KAKEN XML Definition

National Institute of Informatics

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Date	Version	Comment
2018/7/20	4.2.7	Change the frequency of the following items from 0..2 to 0..u: - grantAward/productList/product/title - grantAward/productListEnriched/product/title
2019/6/27	4.2.8	Add the 'authenticated' attribute to the following tag items: - productList/product/doi - productList/product/pmid - productList/product/pmcid - productList/product/issn - productList/product/jglobal - productList/product/isbn - productList/product/naid - productList/product/patentApplicationType - productList/product/patentApplicationNumber - productList/product/patentPublicationNumber - productList/product/url - productList/product/ut - productList/product/eid Add the 'sequence' attribute to the following tag item: - grantAward/summary/member/personalName Add a recording 'type' to the following 'Contents': - summary/paragraphList/@type - paragraphList/@type Change the frequency of the following item from 0..1 to 0..u: - grantAward/summary/allocation Add the following items: - grantAward/summary/allocation/@participate - grantAward/summary/allocation/@sequence - grantAward/grantList/grant/allocation/@sequence - grantAward/grantList/grant/allocation/@niiCode - grantAward/grantList/grant/allocation/@mextCode Add the element of the number of items acquired via API: - totalResults - startIndex - itemsPerPage Amend the following frequency descriptions: - grantAwardList (blank) -> 1..1 - grantAwardList/grantAward 1..1 -> 0..u
2019/07/22	4.2.9	Change the frequency of the following item from 1..1 to 0..1: - grantAward/@awardNumber Add the following items: - grantAward/summary/awardNumber/@/awardNumber - grantAward/summary/awardNumber/@participate - grantAward/summary/awardNumber/@sequence - grantAward/awardNumberList/@id - grantAward/awardNumberList/@parentId - grantAward/awardNumberList/awardNumber

2021/3/19	4.3.0	Change the frequency of the following item from 0..1 to 0..u: - productList/product/doi - productList/product/pmid - productList/product/pmcid - productList/product/issn - productList/product/jglobal - productList/product/isbn - productList/product/naid - productList/product/patentApplicationType - productList/product/patentApplicationNumber - productList/product/patentPublicationNumber - productList/product/url - productList/product/ut - productList/product/eid - productListEnriched/product/doi - productListEnriched/product/pmid - productListEnriched/product/pmcid - productListEnriched/product/issn - productListEnriched/product/jglobal - productListEnriched/product/isbn - productListEnriched/product/naid - productListEnriched/product/patentApplicationNumber - productListEnriched/product/patentPublicationNumber - productListEnriched/product/url Delete the following items: - memberList/member/attribute/affiliation/@from Change the frequency of the following item from 0..2 to 0..u: - productList/product/productList/author/@lang - productList/product/productList/journalTitle/@lang - productList/product/productList/organizer/@lang - productList/product/productList/publisher/@lang - productList/product/productList/place/@lang - productList/product/productList/description/@lang - productList/product/productList/patentInventor/@lang - productList/product/productList/patentAssignee/@lang - productList/product/productList/country/@lang - productList/product/productList/counterpartInstitution/@lang - productList/product/productList/coinvestigatorOverseas/@lang - productList/product/productList/department/@lang - productList/product/productList/jobTitle/@lang - productList/product/productList/plainText/@lang Add the following items: - summary/member/affiliation - summary/member/affiliation/@sequence - summary/member/affiliation/institution - summary/member/affiliation/institution/@instituionType - summary/member/affiliation/institution/@niiCode - summary/member/affiliation/department - summary/member/affiliation/department/@niiCode - summary/member/affiliation/jobTitle - summary/member/affiliation/jobTitle.@niiCode

