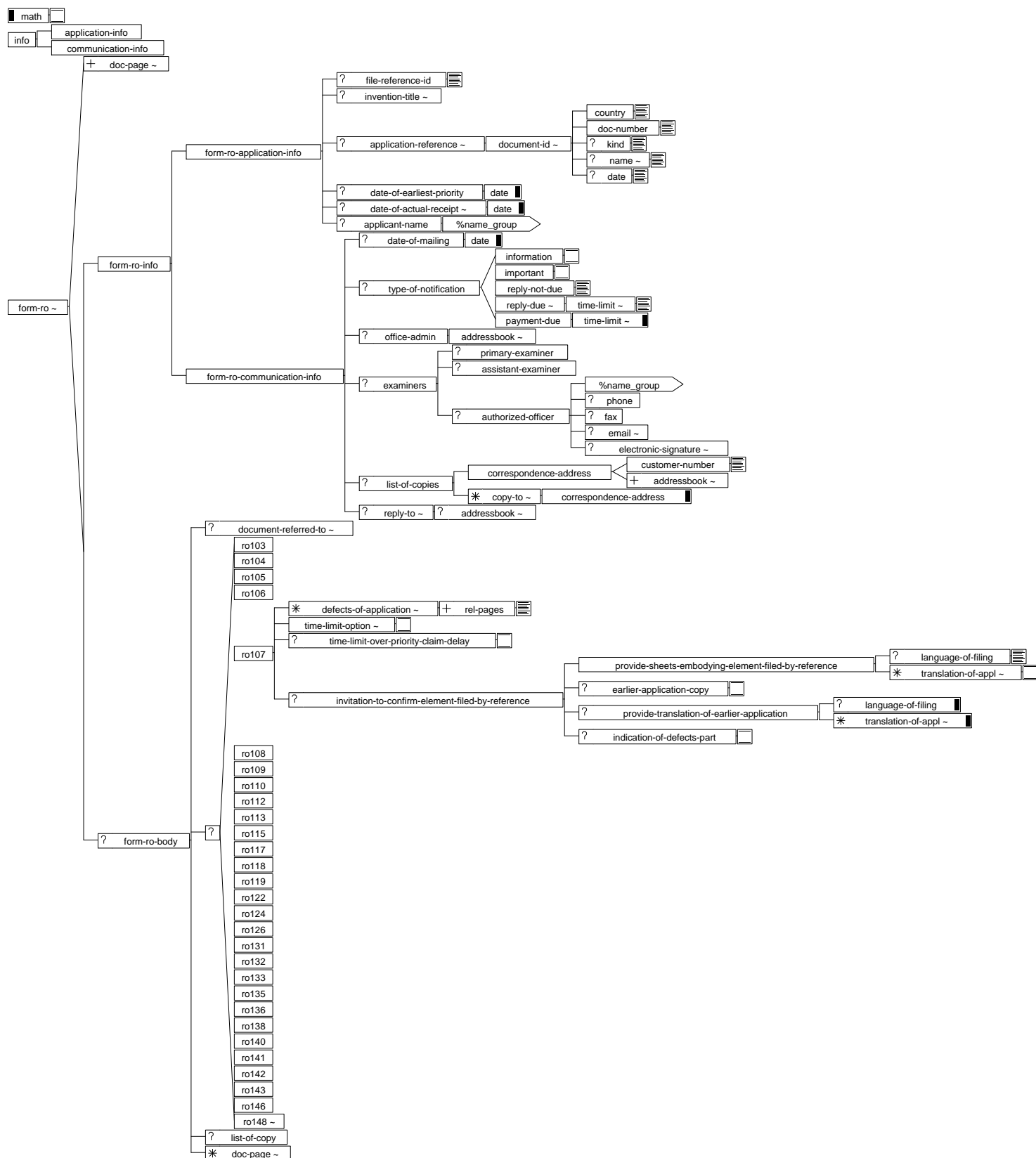
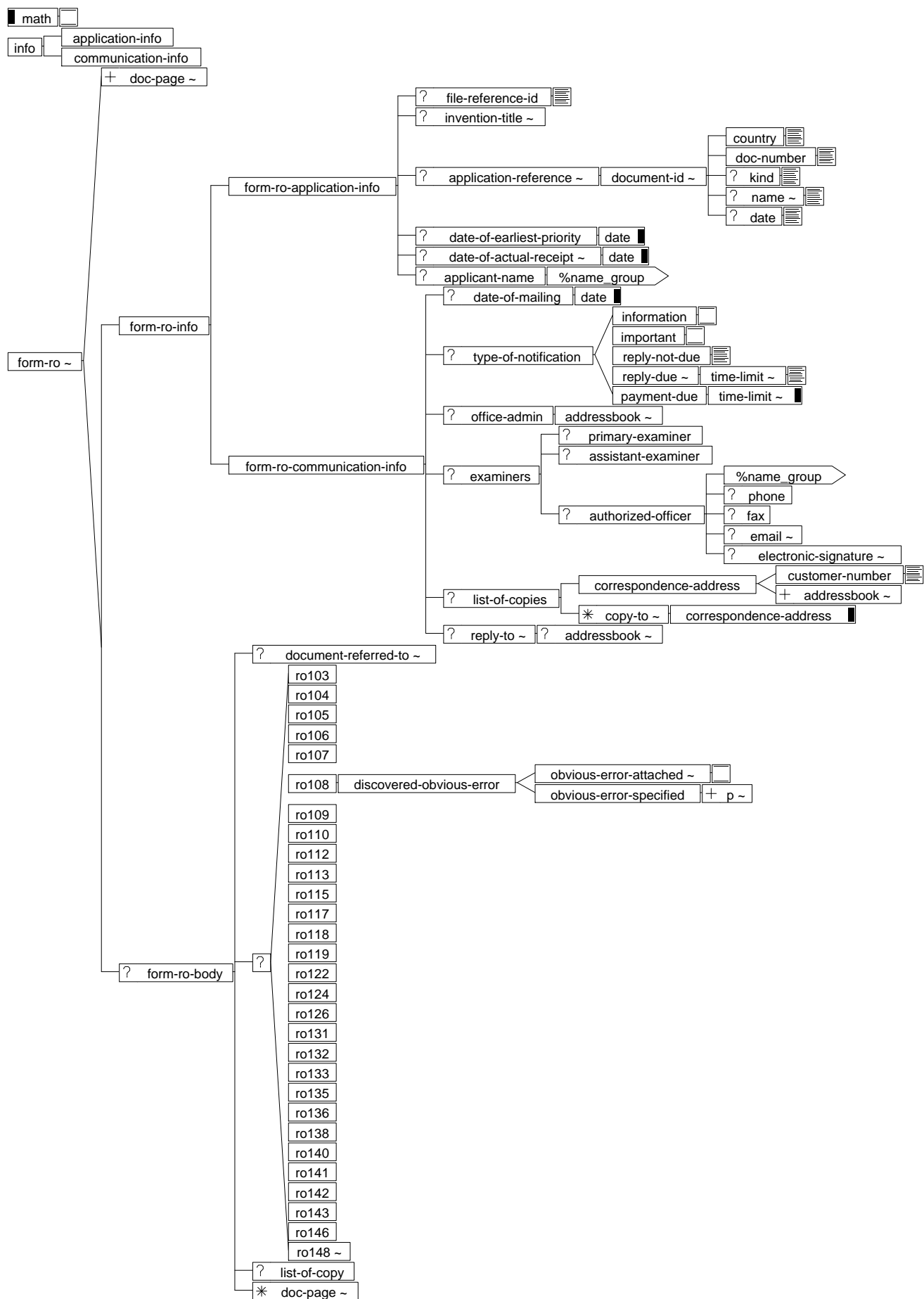
