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For guidelines see in relevant "Guide for Proposers"

Proposal submission forms for financial support from the EC for shared-cost RTD actions: research and technological development projects, demonstration projects, and combined projects

If possible, these forms should be prepared using the Proposal Preparation Tool (ProTool), which is available via the Commission Internet site http://www.cordis.lu/fp5/protool or on CD-Use of the Proposal Preparation Tool is preferred by the Commission. However ROM. applicants may also use the forms in the Guide for Proposers. Using the ProTool, forms may be submitted electronically, or printed out and returned on paper.

Information on the Proposal ¹													
Proposal Full Name	Multilingual N	ultilingual Upper-Level Electronic Commerce Ontology											
Proposal Acronym ⁵	MULECO		Proposal No ⁶										
Call Identifier ³	7th Call												
Research Programme(s) ²	IST-2001	IST-2001											
Thematic priorities ²	IST-2001-2.1.4	IST-2001-3.3.1											

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			Shared Cost	RTD Propos	sal Form – F	orm A	1			
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Proposal Acronym ⁵	MULECO			Proposal No	b ⁶					
A1.		Proposal	Administrativ	e Overv	view ¹					
Thematic priorities ²	IST-2001-	2.1.4 IST	-2001-3.3.1							
Type of Action ⁴	RS									
Proposal Full Name	Multilir	ngual Uppe	er-Level Elec	tronic	Commer	ce Or	ntol	.ogy	7	
Contact person for th	ne proposal((s) ⁷								
Title (Dr, Prof.,)	Mr.			Ge	ender ⁸	F		М	X	
Family Name	Bryan									
First Name	Martin								-	
Organisation Legal Name ⁹	The SGMI	L Centre								
Department / Institute Name ¹⁰										
PO Box ¹¹								_		
Street Name and Number	29 Oldbury Orchard									
Post Code ¹²	GL3 2PU		Cedex ¹³							
Town/City	Churchdo	own, Glos.								
Country Code 14	UK Co	ountry Name ¹⁴	United King	Jdom					_	
Telephone No ¹⁵	(44-1452	2)714029	Fax No 15	(4	4-1452)	7140	29		_	
E-mail	mtbryan@	@sgml.u-ne	et.com							
Proposal abstract (m										
The CEN/ISSS EC W Electronic Commerce commerce terminol investigate how an ontologies could i relating terms de business communit such as ISIC, NAC these provides the evaluate existing methodologies and will then test the	ce Ontolog ogies, com dvanced co help elect fined in c ies. It wi E and the e best sta methodolo tools for	gy to help u mponent liba oncepts of w tronic comme different Eu ill evaluate ISO Classif arting point ogies and to c creating t	asers to descri araries and ont word management erce. It will e aropean languag e existing busi fication of Sta for describin pols before rec the experimenta	be and ca ologies. develope explore the res for us ness clas ndards to g EC app commending	ategorize This pro ed for NI he proble se by dif ssificat o determ lications g/develop	e elec oject LP and ems of feren ions s ine wh s. It ping	ctror will d f int nt scher hich will	l ter- mes, of l		
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Keywords ²⁰	Multilir		E-Commerce		Ontolo	ogy			_	
Have you or any of you similar in content to an Programme Name	r partners, provide the second s	y Programme? I	rently, submitted thi If yes, please give de Year	is proposal etails of the Proposal	proposal ²¹	Y		Ν	X	
Duly authorised by the of this proposal and the partners and that the co Date (DD/MM/YYYY)	e information	partners to send on forms A1, A ellectively agree	this proposal to the A2, A3 and A4 is acc	e Commissi urate and ag	<u>ion,</u> I certify greed to by	the cor			ic	





A2.

EUROPEAN COMMISSION
RESEARCH DIRECTORATES
GENERAL
SHARED COST
RTD PROPOSAL FORMS

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Proposal No 6

Proposal Acronym ⁵ MULECO

Proposal Summary 22

Objectives (maximum 1000 characters)

To research and develop an upper-level ontology for describing electronic commerce applications in a format that can be used to identify the relationships between ontologies, etc, used in different languages within electronic commerce applications. The upper-level ontology will take as its start point existing standardized industry and process classification schemes. The project will extend currently used techniques for data classification, based on hierarchical classification of terms into broader and narrower meanings, by allowing for more complex relationships, in particular those describing the relationships of wholes and parts which are vital to the mapping of the relationships between business processes.

Description of the work (maximum 2000 characters)

The project will study existing methods for defining addressable ontologies before determining a methodology for expressing addressable multilingual ontologies.

The project will study existing open source tools for recording ontologies before developing a toolkit for creating addressable multilingual ontologies.

Once the toolkit is available, and a study of existing upper-level schemes for classifying business information has been completed, the project will develop an addressable multilingual upper-level ontology and make it available over the Internet. On completion of the first version of the ontology, which will be based on a limited set of languages, the project team will evaluate the relationships between existing electronic ontologies and the multilingual upper-level ontology and show how the ontology can be integrated with existing applications based on FIPA-compliant intelligent agents.