KAKEN XML Definition 1

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
0	grantAwardList								1	1	Common Specification - If data is in both Japanese and English but only some of items are in English, the items with @sequence tag should have a corresponding @sequence number for the same data in Japanese and English.
1		grantAward (@=attribute)							0	u	Research Project (per data)
2			@id						1	1	Unique ID given to each Research Project
3			@recordSet						1	1	Dataset = kakenhi : Grant-in-Aid for Scientific Research (Kakenhi)
4			@projectType						0	1	Project Type = area: Innovative Area = project: Research Project (default) = organizer: Organizer = wrapup: Wrapup of Research Output = planned: Planned Research = publicly: Publicly Offered Research = international: Supporting Group for International Activities
5			@awardNumber						0	1	Project Number (Unique number within the same @recordSet)
6			identifier						0	u	Research Project Identifier
7				@type					1	1	Identifier Type = doi: DOI = nationalAwardNumber: Unified Project Number
8				normalizedValue					1	1	Normalised Value
9			created						1	1	Initial Data Creation Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
10			modified						0	1	Data Modification Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
11			parentAward						0	1	Specify Parent's Research Project
12				@id					0	1	Parent's grantAward@id (Parent ID of the Area's/Group's Project)
13				title					1	2	Parent's Research Project Title
14					@xml:lang				0	1	= ja: Japanese = en : English
15				summary					1	2	The latest Project Information with all submitted contents synthesised
16					@xml:lang				0	1	= ja: Japanese = en : English
17					title				0	1	Research Project Title
18					titleAbbreviated				0	1	Research Project Title (Abbreviation)
19					awardNumber				0	u	Project Number that exists within Research Project
20						@awardNumber			1	1	Value of Project Number
21						@participate			0	1	String for Year Range ex) 2000 / 2000-2001 / 2000,2002
22						@sequence			1	1	Appearance Priority (>=1)
23					category				0	u	System/Project or Category Type Title Repeat the System/Project element (as many times as needed)
24						@path			0	1	Assign value by listing code values of each System/Project in a hierarchical order
25						@niiCode			0	1	System/Project Title Code Assign code value in order to display the level -> Uniquely assigned code without indicating the hierarchy
26					categoryFc				0	1	System/Project corresponding to Research Project (Unique System/Project Title for facet)
27						@path			0	1	Assign value by listing code values of each System/Project in a hierarchical order
28						@niiCode			0	1	System/Project Title Code Assign code value in order to display the level -> Uniquely assigned code without indicating the hierarchy
29					section				0	1	Section Title
30						@niiCode			0	1	Section Code (NII Code)
31					field				0	u	Research Field Title
32						@sequence			1	1	Appearance Priority(>=1) Determine the correspondence of Japanese and English by the correspondence of 'sequence'.
33						@path			0	1	Assign value by listing code values of each Research Field in a hierarchical order
34						@niiCode			0	1	Research Field Code(NII Code)
35						@fieldTable			1	1	Research Field Type = saimoku: Research Fields =jigentsuki_saimoku: Research Fields with a Time Limit = tokusetsu_bunya: Focused Research Fields = senmon_bunya: Specialized Research Fields = zantei_bunya: The Area of Research for the Screening
36					review_section				0	u	Review Section Table (Title)
37						@sequence			1	1	Appearance Priority(>=1) Determine the correspondence of Japanese and English data by the correspondence of
38						@niiCode			1	1	Review Section Code (NII Code)
39						@tableType			1	1	Review Section Table Type
40					institution				0	u	Research Institution Name
41						@niiCode			0	1	Research Institution Code(NII Code)
42						@type			0	1	Research Institution Type = academic: Academic Institution = industry: Private Company
43						@participate			0	1	Year(s) Institution involved in Research Project Involved only in 2000: 2000 Involved between 2000 and 2002: 2000-2002 Involved in 2000 and 2002: 2000,2002
44						@sequence			1	1	Display Order of Institutions within the project
45					agency				1	1	Funding Agency Name
46						@niiCode			0	1	Funding Agency ID = kakenhi : Grant-in-Aid for Scientific Research (Kakenhi)

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47				allocation					0	u	Allocation Type Title
48					@niiCode				1	1	Allocation Type Code
49					@participate				0	1	Involved only in 2000: 2000 Involved between 2000 and 2002: 2000-2002 Involved in 2000 and 2002: 2000,2002
50					@sequence				1	1	Appearance Priority(>=1)
51				member					0	u	Describe Researcher in the order of the following roles 1. area_organizer 2. principal_investigator 3. host_researcher 4. research_fellow 5. principal_investigator_support x. Other than those above
52					@sequence				1	1	Appearance Priority(>=1) The same Researcher Information in Japanese and English can be determined by corresponding the same sequence value
53					@participate				0	1	Year(s) Researcher involved in Research Project, Year(s) Researcher Information appeared Involved only in 2000: 2000 Involved between 2000 and 2002: 2000-2002 Involved in 2000 and 2002: 2000,2002
54					@researcherNumber				0	1	Unified Researcher Number
55					@eradCode				0	1	eRad Code
56					@role				1	1	Researcher Role
57					institution				0	1	Affiliated Instituution (Deprecated)
58						@institutionType			0	1	Research Institution Type = academic: Academic Institution = industry: Private Company
59						@niiCode			0	1	@niiCode
60					department				0	1	Affiliated Department (Deprecated)
61						@niiCode			0	1	@niiCode
62					jobTitle				0	1	Job Title at the Affiliation (Deprecated)
63						@niiCode			0	1	@niiCode
64					affiliation				0	u	Institution/Department/Job Title
65						@sequence			1	1	Appearance Priority (>=1)
66						institution			0	1	Affiliated Instituution
67							@institutionType		0	1	Research Institution Type = academic: Academic Institution = industry: Private Company
68							@niiCode		0	1	@niiCode
69						department			0	1	Affiliated Department
70							@niiCode		0	1	@niiCode
71						jobTitle			0	1	Job Title at the Affiliation
72							@niiCode		0	1	@niiCode
73					personalName				0	1	Researcher Name
74						@sequence			1	1	Appearance Priority (>=1) '1' is for main description on Researcher Name, and others for description of other names
75						fullName			1	1	Full Name (Insert a en space between Family Name and Given Name)
76						familyName			0	1	Family Name
77							@yomi		0	1	Family Name (yomi)
78						givenName			1	1	Given Name
79							@yomi		0	1	Given Name (yomi)
80					memberStatus				0	1	Researcher's Status Information
81						@statusCode			0	1	Status Code
82					enriched				0	1	'Researcher Code indicating this researcher', generated based on the external information
83						researcherNumber			1	u	Researcher Code
84							@type		1	1	Code Type. Only support 'erad' at the moment.
85			projectStatus						0	1	Project Status Output only one attribute except 'note'
86					@fiscalYear				0	1	Set grant@fiscalYear or report@fiscalYear at the time of producing 'summary'
87					@statusCode				1	1	Research Project's Status = adopted: Adopted = granted: Granted = ceased: Ceased = suspended: Suspended = project_closed: Completed = declined: Declined = discontinued: Discontinued
88					@date				0	1	Date (YYYY-MM-DD)
89					note				0	1	Reasons for changing the status
90			keywordList						0	1	Keywords Set (Merge all Keywords appear in the project)
91				keyword					1	u	Keywords
92					@sequence				1	1	Appearance Priority (>=1)
93			paragraphList						0	u	Paragraph Set for each Paragraph Type
94				@sequecne					1	1	Priority for each Paragraph Set
95				@parentId					1	1	Original Parent ID of paragraphList included in 'summary'