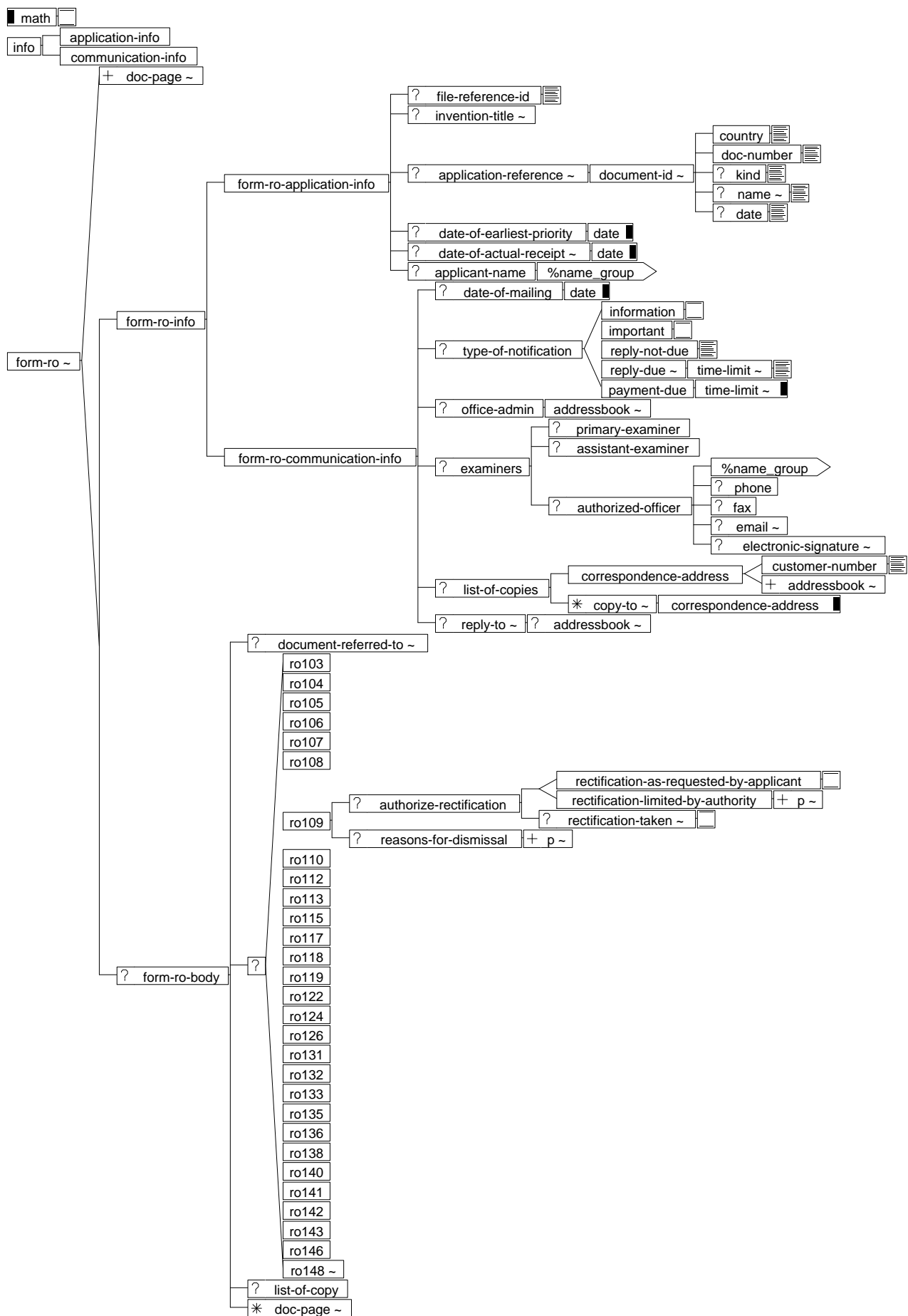


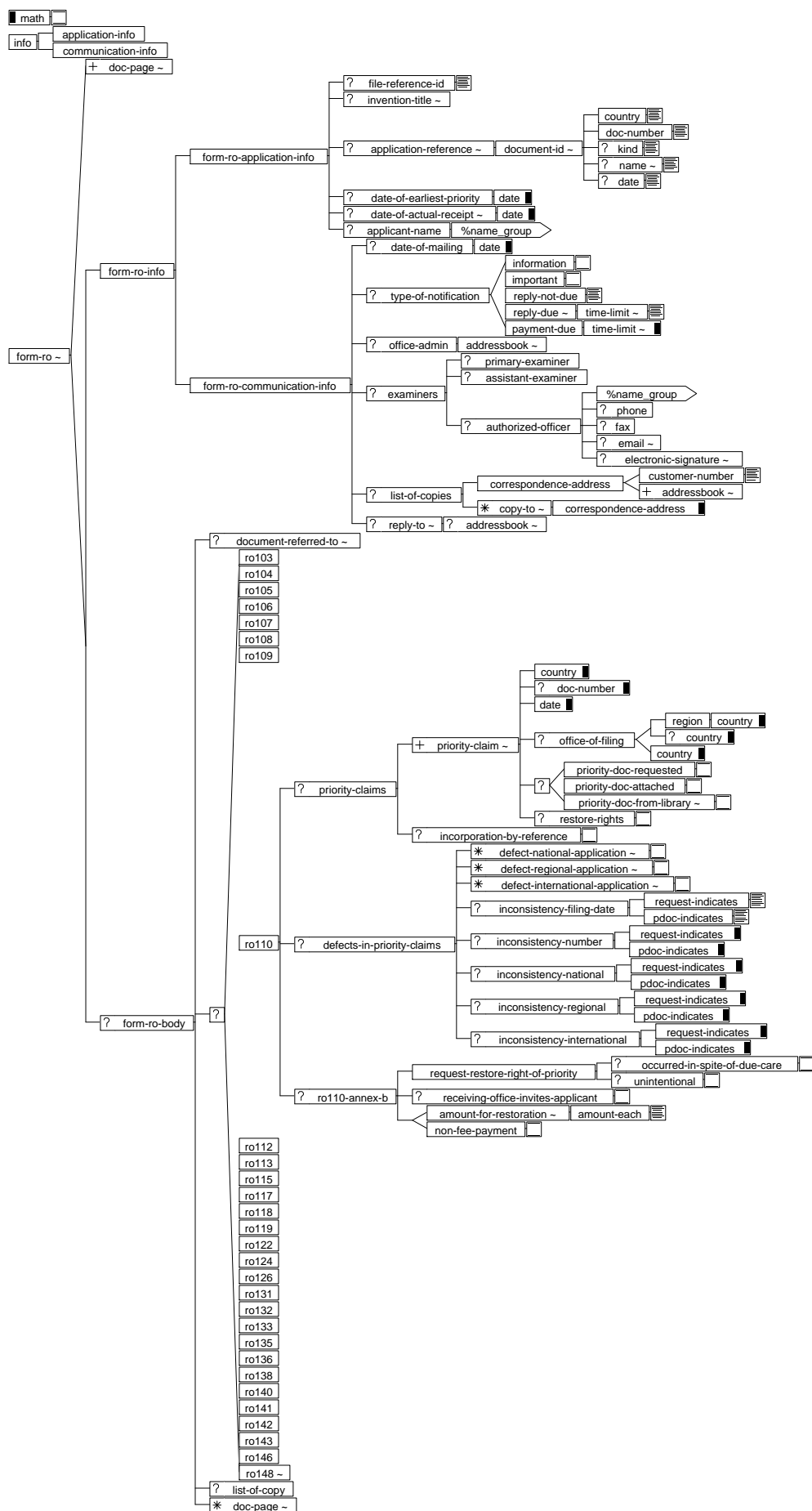
