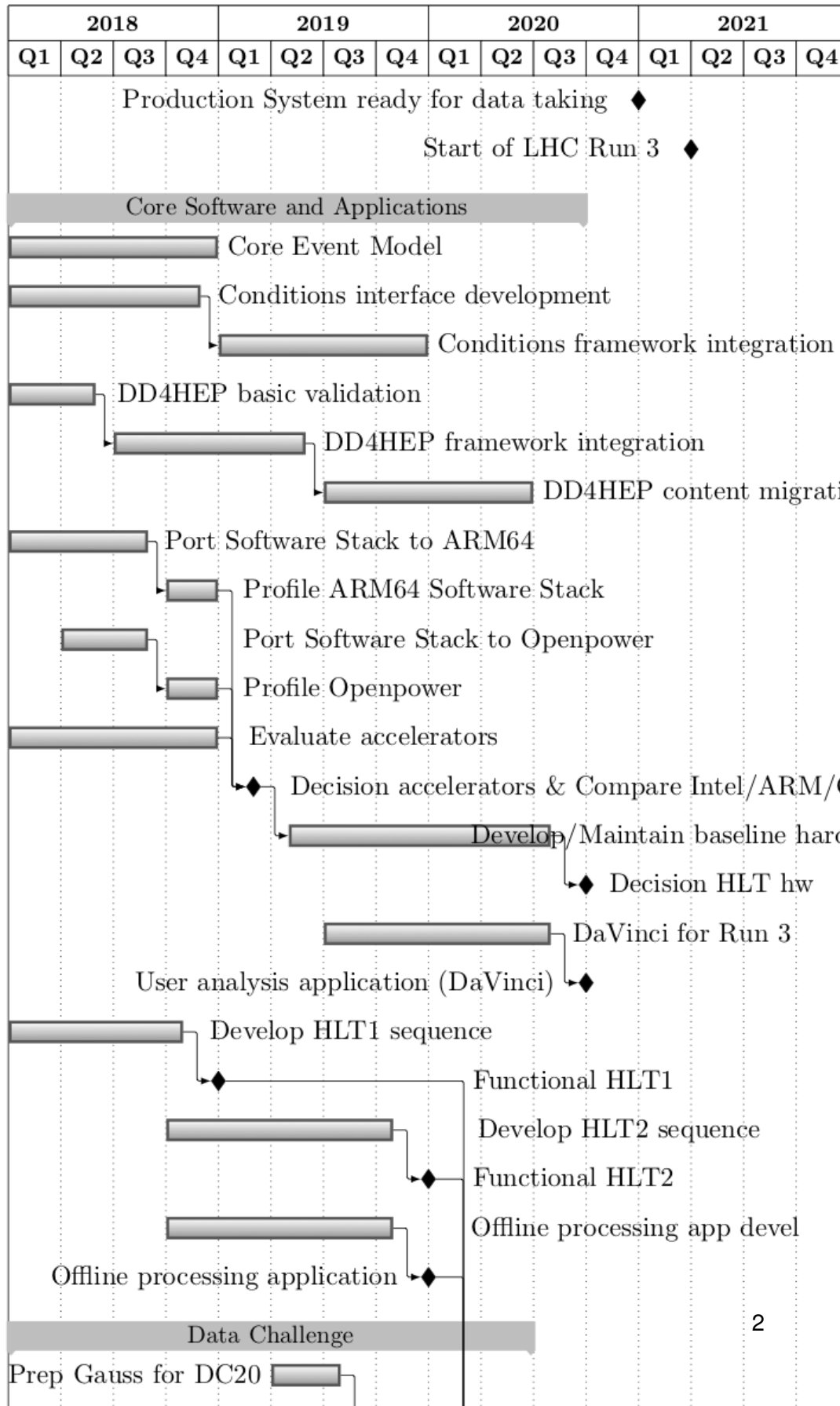