KAKEN XML Definition 3

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
96					@type				1	1	Paragraph Type = purpose: Research Purpose = abstract: Research Outline = outline_of_research_achievement: Outline of Research Output = outline_of_research_performance: Outline of Research Performance = implementation_schedule: Research Plan (Current FY) = progress: Progress to date = planning_scheme: Future Research Plan = planning_budget_expenditure: Research Budget Plan (Next FY) = plan_of_carry_over: Carry-over Expenditure Plan (Next FY) = significance_of_research_achievement: Academic Significance and Societal Importance of the Research Achievements = outline_of_research_initial: Outline of Research at the Start
97					paragraph				1	u	Individual Paragraph Text
98						@sequence			1	1	Appearance Priority(>=1)
99				classification					0	u	Include all 'classifications' that has the following 'types' 1. inspection 2. assessment 3. remark_jigo 4. remark_chukan For the 'classification' that has the following 'type', include only the latest 'classification' 1. progress
100					@id				1	1	Classification ID
101					@type				1	1	Classification Type = inspection: Verification Results = assessment: Assessment Results = remark_jigo: Comments (Ex-post Assessment) = remark_chukan: Comments (Interim Assessment) = progress: Progress to date
102					@statusCode				1	1	Contents for each Classification Type
103					@sequence				1	1	Appearance Priority (>=1)
104				periodOfAward					0	1	Project Period Output only one regardless of summary@lang
105					@searchStartFiscalYear				0	1	Research Start Year for search purposes. Output only one regardless of summary@lang. If there are multiple summary@lang, adopt "ja" by priority. Create from Start Date, Start Year
106					@searchEndFiscalYear				0	1	Research End Year for search purposes Create from End Date, End Year
107					startDate				0	1	Start Date (YYYY-MM-DD)
108					endDate				0	1	End Date (YYYY-MM-DD)
109						@estimated			0	1	Predetermined Flag = false: Fixed = true: Estimated
110						@nondisclosure			0	1	Unpublicised Flag = true: Unpublicised
111					startFiscalYear				0	1	Start Year (YYYY)
112					endFiscalYear				0	1	End Year (YYYY)
113						@estimated			0	1	Predetermined Flag = false: Fixed = true: Estimated
114						@nondisclosure			0	1	Unpublicised Flag = true: Unpublicised
115				overallAwardAmount					0	u	Award Amount (Total)
116					@planned				0	1	Award Amount Flag = false: Allocated Amount (default) = true: Planned Amount
117					@sequence				1	1	Appearance Priority (>=1)
118					@userDefiendId				0	1	Award Amount (Total) ID
119					@caption				1	1	Title of this Award Amount
120					directCost				0	1	Overall Direct Cost (Project's Total Cost)
121					indirectCost				0	1	Overall Indirect Cost (Project's Total Cost)
122					totalCost				1	1	Total Cost (Project's Total Cost)
123					convertedJpyTotalCost				0	1	Converted Total Cost in Japanese yen
124					unit				0	1	A currency unit.
125						originalValue			1	1	For display purpose
126						normalizedValue			0	1	Normalised Value
127			grantList						0	1	Adopted Project/Granted List
128				grant					1	u	Adopted Project/Granted
129					@id				1	1	Unique ID for each data; however, assign the same ID for the same data in Japanese and English.
130					@xml:lang				0	1	= ja: Japanese = en : English
131					@fiscalYear				0	1	Applicable Fiscal Year
132					@sequence				1	1	Appearance Priority (>=1)
133					@continued				0	1	New/Continued Section (Deprecated) = false: New (default) = true: Continued
134					title				0	1	Research Project Title
135					titleAlternative				0	u	Research Project Title (Other Titles). To be used only for search.