# Model Root: form-ro RO/107



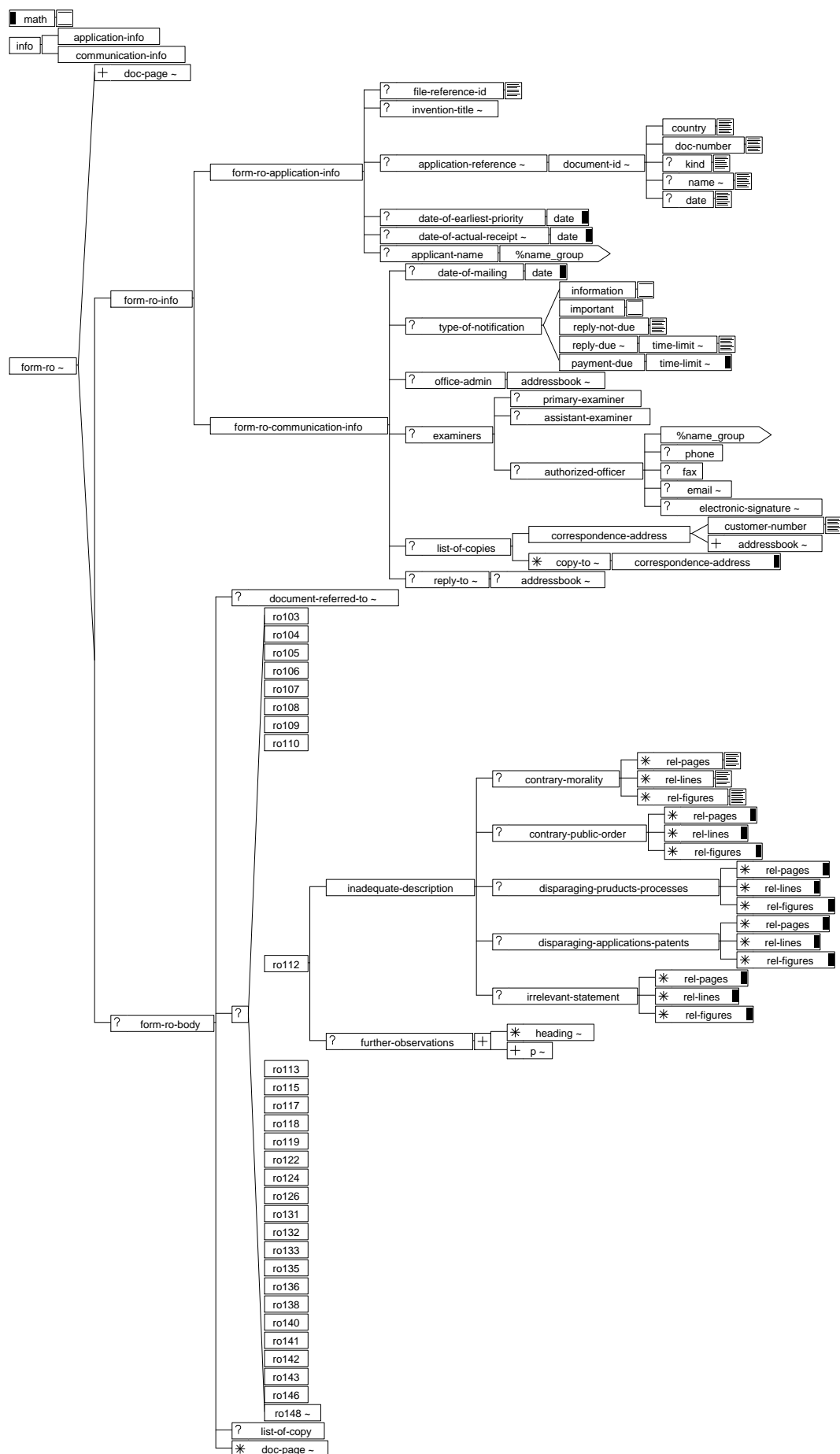


