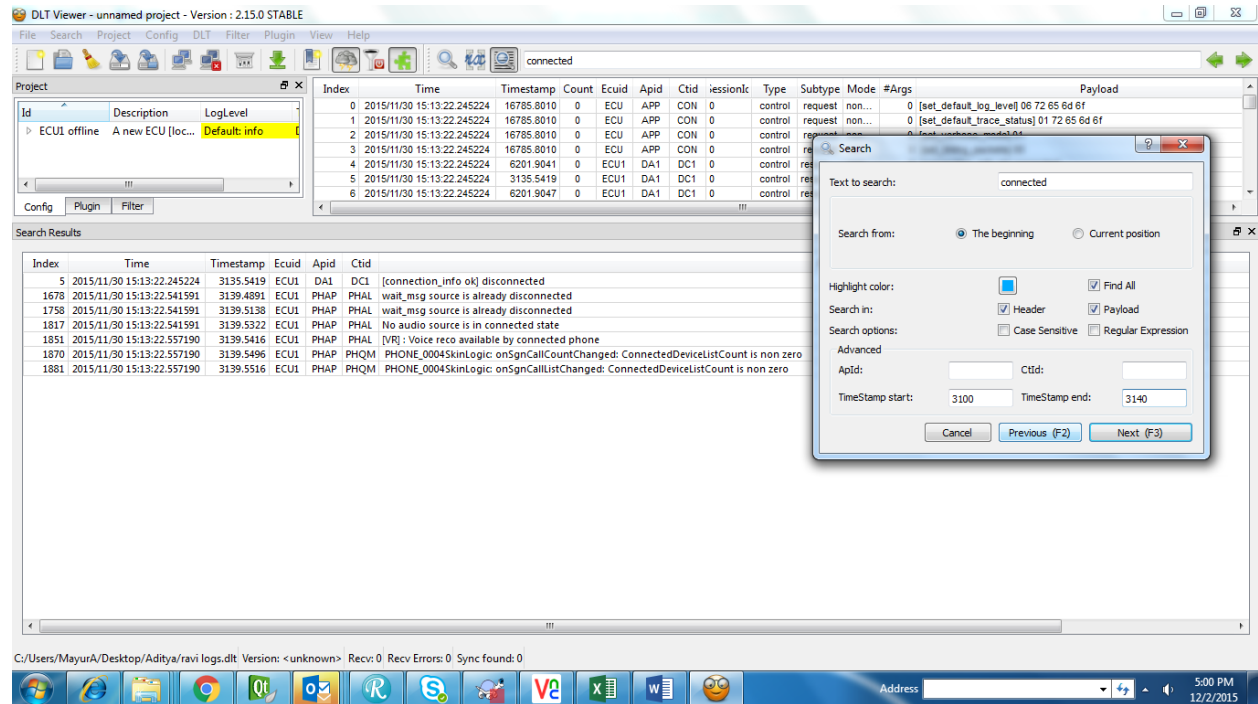


Fig. 2

Specify the ApId and CId :

- The ApId and CId can be specified both at a time to get the optimized search result (Fig. 3)
- Any one of either ApId or CId, can also be specified by the user to get the result (Fig. 4)
- You need not mention the time stamp and only search w.r.t ApId or CId