KAKEN XML Definition 4

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
136					titleAbbreviated				0	1	Research Project Title (Abbreviation)
137					periodOfAward				0	1	Project Period
138						@searchStartFiscalYear			0	1	Research Start Year for search purposes Create from Start Date, Start Year
139						@searchEndFiscalYear			0	1	Research End Year for search purposes Create from End Date, End Year
140						startDate			0	1	Start Date (YYYY-MM-DD)
141						endDate			0	1	End Date (YYYY-MM-DD)
142							@estimated		0	1	Predetermined Flag = false: Fixed = true: Estimated
143							@nondisclosure		0	1	Unpublicised Flag = true: Unpublicised
144						startFiscalYear			0	1	Start Year (YYYY)
145						endFiscalYear			0	1	End Year (YYYY)
146							@estimated		0	1	Predetermined Flag = false: Fixed = true: Estimated
147							@nondisclosure		0	1	Unpublicised Flag = true: Unpublicised
148					category				0	u	System/Project or Category Type Title Repeat the System/Project element (as many times as needed)
149						@path			0	1	Assign value by listing code values of each System/Project in a hierarchical order
150						@niiCode			0	1	System/Project Title Code Assign code value in order to display the level -> Uniquely assigned code without indicating the hierarchy
151						@mextCode			0	1	MEXT Code
152						@jspsCode			0	1	JSPS Code
153						@eradCode			0	1	eRad Code
154					section				0	1	Section Title
155						@niiCode			0	1	Section Code (NII Code)
156						@mextCode			0	1	MEXT Code
157						@jspsCode			0	1	JSPS Code
158						@eradCode			0	1	eRad Code
159					field				0	u	Research Field Title
160						@sequence			1	1	Appearance Priority (>=1) Determine the correspondence of Japanese and English data by the correspondence of
161						@path			0	1	Assign value by listing code values of each Research Field in a hierarchical order
162						@fieldTable			0	1	Research Field Type = saimoku: Research Fields = jigentsuki_saimoku: Research Fields with a Time Limit = tokusetsu_bunya: Focused Research Fields = senmon_bunya: Specialized Research Fields = tokubetsu_kenkyu: Research Fields for Research Fellow = zantei_bunya: The Area of Research for the Screening
163						@niiCode			0	1	Research Field Code (NII Code)
164						@mextCode			0	1	MEXT Code
165						@jspsCode			0	1	JSPS Code
166						@eradCode			0	1	eRad Code
167					review_section				0	u	Section Table (Title)
168						@sequence			1	1	Appearance Priority (>=1) Determine the correspondence of Japanese and English data by the correspondence of
169						@niiCode			1	1	Section Code (NII Code)
170						@tableType			1	1	Section Table Type
171					institution				0	u	Institution
172						@type			0	1	Research Institution Type = academic: Academic Institution = industry: Private Company
173						@sequence			1	1	
174						@niiCode			0	1	Research Institution Code (NII Code)
175						@mextCode			0	1	MEXT Code
176						@jspsCode			0	1	JSPS Code
177						@jglobalCode			0	1	J-GLOBAL Institution Code
178						@eradCode			0	1	eRad Code
179						@rmapCode			0	1	Researchmap Code
180					allocation				0	u	Allocation Type
181						@sequence			1	1	Appearance Priority (>=1)
182						@niiCode			0	1	Allocation Type Code (NII Code)
183						@mextCode			0	1	MEXT Code
184					agency				1	1	Funding Agency Name
185						@niiCode			0	1	Funding Agency ID = kakenhi : Grant-in-Aid for Scientific Research (Kakenhi)
186					projectStatus				0	1	Project Status
187						@statusCode			1	1	Research Project's Status = adopted: Adopted = granted: Granted = ceased: Ceased = suspended: Suspended = project_closed: Completed = declined: Declined = discontinued: Discontinued

KAKEN XML Definition 5

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
188						@date			0	1	Date (YYYY-MM-DD)
189						note			0	1	Reasons for changing the status
190					overallAwardAmount				0	1	Award Amount (Total)

191						@planned			0	1	Award Amount Flag
											  = false: Award Amount (default)
											  = true: Planned Amount

192						directCost			0	1	Overall Direct Cost (Project's Total Cost)
193						indirectCost			0	1	Overall Indirect Cost (Project's Total Cost)
194						totalCost			1	1	Total Cost (Project's Total Cost)
195						convertedJpyTotalCost			0	1	Converted Total Cost in Japanese yen
196						unit			0	1	A currency unit.
197							originalValue		1	1	For display purpose
198							normalizedValue		0	1	Normalised Value
199					created				1	1	Initial Data Creation Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
200					modified				0	1	Data Modification Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
201			reportList						0	1	Report/Assessment List
202				report					1	u	Report
203					@id				1	1	Unique ID for each data; however, assign the same ID for the same data in Japanese and English.
204					@parentId				1	1	Parent Research Project to be linked: deprecated. Transferred to 'parent' element.
205					@type				1	1	Project Details Record Types (codes) = jiseki_hokoku: Annual Research Report = jiko_hyoka_hokoku: Self-evaluation Report = kenkyu_shinchoku_hyoka: Research Progress Assessment = kenkyu_seika_hokoku_gaiyo: Final Research Report Summary = chukan_hyoka_hokoku: Interim Assessment Report = jigo_hyo ka_hokoku: Ex-post Assessment Report = jishi_jokyo_hokoku: Research-status Report = kenkyu_seika_hokoku: Final Research Report = saitaku_shoken: Comments on the Screening Results = saitaku_gaiyo: Abstract = kenkyu_shinchoku_hyoka_gaiyo: Abstract(Research Progress Assessment) = kenkyu_shinchoku_hyoka_genchi_chosa: Research Progress Assessment (Comments on the Site Visits) = kenkyu_shinchoku_hyoka_keka: Research Progress Assessment (Result) = kenkyu_shinchoku_hyoka_kensho: Research Progress Assessment (Verification Result) = tsuiseki_hyoka_shoken: Comments (Follow-up Assessment) = tsuiseki_hyoka_jiko_hyoka: Self-evaluation (Follow-up Assessment) = tsuiseki_hyoka_kenkyu_gaiyo: Abstract(Follow-up Assessment) = chukan_hyoka_shoken: Interim Assessment (Comments) = jigo_hyoka_shoken: Ex-post Assessment (Comments) = jiseki_hokoku_2: Annual Research Report(2) = db_kokai_henko_hokoku: Database Status Report = shinbun_keisai_hokoku: Press Release Report = kenkyu_seika_hapyo_hokoku: Products Report