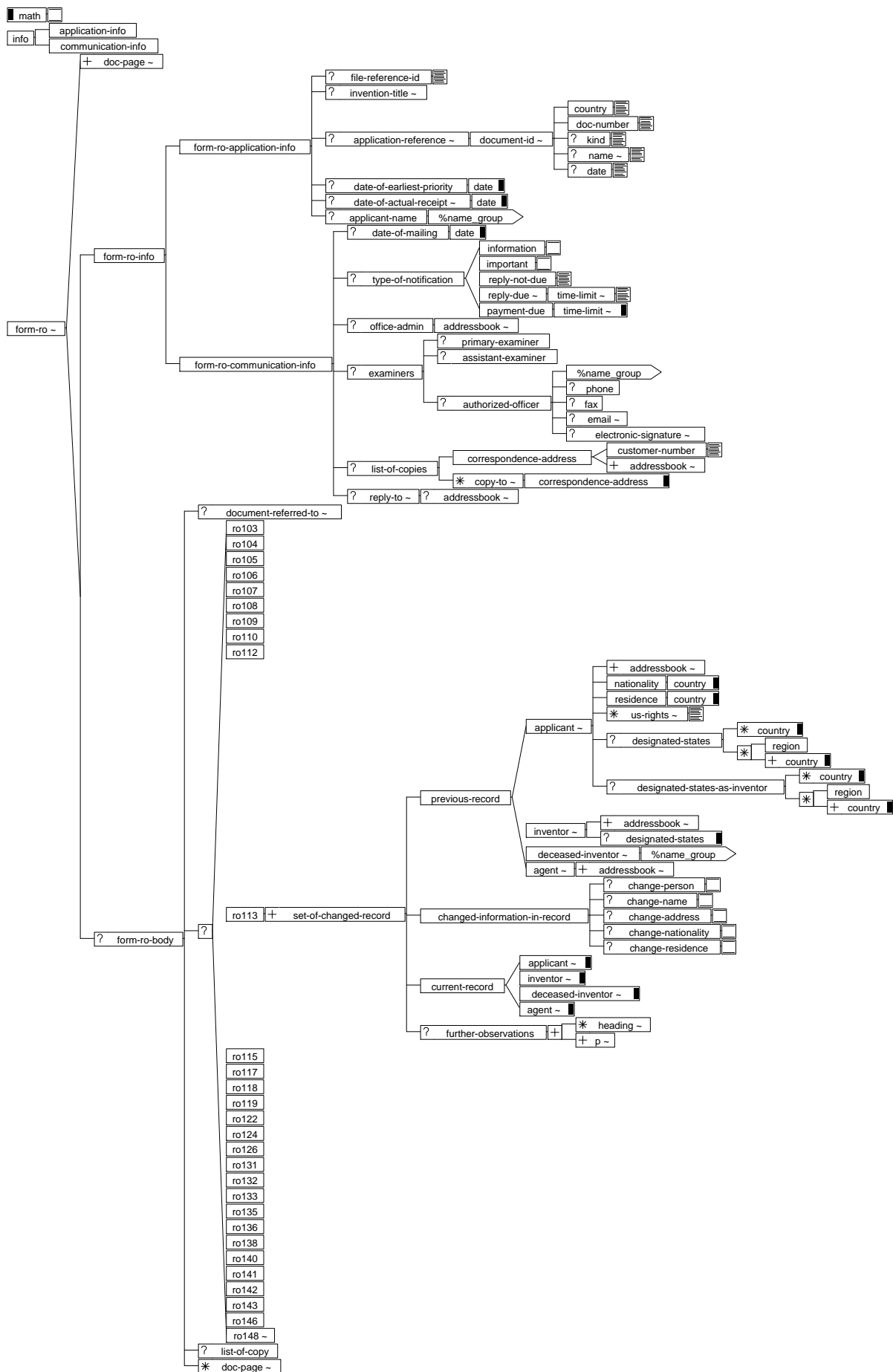


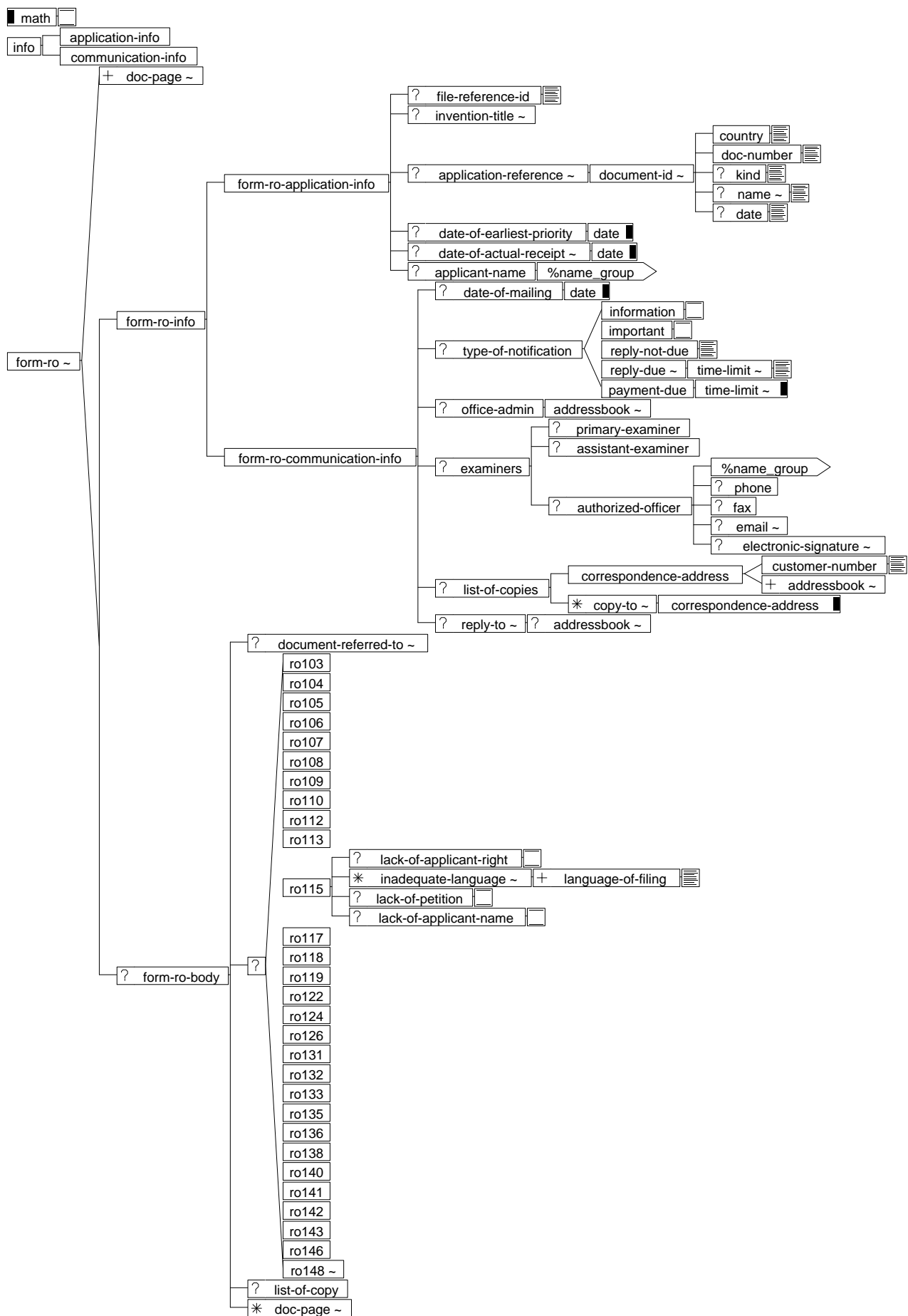
