



Emulator status

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L1 Calo Stage1 Upgrade Meeting
(March 26, 2014)

Status of the code implementation

[GitHub:cms-l1t-offline/cmssw/L1Trigger/L1TCalorimeter](https://github.com/cms-l1t-offline/cmssw/L1Trigger/L1TCalorimeter)

	Data format	Algorithm	Isolation
Jets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
SumET	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
Egamma	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tau	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Region calibration	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Next milestone: validation

Accomplishments at the previous milestone

- ☑ The Algos, DataFormats, and basic classes exist & compile
- ☑ CaloRegion pileup subtraction, isolation, ... implemented
- ☑ Loose ends to be tightened during the run/validation step

Goals for the next milestone

- Make sure everything runs and gives sensible results
- Define validation metric/ benchmarks
- Validate against UCT2015 results (using common samples etc.)
- Develop machinery to compute rates & efficiencies in factory mode
- **Target date: end of April**