206					@xml:lang				0	1	Assessment Language
											  = ja : Japanese
											  = en : English

207					@fiscalYear				0	1	Applicable Fiscal Year
208					@sequence				1	1	Appearance Priority (>=1) Larger the value the latest
209					@date				0	1	Assessment Date(YYYY-MM-DD)
210					parent				1	u	Parent element of the applicable report
211						@id			1	1	Parent element's ID
212					language				0	1	ISO 639-2, Body Text Language jpn: Japanese eng: English
213					title				0	1	Research Project Title
214					titleAbbreviated				0	1	Research Project Title (Abbreviation)
215					doi				0	u	DOI
216					projectStatus				0	1	Project Status
217						@statusCode			1	1	Research Project Status = adopted: Adopted = granted: Granted = ceased: Ceased = suspended: Suspended = project_closed: Completed = declined: Declined = discontinued: Discontinued
218						@date			0	1	Date (YYYY-MM-DD)
219						note			0	1	Reasons for changing the status
220					created				1	1	Data Creation Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
221					modified				0	1	Data Modification Date (YYYY-MM-DDTHH:MI:SSZ), ISO8601 format, GMT, with Z at the end
222			productList						0	1	Research Output List
223				product					1	u	Research Output
224					@id				1	1	Research Output Data's Unique ID
225					@productId				0	1	ID specified by the data creator in order to trace the Research Output

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
226					@type				1	1	Research Output Type = journal_article: Journal Article = presentation: Presentation = symposium: Funded Workshop = book: Book = press: Press Release = award: Award = other: Other = note: Notes = patent: Patent (Industrial Property Right) = publication: Publications = database: Database = jointInternational: International Joint Research
227					@sequence				1	1	Appearance Priority (>=1)
228					@reviewed				0	1	Peer Reviewed or Not = false: Not Peer Reviewed = true: Peer Reviewed
229					@invited				0	1	Invited Lecture or Not = false: Not Invited Lecture = true: Invited Lecture
230					@foreign				0	1	Overseas or not = false: Japan = true: Overseas
231					@openAccess				0	1	Open Access or Not = false: Not Open Access (default) = true: Open Access
232					@acknowledgement				0	1	With or Without Acknowledgement = false: Without Acknowledgement (default) = true: With Acknowledgement
233					@jointInternational				0	1	International Co-authorship/Conference or Not = false: Not International Co-authorship/Conference (default) = true: International Co-authorship/Conference
234					language				0	1	Main Language (Specify in ISO 639-2 code) = jpn: Japanese = eng: English
235					parent				1	u	Specify the Parent
236						@id			1	1	Parent ID
237					doi				0	u	DOI
238						@originalValue			0	1	For display purpose
239						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
240					pmid				0	u	PubMed ID
241						@originalValue			0	1	For display purpose
242						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
243					pmcid				0	u	PubMedC ID
244						@originalValue			0	1	For display purpose
245						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
246					issn				0	u	ISSN
247						@originalValue			0	1	For display purpose
248						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
249					jglobal				0	u	J-GLOBAL ID
250						@originalValue			0	1	For display purpose
251						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
252					isbn				0	u	ISBN
253						@originalValue			0	1	ISBN for display purpose
254						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
255					naid				0	u	CiNii Books or Articles ID
256						@originalValue			0	1	CiNii Books or Articles ID for display purpose
257						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
258					patentApplicationType				0	u	Patent (Industrial Property Right), Patent Type
259						@originalValue			0	1	For display purpose
260						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
261					patentApplicationNumber				0	u	Patent (Industrial Property Right), Application Number
262						@originalValue			0	1	For display purpose