# Model Root: form-ro RO/110

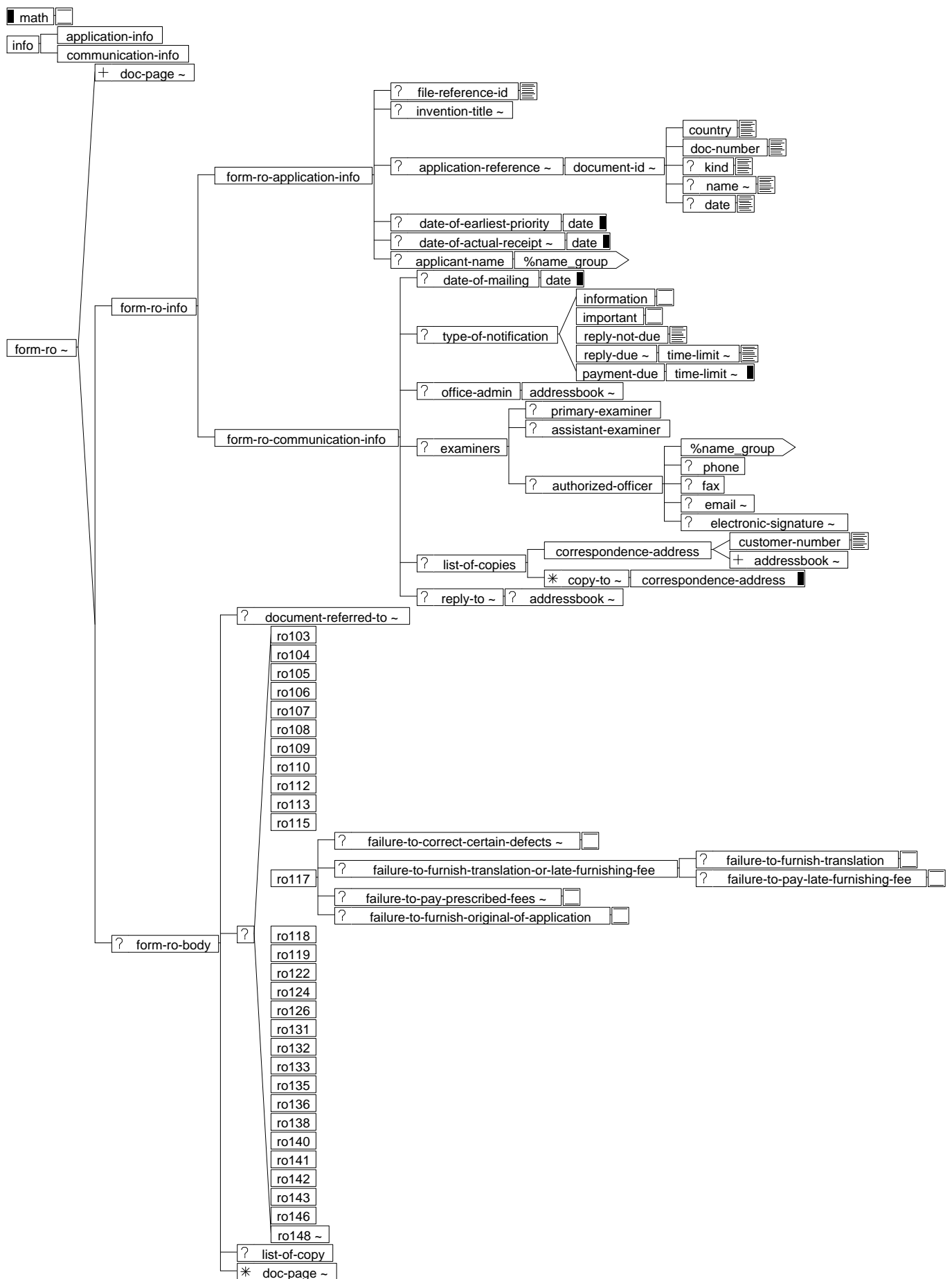




