

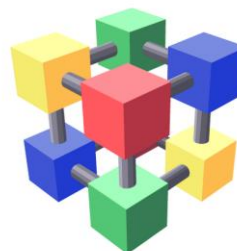


Computing Resource Information Catalog

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**WLCG**

Worldwide LHC Computing Grid



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Some explanatory text



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## Description of the CMS topology and configuration. Logical resources

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**Description of the  
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## Description of the CMS topology and configuration. Logical resources

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# Thoughts about layout of our generic table view for hierarchy and details

- I think the header we currently have is fine in terms of content and layout functionality. The only thing, I am not sure that the link to documentation is relevant here.

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- we should have '+/-' next to every record in order to open hierarchy. I might be biased, but I personally like the layout of the dashboard task monitoring, see below, though in our case lot of colours is not relevant. Here the details of a particular item is opened. The details are just for info, editing is not possible, but they are in a compact form easy to check.

	Graphically	TaskName	NJobTotal	Pending	Running	Unknown	Cancelled	Success	Failed	WNPostProc	ToRetry
+		171012_132203:mcremone_crab_QCD_HT100to200_13TeV	8607	8515	77	0	0	3	0	12	0
+		171011_230942:mcremone_crab_TT_13TeV_powheg_pythia8_ext	9930	0	6	0	0	9888	36	0	0
+		171011_231043:mcremone_crab_QCD_HT100to200_13TeV	8611	3813	0	0	1396	0	3402	0	0
+		171011_203120:mcremone_crab_ZprimeToTT_M_1000_W_100_13TeV	117	0	0	0	0	116	0	1	0
<div><div>Task Name</div>171011_203120:mcremone_crab_ZprimeToTT_M_1000_W_100_13TeV</div>											
<div><div>Task ID</div>37455401</div>											
<div><div>Creation Time</div>2017-10-11T22:43:18.571919</div>											
<div><div>Task Type</div>analysis</div>											
<div><div>NEvents per Job</div>0</div>											
<div><div>Application</div>CMSSW</div>											
<div><div>Application Version</div>CMSSW_9_2_12</div>											
<div><div>Executable</div>cmsRun</div>											
<div><div>Input Collection</div>/ZprimeToTT_M-1000_W-100_TuneCUETP8M1_13TeV-madgraphMLM-pythia8/RunIISummer16MiniAODv2-PUMoriond17_80X_mcRun2_asymptotic_2016_TracheIV_v6-v1/MINIAODSIM</div>											
<div><div>Submission Tool</div>crab3</div>											
<div><div>Submission Type</div>crab3</div>											
<div><div>Submission UI</div>vocms0121.cern.ch</div>											
<div><div>Target CE</div>unknown</div>											
+		171011_201958:mcremone_crab_QCD_HT300to500_13TeV	8260	0	0	0	0	8265	4	0	0

# Thoughts about layout of our generic table view for hierarchy and details

Below is an example of nested tables representation in the Dashboard task monitoring, which I also like. The only problem, that nested tables are not shifted as Alessandro would like them to, this can be changed. Anyhow, the different levels of hierarchy should have different background colour

Id	Status	ExitCode	Site	Retries	Submit	Start	Finish	Wall Time	Logs	Input Files	FTS File Status
1	cancelled	N/A	unknown	1	11-10 19:38:23	-	11-10 20:26:11	00:00:00	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
2	cancelled	N/A	unknown	1	11-10 19:38:23	-	11-10 20:26:11	00:00:00	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
3	cancelled	N/A	unknown	1	11-10 19:38:23	-	11-10 20:26:11	00:00:00	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
4	cancelled	N/A	unknown	1	11-10 19:38:23	-	11-10 20:26:11	00:00:00	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
5	cancelled	N/A	unknown	1	11-10 19:38:23	-	11-10 20:26:11	00:00:00	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
Attempt No.	Starts No.	Error Code/ Details			Job Status	Site	Submit	Start	Finish	Wall Time	Logs
1	1	N/A / Error return without specification			cancelled	unknown	2017-10-11T19:38:23	1970-01-01T00:00:00	2017-10-11T20:26:11	00:00:00	<a href="#">Job,Post Job</a>
		N/A									
6	failed	50660	T2_US_UCSD	1	11-10 19:38:23	11-10 19:42:48	11-10 20:25:07	00:42:19	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
7	failed	50660	T2_US_UCSD	1	11-10 19:38:23	11-10 19:43:22	11-10 20:25:42	00:42:20	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A
8	cancelled	N/A	T2_US_UCSD	1	11-10 19:38:23	11-10 19:43:33	11-10 20:26:11	00:42:38	<a href="#">Job,Post Job</a>	<a href="#">File Info</a>	N/A

‘+/-’ should be used to open hierarchical tables, while in order to get details of a particular item, we can use the click on the item name.

We should also keep an editing icon next to every item as we have now in the table view