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No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
263						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
264					patentPublicationNumber				0	u	Patent (Industrial Property Right), Publication Number
265						@originalValue			0	1	For display purpose
266						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
267					url				0	u	URL
268						@originalValue			0	1	A tag for display purpose
269						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
270					ut				0	u	WoS ID
271						@originalValue			0	1	For display purpose
272						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
273					eid				0	u	Scopus ID
274						@originalValue			0	1	For display purpose
275						@authenticated			0	1	Authenticated or not = false: Not authenticated = true: Authenticated
276					author				0	u	Author's/Presenter's Name
277						@xml:lang			0	1	Language = ja: Japanese = en: English
278					title				0	u	Title/Article Title/Presentation Title
279						@xml:lang			0	1	Language = ja: Japanese = en: English
280					journalTitle				0	u	Journal Title
281						@xml:lang			0	1	Language = ja: Japanese = en: English
282					organizer				0	u	Conference Organiser's Name
283						@xml:lang			0	1	Language = ja: Japanese = en: English
284					publisher				0	u	Publisher
285						@xml:lang			0	1	Language = ja: Japanese = en: English
286					volume				0	1	Volume
287					issue				0	1	Issue
288					pages				0	1	Page. Connect the normalised values with a hyphen (e.g. 'FROM-TO'). Page. Connect the normalised values with a hyphen (e.g. 'FROM-TO'). If it does not have FROM, describe '-To'. If it does not have TO, describe 'FROM-'. If it does not have either of them, the text is omitted.
289						@originalValue			0	1	Page for display purpose
290					totalPages				0	1	Total Number of Pages
291						@originalValue			0	1	Total Number of Pages for display purpose
292					year				0	1	Publication Year (Normalise to 4 digits)
293						@originalValue			0	1	Date for display purpose
294					date				0	1	Date (YYYY-MM-DD). If it is a range, normalise it to (YYYY-MM-DD/YYYY-MM-DD).
295						@originalValue			0	1	Date for display purpose
296					place				0	u	Place of Presentation
297						@xml:lang			0	1	Language = ja: Japanese = en: English
298					description				0	1	Description
299					patentInventor				0	u	Patent (Industrial Property Right), Inventor
300						@xml:lang			0	1	Language = ja: Japanese = en: English
301					patentAssignee				0	u	Patent (Industrial Property Right), Right Holder/Applicant
302						@xml:lang			0	1	Language = ja: Japanese = en: English
303					patentApplicationDate				0	1	Patent (Industrial Property Right), Application Date (YYYY-MM-DD)
304						@originalValue			0	1	For display purpose
305					patentApplicationYear				0	1	Patent (Industrial Property Right), Application Year (YYYY)
306						@originalValue			0	1	For display purpose
307					patentIssueDate				0	1	Patent (Industrial Property Right), Issue Date (YYYY-MM-DD)
308						@originalValue			0	1	For display purpose
309					patentIssueYear				0	1	Patent (Industrial Property Right), Issue Year (YYYY)
310						@originalValue			0	1	For display purpose
311					patentPublicationDate				0	1	Patent (Industrial Property Right), Publication Date (YYYY-MM-DD)
312						@originalValue			0	1	For display purpose
313					patentPublicationYear				0	1	Patent (Industrial Property Right), Publication Year (YYYY)

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
314						@originalValue			0	1	For display purpose
315					country				0	u	Country Name
316						@xml:lang			0	1	Language = ja: Japanese = en: English
317					otherCountry				0	1	Number of Other Countries
318					counterpartInstitution				0	u	Overseas Institution Name
319						@xml:lang			0	1	Language = ja: Japanese = en: English
320					otherInstitution				0	1	Number of Other Institutions
321					coinvestigatorOverseas				0	u	Main Overseas Co-investigator's Name
322						@xml:lang			0	1	Language = ja: Japanese = en: English
323					department				0	u	Department
324						@xml:lang			0	1	Language = ja: Japanese = en: English
325					jobTitle				0	u	Job Title
326						@xml:lang			0	1	Language = ja: Japanese = en: English
327					changeDate				0	1	Approval Date for changing Overseas Institution
328					plainText				0	u	Plain Text
329						@xml:lang			0	1	Language = ja: Japanese = en: English
330			productListEnriched						0	1	Research Output, whose information is supplemented by other source and aggregated and integrated within the project
331				product					1	u	Research Output, whose information is supplemented
332					@id				1	1	Research Output ID, whose information is supplemented
333					@type				1	1	Research Output Type = journal_article: Journal Article = presentation: Presentation = symposium: Funded Workshop = book: Book = press: Press Release = award: Award = other: Other = note: Notes = patent: Patent (Industrial Property Right) = publication: Publications = database: Database = jointInternational: International Joint Research
334					@sequence				1	1	Appearance Priority (>=1)
335					@reviewed				0	1	Peer Reviewed or Not = false: Not Peer Reviewed = true: Peer Reviewed
336					@invited				0	1	Invited Lecture or Not = false: Not Invited Lecture = true: Invited Lecture
337					@foreign				0	1	Overseas or not = false: Japan = true: Overseas
338					@openAccess				0	1	Open Access or Not = false: Not Open Access (default) = true: Open Access
339					@acknowledgement				0	1	With or Without Acknowledgement = false: Without Acknowledgement (default) = true: With Acknowledgement
340					@jointInternational				0	1	International Co-authorship/Conference or Not = false: Not International Co-authorship/Conference (default) = true: International Co-authorship/Conference
341					ref				1	u	Refer to Research Output, from which the information was integrated
342						@id			1	1	Corresponding Research Output's //productList/product@id
343						@productId			0	1	Corresponding Research Output's //productList/product@productId
344					language				0	1	Research Output's Main Language (Specify in ISO 639-2 code) = jpn: Japanese = eng: English
345					parent				1	u	Parent element of Research Output, on which the aggregated result is based. Include all without duplicating at '@id' level
346						@id			1	1	Corresponding element's @id
347					doi				0	u	DOI
348					pmid				0	u	PubMed ID
349					pmcid				0	u	PubMedC ID
350					issn				0	u	ISSN
351					jglobal				0	u	J-GLOBAL ID
352					isbn				0	u	ISBN
353					naid				0	u	CiNii Books or Articles ID
354					patentApplicationType				0	u	Patent (Industrial Property Right), Patent Type