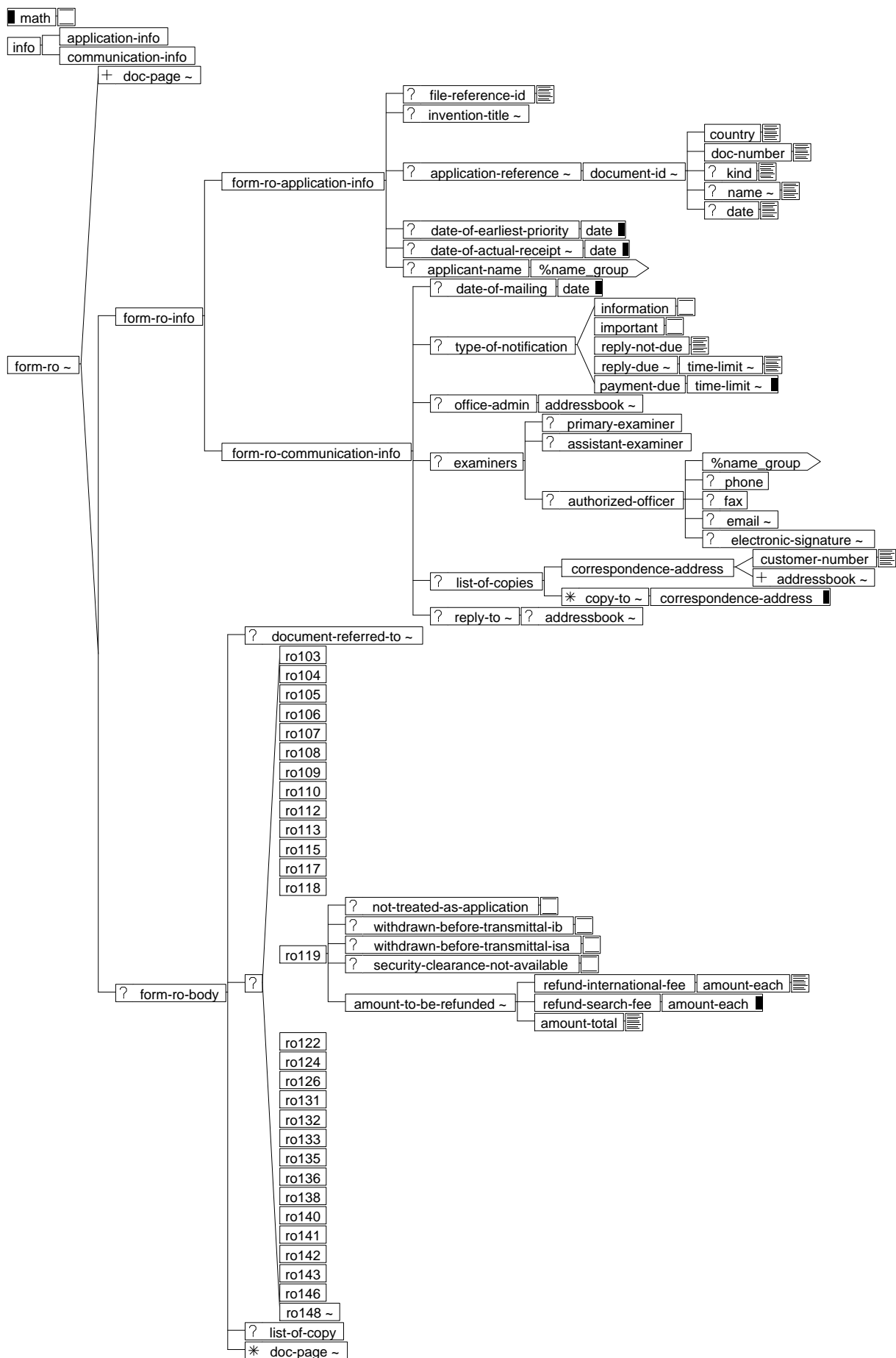


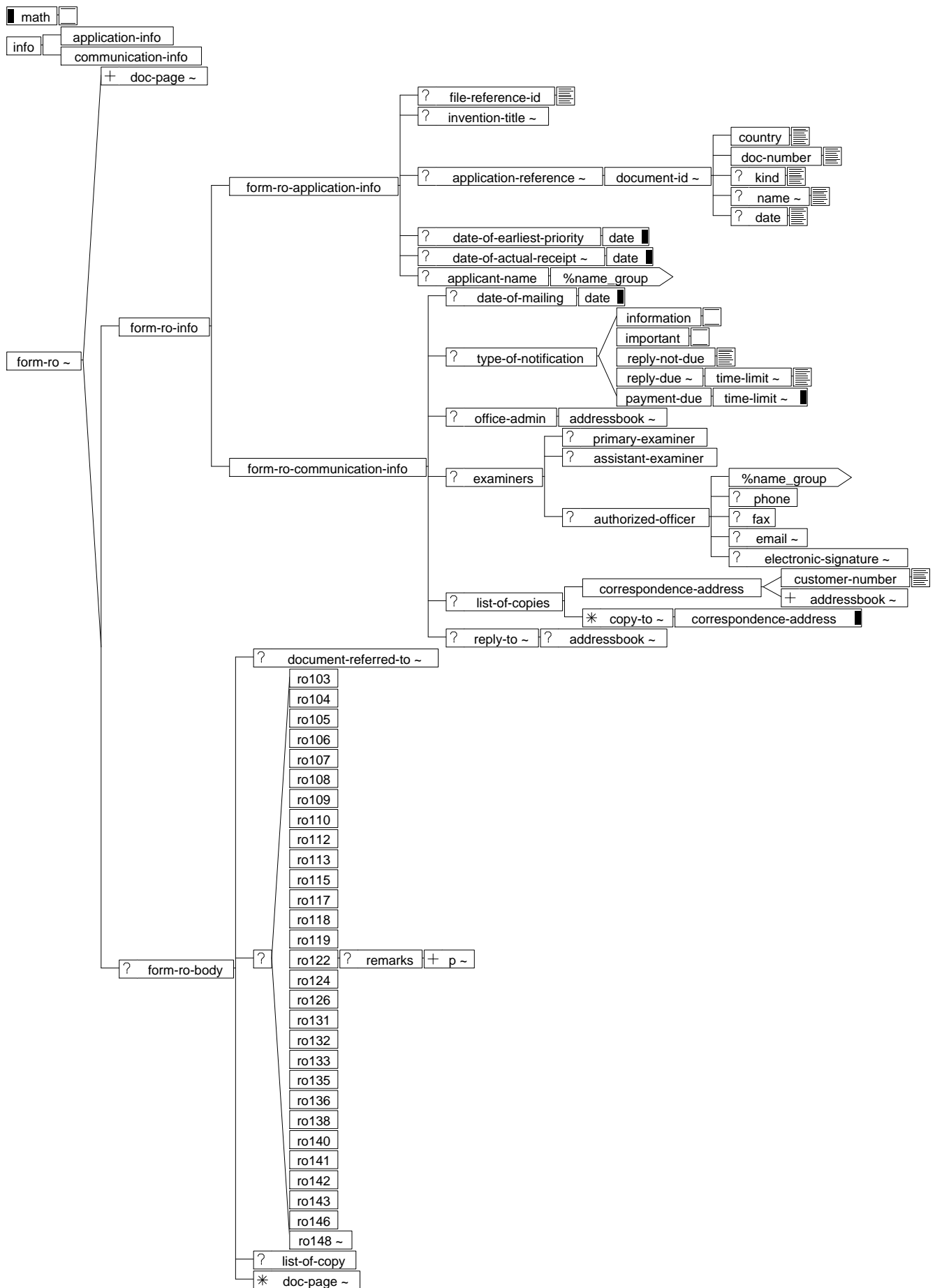


