

Brief description of FASST project and features	Priority	Ease of implement.: simple, medium or	Primary (Name)	Note	Others Impacted	Current MAST status	Brief description	Other resources
DATA DISCOVERY SERVICES; PORTAL AND WEB SERVICES	High		Interface team	Standards		Web services project	DATA DISCOV	Requires web services
Data-service and holdings descriptions	High		Interface team	Class-X, Simbad		Web services project	Data-service all	Requires web services
Astro-browse style method for acquiring info on objects	High		Interface team			Web services project	Astro-browse s	Requires web services
Google-style search for portal contents	High		Interface team	Standards		Web services project	Google-style s	Requires web services
Query description standards			Interface team				Query descripti	Requires web services
Data retrieval protocols (& standard descriptions)	High		Interface team	Standards		Web services project	Data retrieval p	Requires web services
Expert domain definitions, to organize data trees	High	s	Interface team		Science Div		Expert domain definitions, to organize data	
My-portal customization: accounts	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
My-portal customization: data tracking	Medium	s	Interface team		Shark Cage I		My-portal cust	
My-portal customization: proposal tracking	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
My-portal customization: deadlines, due dates	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
My-portal customization: automatic data serach	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
My-portal customization: automatic literature search	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
My-portal customization: news (docs, software, press releases)	Medium	s	Interface team			Web services project	My-portal cust	Requires web services
Agent discovery	Low	c	Interface team			Web services project	Agent discover	Requires web services
Simultaneous STSci catalog resources: simultaneous search of GSC2+SDSS+MAST and simple product production (sub-catalogs)	High	s	Interface team + SDSS + catalogs		Catalogs	to be assigned	Simultaneous STSci catalog resources: Expand	
Expand catalog searches from different services, sky location-based: expand search to Chandra, 2MASS, Vizier	High	s	Interface team		Catalogs	ADEC	catalog searches from	
Cross-correlation query service: access multiple catalogs, extract information from GSC2, 2MASS, SDSS; use joint object IDs (pre-existing cross-ID, dependent on database) ; or allow specification of nearest neighbor or brightest nearest neighbor.	Medium	c	Interface team+ science		Catalogs	Not yet possible: NVO	Cross-correlation query service: access multiple	
Plugin dev: plot query results	Low	m	Interface team	More useful for object cats than obs. cats.	ESS	Not in queue	Plugin dev: plot	XML standards makes this easy. But it's not immediately useful for observation logs.
Improve coordinate solutions	High	c	Insrument teams	SHARE	Catalog access, catalog update, Pipeline update, data reprocessing	Will wait on inst team: ARCHDEV group	Improve coordinate solutions	