The project will spend a significant amount of time liaising with other IST projects working on the development of the Semantic Web and related subjects. It will also work with both the CEN/ISSS Electronic Commerce Workshop and FIPA to ensure that the proposed methodology meets the needs of user communities. A CEN Workshop Agreement will be drafted by the project team.

Milestones and expected results (maximum 500 characters)

Report on characteristics needed for multilingual e-commerce ontologies Report evaluating existing tools for recording ontologies Report evaluating existing schemes for classifying business information Methodology for expressing addressable multilingual ontologies Open-source toolkit for the capture of multilingual ontologies Multi-lingual ontology Report on linking e-commerce ontologies to MULECO

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Proposal Acronym ⁵	MULECO)		Proposa	l No ⁶					
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Organisation Legal Name ²⁸	Softwa	are Internet Clu	ster							
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Authorised person ⁴⁶		-								
Title (Dr, Prof.,)	Dr.				Gender ⁸	3	F	Х	м	
Family Name	Fried	rich		I			1			
First Name	Gerhar	rd								
Telephone No ¹⁵	(43-46	53)27003752 F	ax No ¹⁵		(43-46	53)27	003	799		
E-mail		rd.friedrich@uni		c.at						
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Shared Cost RTD Proposal Form – Form A4 (2/2)

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Proposal Acronym ⁵	MULECO)		Proposa	al No ⁶				
A3.	Parti	cipant Profile/Inf	ormatio	ON (1 for	m per pa	rticipant	t) ²³		
Legal information on	the parti	cipating organisation							
Participant Role ²⁴	CS	Participant No ²⁵	2	Assistar	nt to Contr	actor No	26		
Registration No with th	e Europea	n Commission's Researc	h Program	mes 27	200073	134			
Organisation Legal Name ²⁸	The SO	GML Centre							
Short Name ²⁹	SGML		Legal Re	gistration	No ³⁰				
Activity Type ³¹	IND	Legal Status ³²	PRC	If 'PRC',	Specify ³³	Consu	ıltan	t	
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Participant No, Short Name(s) and character of affiliations(s) (D / I) 44								I	
	departme	ent carrying out the wo	rk 45						
Department/ Institute Name ¹⁰	-	GML Centre							
PO Box ¹¹									
Street Name and Number	29 Old	lbury Orchard							
Post Code ¹²	GL3 21	PU (Cedex ¹³						
Town/City	Church	ndown, Glos.							
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Authorised person ⁴⁶	1				1		- 1		137
Title (Dr, Prof.,)					Gender	8	F	м	X
Family Name	Bryan								
First Name	Martin								
Telephone No ¹⁵			ax No ¹⁵		(44-14	452)71	4029		
E-mail	mtbrya	an@sgml.u-net.co	om						
I certify that the above		on is accurate and that m	y organisat	tion has ag	greed to p	articipate	e in this	propo	osal.
Date (DD/MM/YYYY)	17/09,	/2001							
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			Shared Co	st RID Pro	posal Fo	rm – Form A3	
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Address of the main	departme	ent carrying out the wor	k ⁴⁵				
Department/	Centre	e de Recherche d	e Moto	rola,	Paris		
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Street Name and Number	Espace	e Technologique	de St.	Aubin			
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Title (Dr, Prof.,)	Dr.				Gender	⁸ F	M X
Family Name	Demass	sieux				1	
First Name	Nicola	as					
Telephone No ¹⁵	(33-1))69352514 F	ax No ¹⁵		(33-1)69352501	
E-mail	Nicola	as.Demassieux@cr		com			
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A3.	Parti	cipant Profile/Inf	ormati	ON (1 for	m per parti	cipant)	23		
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Telephone No ¹⁵		F	ax No ¹⁵						
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Date (DD/MM/YYYY)	17/09,	/2001							
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			Shared Co	st RTD Proposal	Form – For	rm A3	
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Proposal Acronym ⁵	Proposal Acronym ⁵ MULECO Proposal No ⁶						
A3.	Parti	cipant Profile/Inf	ormatio	ON (1 form per	participan	nt) ²³	
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Participant Role ²⁴	CR Participant No ²⁵ 5		Assistant to Contractor No ²⁶				
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Date (DD/MM/YYYY)	17/09/	2001					
Signature of authorised	Signature of authorised person						