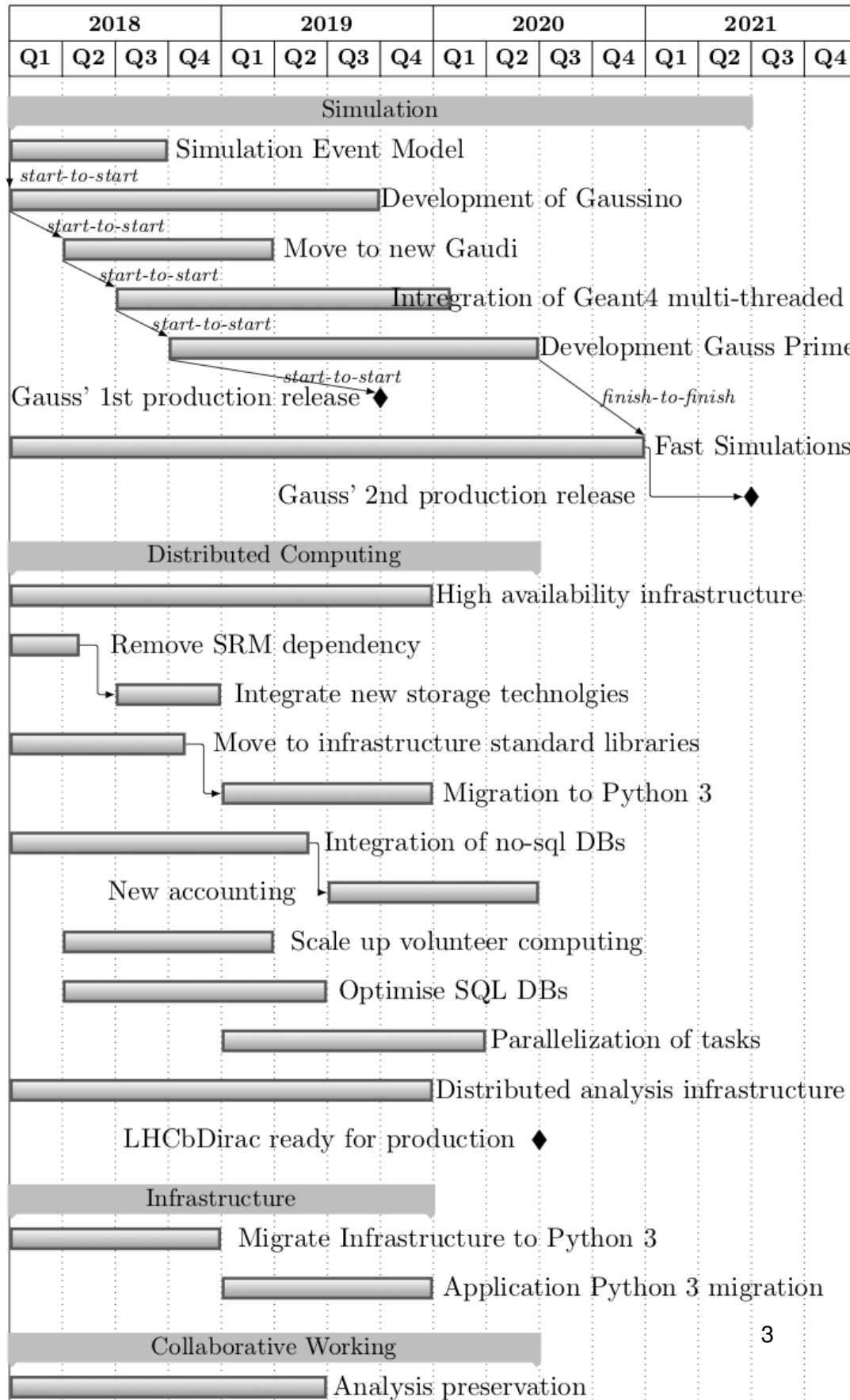