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No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
355					patentApplicationNumber				0	u	Patent (Industrial Property Right), Application Number
356					patentPublicationNumber				0	u	Patent (Industrial Property Right), Publication Number
357					url				0	u	URL
358					author				0	2	Author's/Presenter's Name
359						@xml:lang			0	1	Language = ja: Japanese = en: English
360					title				0	u	Title/Article Title/Presentation Title
361						@xml:lang			0	1	Language = ja: Japanese = en: English
362					journalTitle				0	2	Journal Title
363						@xml:lang			0	1	Language = ja: Japanese = en: English
364					organizer				0	2	Conference Organiser's Name
365						@xml:lang			0	1	Language = ja: Japanese = en: English
366					publisher				0	2	Publisher
367						@xml:lang			0	1	Language = ja: Japanese = en: English
368					volume				0	1	Volume
369					issue				0	1	Issue
370					pages				0	1	Page. Connect the normalised values with a hyphen (e.g. 'FROM-TO'). If it does not have FROM, describe '-To'. If it does not have TO, describe 'FROM-'. If it does not have either of them, the text is omitted.
371					totalPages				0	1	Total Number of Pages
372					year				0	1	Publication Year (Normalise to 4 digits)
373					date				0	1	Date (YYYY-MM-DD). If it is a range, normalise it to (YYYY-MM-DD/YYYY-MM-DD).
374					place				0	2	Place of Presentation
375						@xml:lang			0	1	Language = ja: Japanese = en: English
376					description				0	1	Description
377					patentInventor				0	2	Patent (Industrial Property Right), Inventor
378						@xml:lang			0	1	Language = ja: Japanese = en: English
379					patentAssignee				0	2	Patent (Industrial Property Right), Right Holder/Applicant
380						@xml:lang			0	1	Language = ja: Japanese = en: English
381					patentApplicationDate				0	1	Patent (Industrial Property Right), Application Date (YYYY-MM-DD)
382					patentApplicationYear				0	1	Patent (Industrial Property Right), Application Year (YYYY)
383					patentIssueDate				0	1	Patent (Industrial Property Right), Issue Date (YYYY-MM-DD)
384					patentIssueYear				0	1	Patent (Industrial Property Right), Issue Year (YYYY)
385					patentPublicationDate				0	1	Patent (Industrial Property Right), Publication Date (YYYY-MM-DD)
386					patentPublicationYear				0	1	Patent (Industrial Property Right), Publication Year (YYYY)
387					country				0	2	Country Name
388						@xml:lang			0	1	Language = ja: Japanese = en: English
389					otherCountry				0	1	Number of Other Countries
390					counterpartInstitution				0	2	Overseas Institution Name
391						@xml:lang			0	1	Language = ja: Japanese = en: English
392					otherInstitution				0	1	Number of Other Institutions
393					coinvestigatorOverseas				0	2	Main Overseas Co-investigator's Name
394						@xml:lang			0	1	Language = ja: Japanese = en: English
395					department				0	2	Department
396						@xml:lang			0	1	Language = ja: Japanese = en: English
397					jobTitle				0	2	Job Title
398						@xml:lang			0	1	Language = ja: Japanese = en: English
399					changeDate				0	1	Approval Date for changing Overseas Institution
400					plainText				0	2	Plain Text
401						@xml:lang			0	1	Language = ja: Japanese = en: English
402			memberList						0	1	Researcher List

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
403				member					1	u	Treat each Researcher as a unique entry and repeat 'member' tag
404					@id				1	1	Unique ID assigned to each Researcher's data: however, assign the same ID to the same data in Japanese and English
405					@sequence				1	1	Appearance Priority (>=1)
406					@xml:lang				0	1	Language = ja: Japanese = en: English
407					@role				1	1	Researcher Role = principal_investigator: Principal Investigator = corporate_responsibility: Corporate Representative = research_responsibility: Research Representative = area_organizer: Area Organiser = co_investigator_buntan: Co-Investigator = co_investigator_renkei: Research Partners = research_collaborator: Research Collaborator = research_fellow: Research Fellow = foreign_research_fellow: Foreign Research Fellow = host_researcher: Host Researcher = production_group: Production Organisation = host_organization: Host Organisation = industry_academia_coordinator: Industry-Academia Coordinator = program_manager: Program Manager = research_supervisor: Research Supervisor = deputy_supervisor: Deputy Supervisor = assistant_supervisor: Assistant Supervisor = research_area_advisor: Research Area Advisor = research_area_management_advisor: Research Area Management Advisor = international_advisor: International Advisor = international_advisory_board_member: International Advisory Board Member = evaluation_committee_member: Evaluation Committee Member = research_areas_council_member: Research Areas Evaluation Committee Member = research_areas_experts: Research Areas Evaluation Committee Member = research_area_evaluation_committee_member: Research Areas Evaluation Committee Member = follow_up_evaluation_committee_member: Follow-up Evaluation Committee Member = unknown: Unknown
408					@fiscalYear				0	1	Fiscal Year
409					@researcherNumber				0	1	Unified Researcher Number
410					@eradCode				0	1	eRad Researcher Number
411					@rmapCode				0	1	ResearchMap Researcher Number
412					@jglobalCode				0	1	J-GLOBAL Researcher Number
413					@orcid				0	1	ORCID Researcher Number
414					parent				1	u	Specify the Parent
415						@id				1	1	Parent ID
416					personalName				0	u	Researcher Name
417						@sequence				1	1	Appearance Priority (>=1)
418						fullName				0	1	Full Name (Insert a en space between Family Name and Given Name)
419						familyName				0	1	Family Name
420							@yomi			0	1	Family Name (yomi)
421						givenName				0	1	Given Name
422							@yomi			0	1	Given Name (yomi)
423					attribute				0	1	Researcher Attribute
424						affiliation				0	u	Institution/Department/Job Title
425							@sequence			1	1	Appearance Priority (>=1)
426							institution			0	1	Affiliation
427								@institutionType		0	1	Research Institution Type = academic: Academic Institution = industry: Private Company
428								@institutionCode		0	1	Research Institution Code (NII Code)
429								@mextCode		0	1	MEXT Code
430								@jspsCode		0	1	JSPS Code
431								@eradCode		0	1	eRad Code
432							department			0	1	Department
433								@mextCode		0	1	MEXT Code
434								@jspsCode		0	1	JSPS Code
435								@eradCode		0	1	eRad Code