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Proposal Acronym ⁵	MULECO)		Proposa	al No ⁶					
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Registration No with the European Commission's Research Programmes 27										
Organisation Legal Name ²⁸	ation Legal IC Focus Ltd									
Short Name 29	IC Foo	cus	Legal Re	gistration	No ³⁰					
Activity Type ³¹	IND	Legal Status 32	PRC	-	'PRC', Specify ³³ Consultant					
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	departme	ent carrying out the wor	'k ⁴⁵							
Department/ Institute Name ¹⁰	IC Focus Ltd									
PO Box ¹¹										
Street Name and Number	42 Clifton Street									
Post Code ¹²	N8 8JA Cedex ¹³									
Town/City	LONDON	N								
Country Code ¹⁴	UK	Country Name ¹⁴ U	nited Ki	ngdom						
Authorised person ⁴⁶	I									
Title (Dr, Prof.,)					Gender ⁸	3	F	Х	М	
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			Shared Co	st RTD Proposal Fo	rm – Form A3	
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Proposal Acronym ⁵	MULECO Proposal No ⁶					
A3.	Particip	oant Profile/Info	ormatio	DN (1 form per pa	rticipant) ²³	
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Participant Role ²⁴		rticipant No ²⁵	7	Assistant to Contr	actor No 26	
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Organisation Legal Name ²⁸						
Short Name 29			Legal Re	gistration No ³⁰		
Activity Type ³¹	Leg	gal Status ³²		If 'PRC', Specify ³³		
Business Area ³⁴ (NACE)		er/Supplier ³⁵ (U / S)		Cost Basis ³⁶ (FC / I	FF / AC)	
Organisation details					.,,,,,	
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If No, please indicate legal name(s) of owner(s) who own 25 % or more ⁴²						
Is Your Organisation af	filiated to any	other participant(s) ir	the propo	osal ⁴³ ?	Y	N X
If Yes, please indicate Participant No, Short Name(s) and character of affiliations(s) (D / I) ⁴⁴						
Address of the main	department c	arrying out the wor	k ⁴⁵			1
Department/ Institute Name ¹⁰						
PO Box ¹¹						
Street Name and Number						
Post Code ¹²		C	edex ¹³			
Town/City		1		1		
Country Code ¹⁴	Со	untry Name ¹⁴				
Authorised person ⁴⁶		1		1		
Title (Dr, Prof.,)				Gender	8 F X	М
Family Name						
First Name						
Telephone No ¹⁵		F	ax No ¹⁵			
E-mail		4				
I certify that the above	information is	accurate and that my	organisat	ion has agreed to p	articipate in this r	proposal.
Date (DD/MM/YYYY)	17/09/20	01				
Signature of authorised	l person					

			Shared Co	st RTD Proposal Fo	orm – Form A3	
RESEARCH DI	r	EN D 2 ProTool genera For commission				
RTD PROPOS	AL FORMS					
Proposal Acronym ⁵	MULECO			Proposal No ⁶		
A3.	Partici	pant Profile/Inf	ormatio	DN (1 form per pa	articipant) ²³	
Legal information on	the particip	oating organisation				
Participant Role 24	Pa	articipant No ²⁵	8	Assistant to Cont	ractor No ²⁶	
Registration No with the	e European C	Commission's Researc	h Program	mes ²⁷		
Organisation Legal Name ²⁸				I		
Short Name 29			Legal Re			
Activity Type ³¹	Le	egal Status ³²		If 'PRC', Specify ³³		
Business Area ³⁴ (NACE)		ser/Supplier ³⁵ (U / S)		Cost Basis ³⁶ (FC /		
Organisation details			I		,	
Annual turnover ³⁸		nnual Balance Sheet T	otal 39	Numbe	r of employees ⁴⁰	
Is Your Organisation in	dependent ⁴¹ '	?			Y X	N
If No, please indicate						
legal name(s) of owner(s) who own						
25 % or more ⁴²						
Is Your Organisation af	filiated to any	y other participant(s) ii	n the propo	osal ⁴³ ?	Y	NX
If Yes, please indicate					i	
Participant No, Short Name(s) and character						
of affiliations(s)						
(D / I) ⁴⁴	L		- 45			
Address of the main	department	carrying out the wor	' k [‡] 3			
Department/ Institute Name ¹⁰						
PO Box ¹¹						
Street Name and Number						
Post Code ¹²		C	edex ¹³			
Town/City		I		I		
Country Code ¹⁴	Ca	ountry Name ¹⁴				
Authorised person ⁴⁶		, ,				
Title (Dr, Prof.,)				Gender	⁸ F ^X	м
Family Name				I	I	<u>ı I</u>
First Name						
Telephone No ¹⁵		F	ax No ¹⁵			
E-mail		· · ·				
I certify that the above i	information i	s accurate and that m	(organieat	ion has agreed to r	articinate in this	nroposal
Date (DD/MM/YYYY)	17/09/20		, organisat	ion nuo agreeu io p		
Signature of authorised	person					

- 	Shared Cost RTD Proposal Form – Form A2
**** EUROPEAN COMMISSION * RESEARCH DIRECTORATES * GENERAL **** SHARED COST RTD PROPOSAL FORMS	EN C 2 FP5RTD Protool generated FOR COMMISSION USE ONLY
Proposal Acronym ⁵ MULECO	Proposal No ⁶
A2.	Proposal Summary ²²
Objectives (maximum 1000 characters	5)
	es into the Semantic Web into electronic commerce time extending the concepts to deal with inter-
Description of the work (maximum 20	000 characters)

Milestones and expected results (maximum 500 characters)

API for requesting language equivalences CWA, Papers, Presentations, etc