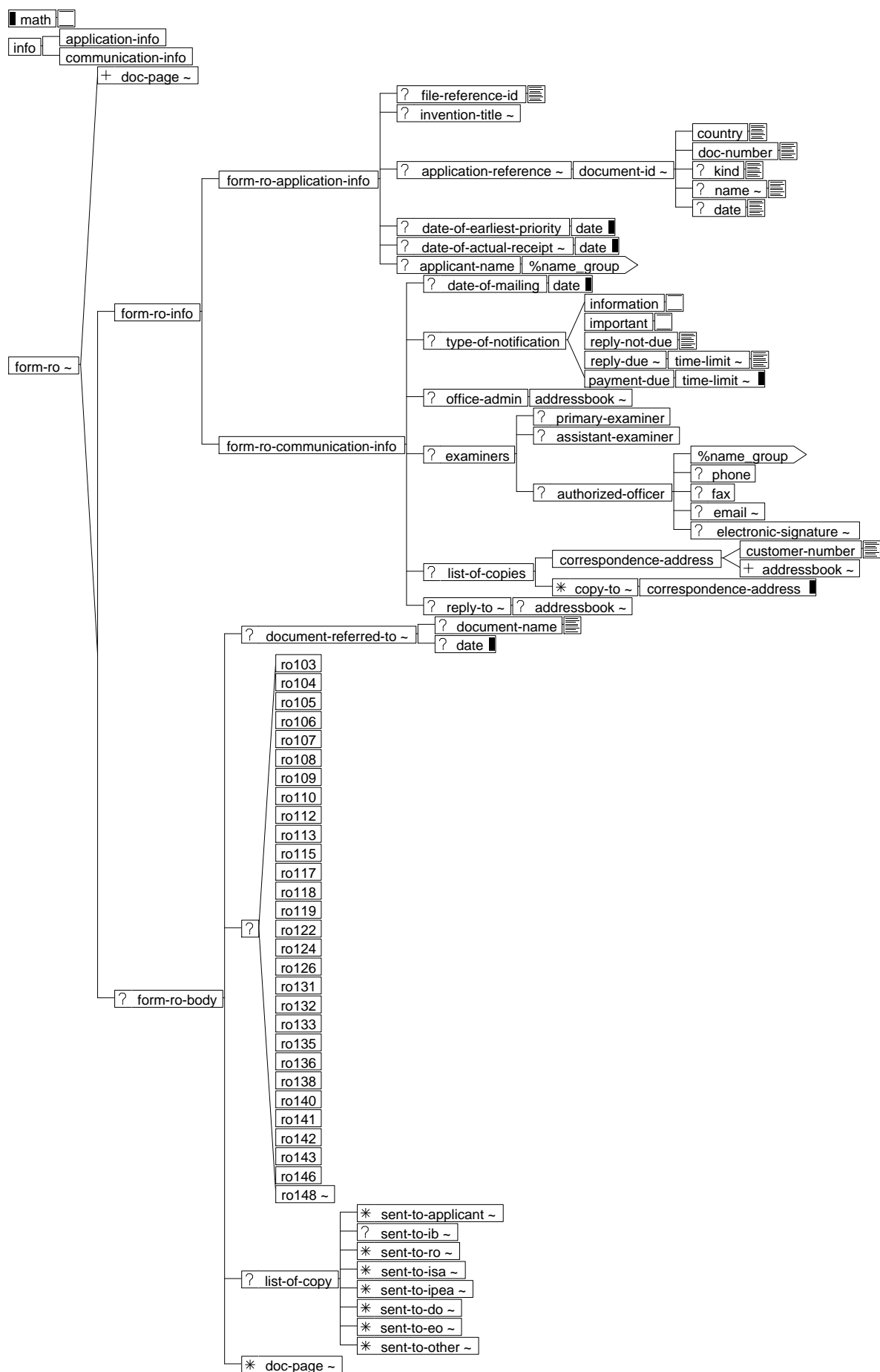




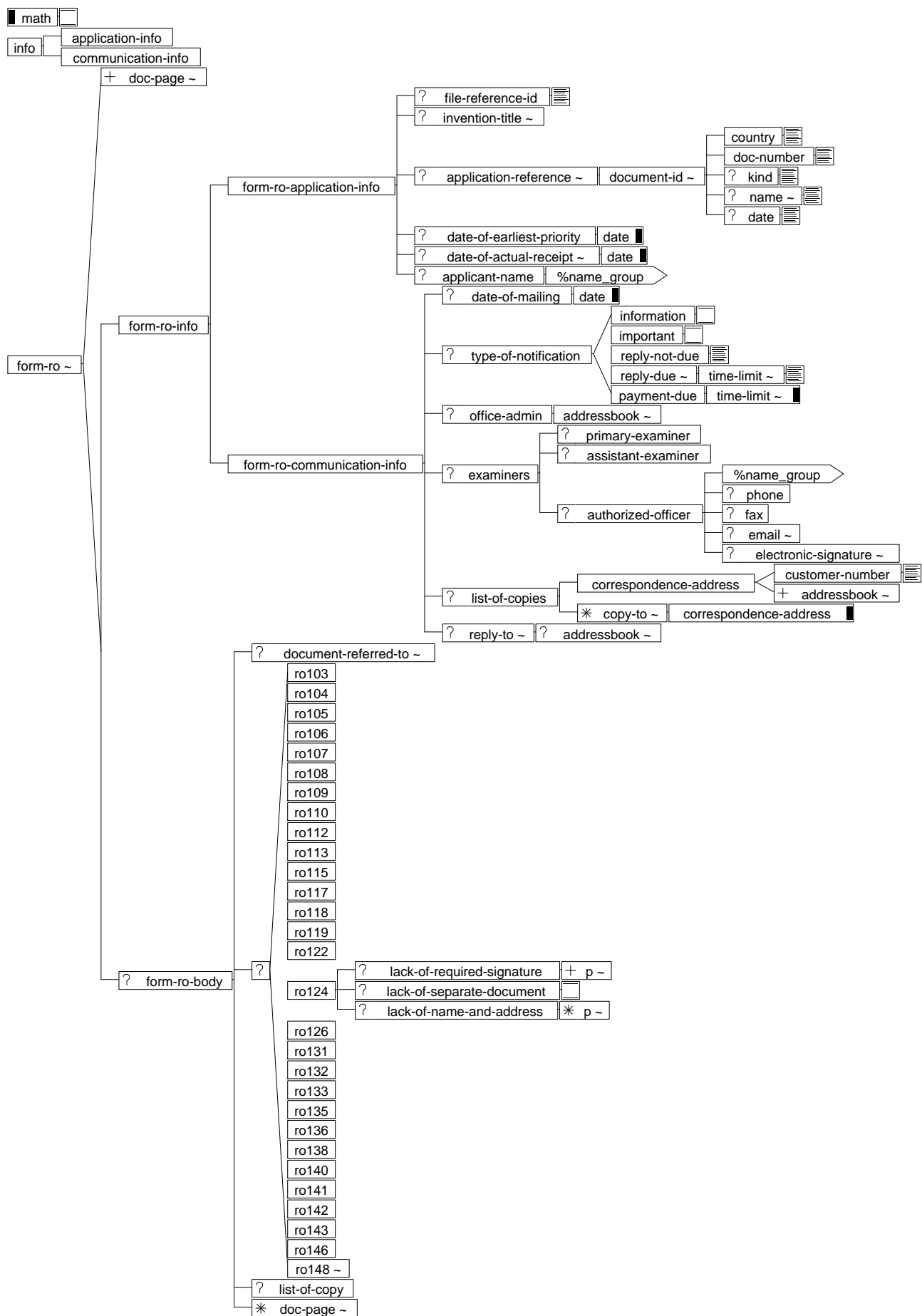