No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
436						jobTitle			0	1	Job Title
437								@mextCode	0	1	MEXT Code
438								@jspsCode	0	1	JSPS Code
439								@eradCode	0	1	eRad Code
440					memberStatus				0	u	Researcher's Status Information
441						@statusCode			1	1	Status Code declined: Declined
442						@date			0	1	Date (YYYY-MM-DD)
443						@from			0	1	Start Date (YYYY-MM-DD)
444						@to			0	1	End Date (YYYY-MM-DD)
445						note			0	1	Notes
446			awardNumberList						0	u	List of Project Number
447				@id					0	1	Element ID of Project Number
448				@parentId					1	1	Parent ID
449				awardNumber					1	1	Value of Project Number
450			keywordList						0	u	Keywords List
451				@xml:lang					0	1	Language = ja: Japanese （default） = en: English
452				@parentId					1	1	Parent ID
453				keyword					1	u	Keywords
454					@sequence				1	1	Appearance Priority (>=1)
455			paragraphList						0	u	Paragraph List
456				@type					1	1	Paragraph Type = abstract: Research Outline = progress: Progress to date = planning_scheme: Future Research Plan = planning_budget_expenditure: Research Budget Plan (Next FY) = purpose: Research Purpose = implementation_schedule: Research Plan (Current FY) = remark: Remark = common_remark: Common Remark = assessment: Assessment = assessment_result: Assessment Results = inspection: Verification Results = conclusion: Conclusion = note: Notes = outline_of_research_performance: Outline of Research Performance = outline_of_research_achievement: Outline of Research Output = reason_of_carry_over: Reasons for Carry-over Expenditure = plan_of_carry_over: Carry-over Expenditure Plan (Next FY) = free_research_field: Free Description = custom: Specify depending on Caption = significance_of_research_achievement: Academic Significance and Societal Importance of the Research Achievements = outline_of_research_initial: Outline of Research at the Start
457				@xml:lang					0	1	Language = ja: Japanese = en: English
458				@parentId					1	1	Specify the Parent
459				@sequence					1	1	Appearance Priority (>=1)
460				caption					0	2	Caption
461					@xml:lang				0	1	Language = ja: Japanese = en: English
462				paragraph					1	u	Paragraph
463					@sequence				1	1	Appearance Priority (>=1)
464			classificationList						0	1	Classification List
465				classification					1	u	Classification
466					@id				1	1	Unique ID for each data
467					@parentId				1	1	Specify the Parent
468					@type				1	1	Classification Type = progress: Progress to date = remark_chukan: Comments (Interim Assessment) = remark_jigo: Comments (Ex-post Assessment) = assessment: Assessment Results = inspection: Verification Results
469									1	1	Contents for each Classification Type
470			awardAmountList						0	u	Award Amount List
471				@sequence					1	1	Display Order. Re-arranged the user-defined order by ascending order. Positive integer of 1 and over.
472				@parentId					1	1	Parent ID of this element
473				@userDefinedId					0	1	User-defined ID ID attribute in common import XML
474				caption					0	u	Title of this Award Amount List
475					@xml:lang				0	1	Language in which 'Title of Award Amount List' is written. If the language is unknown, omit this attribute.
476				awardAmount					1	u	Data with 'awardAmountList/awardAmount/@overall=false' in common import XML for Award Amount(Planned)
477					@sequence				1	1	Appearance Priority (>=1) Unique value within awardAmountList/awardAmount

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No.	The 1st Level	The 2nd Level	The 3rd Level	The 4th Level	The 5th Level	The 6th Level	The 7th Level	The 8th Level	最小	最大	Contents
478					@fiscalYear				0	1	Fiscal Year(YYYY)
479					@planned				0	1	Award Amount Flag = false : Allocated Amount = true : Planned Amount
480					directCost				0	1	Direct Cost (yen)
481					indirectCost				0	1	Indirect Cost (yen)
482					totalCost				1	1	Total Amount(yen)
483					convertedJpyTotalCost				0	1	Converted Total Cost in Japanese yen
484					unit				0	1	A currency unit.
485						originalValue			1	1	For display purpose
486						normalizedValue			0	1	Normalised Value
487			fileList						0	u	Attached File List
488				@parentId					1	1	Parent ID
489				file					1	u	Attached File
490					@sequence				1	1	Appearance Priority (>=1)
491					@xml:lang				0	1	Language = ja: Japanese = en: English
492					name				1	1	File Name
493					path				1	1	File's URL
494		totalResults							0	1	Total Number of Search Results by specified search criteria when xml is acquired via API
495		startIndex							0	1	Specified Starting Number of acquired search results when xml is acquired via API
496		itemsPerPage							0	1	Specified Number of Acquired Items of search results when xml is acquired via API