Gantt chart from TDR



Gantt chart from TDR



Details

Lead group	Computing
Participating groups	Computing, Simulation, HLT
Description	Development of event model, paying particular attention to the link between the event model and the simulation event model
Required FTE	1
Available FTE	1
Deadline	Q4/2018
Dependencies	T&A, HLT, Simulation
People currently involved	Paul, Dominik
New effort required?	Yes (in sub-systems)
Link to documentation	

Lead group	Computing
Participating groups	Computing, Simulation, HLT
Description	Conditions interface development
Required FTE	0.5
Available FTE	0.5
Deadline	Q4/2018
Dependencies	
People currently involved	Hadrien
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing, Simulation, HLT
Description	Conditions framework integration
Required FTE	0.5
Available FTE	0.5
Deadline	Q4/2019
Dependencies	Conditions interface
People currently involved	Hadrien
New effort required?	No
Link to documentation	

Lead group	Computing, Simulation, HLT
Participating groups	Computing
Description	DD4HEP basic validation
Required FTE	0.5
Available FTE	0.1
Deadline	Q2/2018
Dependencies	Simulation, HLT
People currently involved	Ben
New effort required?	YES
Link to documentation	

Lead group	Computing
Participating groups	Computing

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Description	DD4HEP framework integration
Required FTE	0.3
Available FTE	0
Deadline	Q2/2019
Dependencies	Simulation, HLT
People currently involved	Ben?
New effort required?	Yes most probably
Link to documentation	

Lead group	Computing
Participating groups	Computing, Simulation, HLT
Description	DD4HEP Content migration
Required FTE	2-3
Available FTE	0
Deadline	Q2/2020
Dependencies	DD4HEP framework integration
People currently involved	None
New effort required?	Yes (all sub-systems)
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	DaVinci user analysis development
Required FTE	1-2
Available FTE	0
Deadline	Q3/2020
Dependencies	Gaudi and LHCb sw stack
People currently involved	0
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing, HLT
Description	Develop offline processing apps
Required FTE	1-2
Available FTE	1
Deadline	Q3/2020
Dependencies	MiniBrunel/MiniMoore
People currently involved	Sebastien, Christophe
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	High availability infrastructure for LHCbDIRAC
Required FTE	1
Available FTE	0.5
Deadline	Q4/2019
Dependencies	Cern IT Services (Openstack, Mesos)
People currently involved	chris

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New effort required?	Move service to IT? How much is left on the LHCb side?
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Remove SRM dependencies & Integrate new storage technologies
Required FTE	0.5
Available FTE	0.5
Deadline	Q4/2018
Dependencies	Site storages, WLCG/DOMA initiative
People currently involved	Federico, Chris
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Move Infrastructure to standard python libraries
Required FTE	0.5
Available FTE	0.2
Deadline	Q3/2018
Dependencies	None
People currently involved	Federico
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Move LHCbDIRAC to Python 3
Required FTE	0.5
Available FTE	0.3
Deadline	Q4/2019
Dependencies	standard python libraries
People currently involved	Federico
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Integration of no-sql DBs
Required FTE	0.3
Available FTE	0.3
Deadline	Q2/2019
Dependencies	CERN/IT DBs
People currently involved	Zoltan + Student
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Migration to new accounting
Required FTE	0.3

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Available FTE	0.3
Deadline	Q2/2020
Dependencies	Nosql DBs
People currently involved	Zoltan + NCBJ?
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Scale up volunteer computing
Required FTE	0.3
Available FTE	0.3
Deadline	Q1/2019
Dependencies	LHCbDirac Agent developments
People currently involved	Luca
New effort required?	?
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Optimise SQL DBs
Required FTE	0.1
Available FTE	0.1
Deadline	Q2/2019
Dependencies	Cern Oracle
People currently involved	Zoltan
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Distributed analysis infrastructure development
Required FTE	0.3
Available FTE	0.1
Deadline	Q4/2019
Dependencies	WG productions
People currently involved	Federico & ?
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Migrate Infrastructure to Python 3
Required FTE	0.2
Available FTE	0.2
Deadline	Q4/2018
Dependencies	
People currently involved	StefanC
New effort required?	No
Link to documentation	

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Lead group	Computing
Participating groups	Computing
Description	Migrate Applications and configurations to Python 3
Required FTE	0.2
Available FTE	0.2
Deadline	Q4/2019
Dependencies	Infrastructure migration
People currently involved	StefanC
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Analysis preservation
Required FTE	0.2
Available FTE	0.1
Deadline	Q2/2019
Dependencies	
People currently involved	Sebastian
New effort required?	Yes
Link to documentation	

Lead group	Computing
Participating groups	Computing
Description	Data preservation
Required FTE	0.2
Available FTE	0.2
Deadline	Q2/2020
Dependencies	None
People currently involved	Yandex
New effort required?	No
Link to documentation	

Lead group	Computing
Participating groups	Computing, Simulation, HLT
Description	Development of Computing Model
Required FTE	0.3
Available FTE	0.3
Deadline	Q3/2018
Dependencies	None
People currently involved	Stefan, Gloria & Sascha
New effort required?	No
Link to documentation	

-- StefanRoiser - 2018-03-29

This topic: LHCb > ComputingActivities
 Topic revision: r4 - 2018-06-09 - VladimirGligorov



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