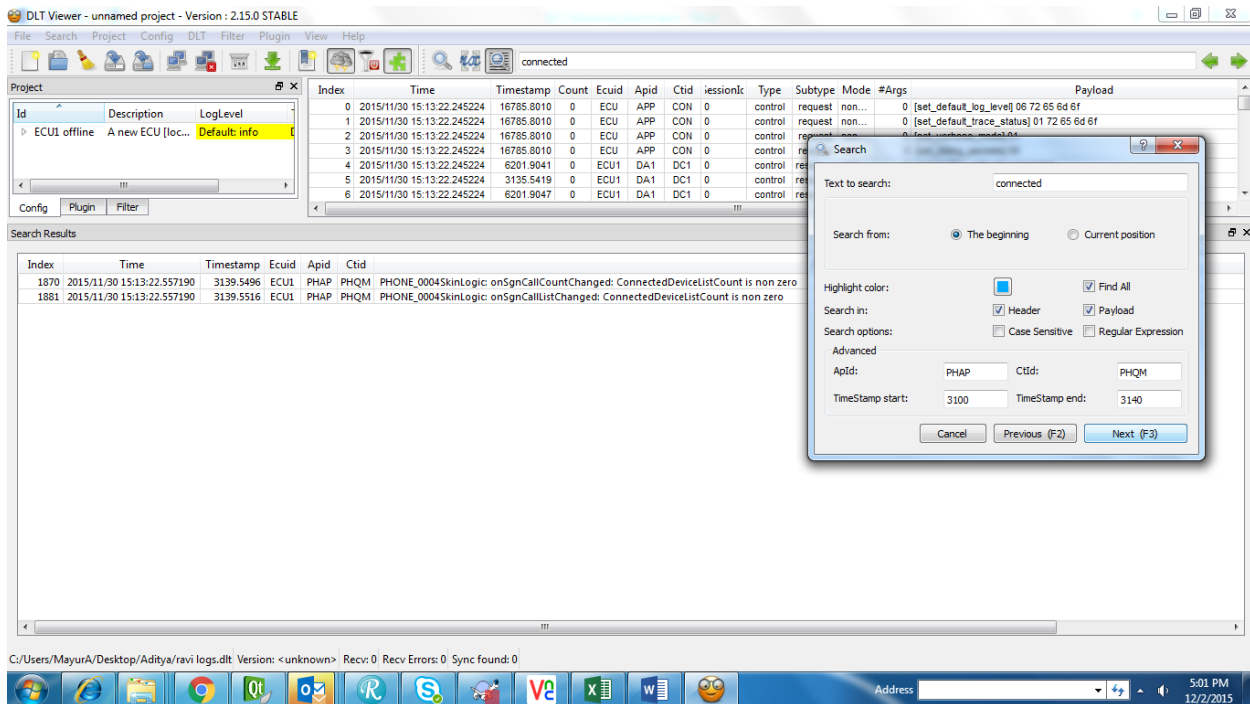


Fig. 3

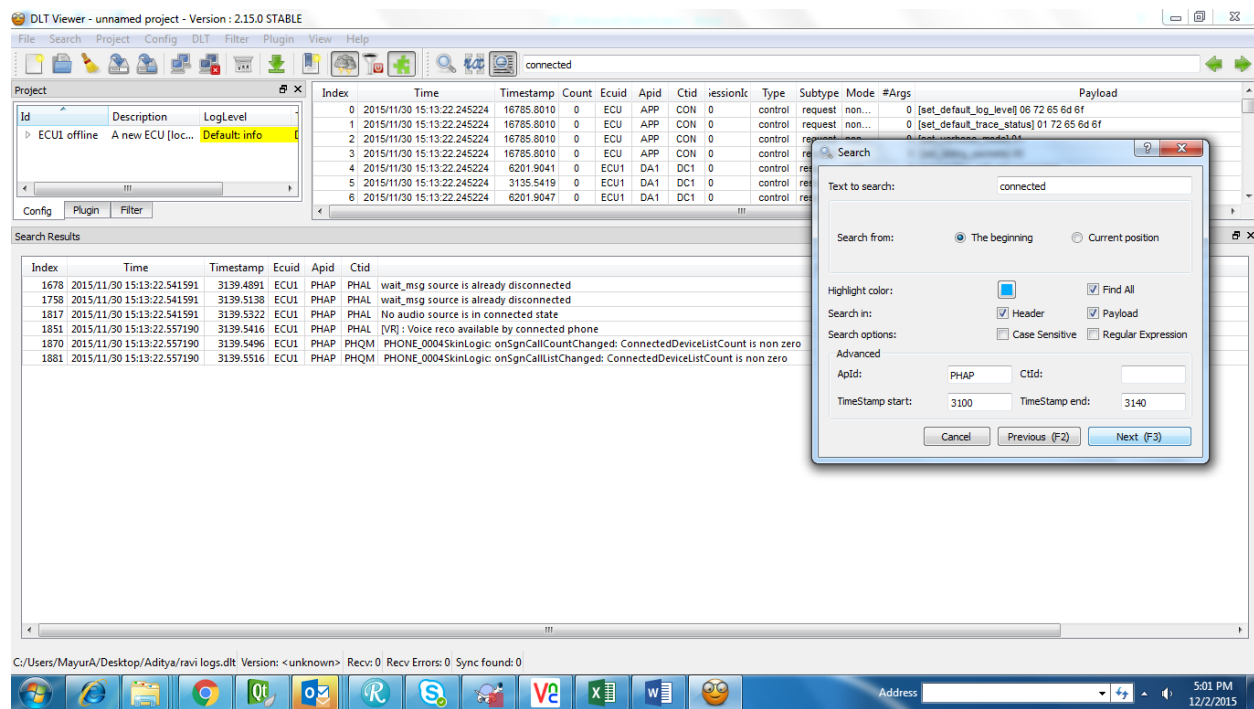


Fig. 4