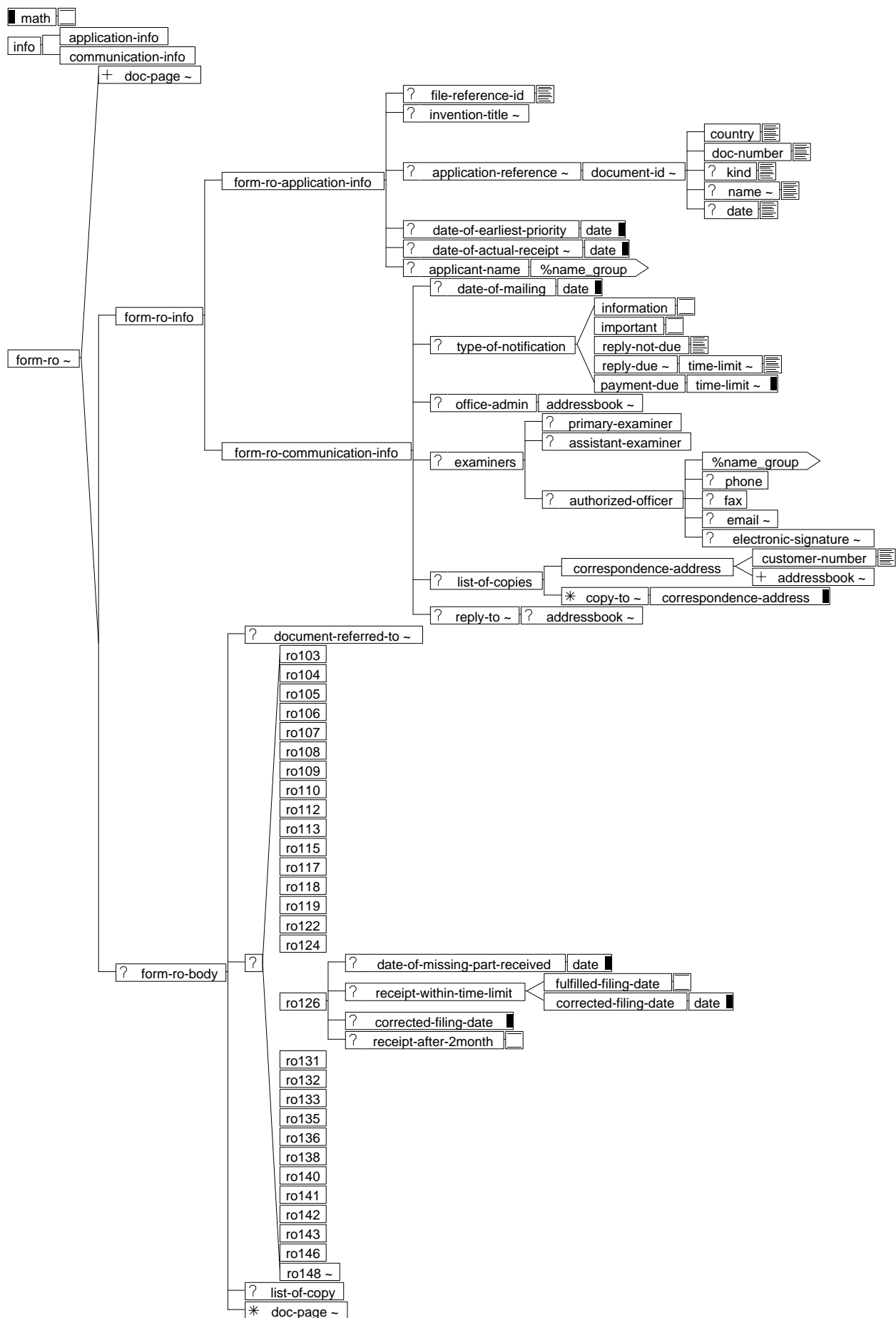


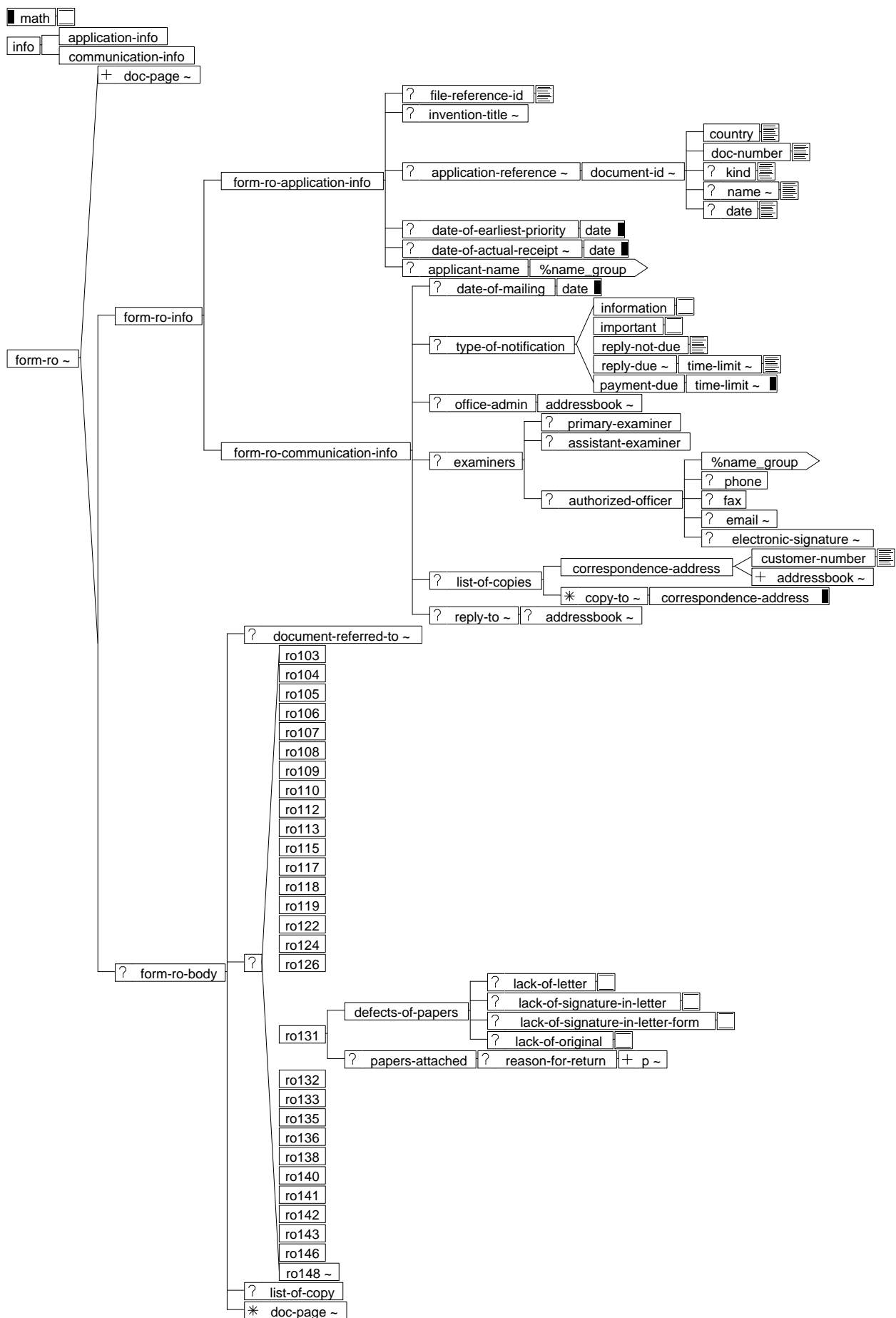


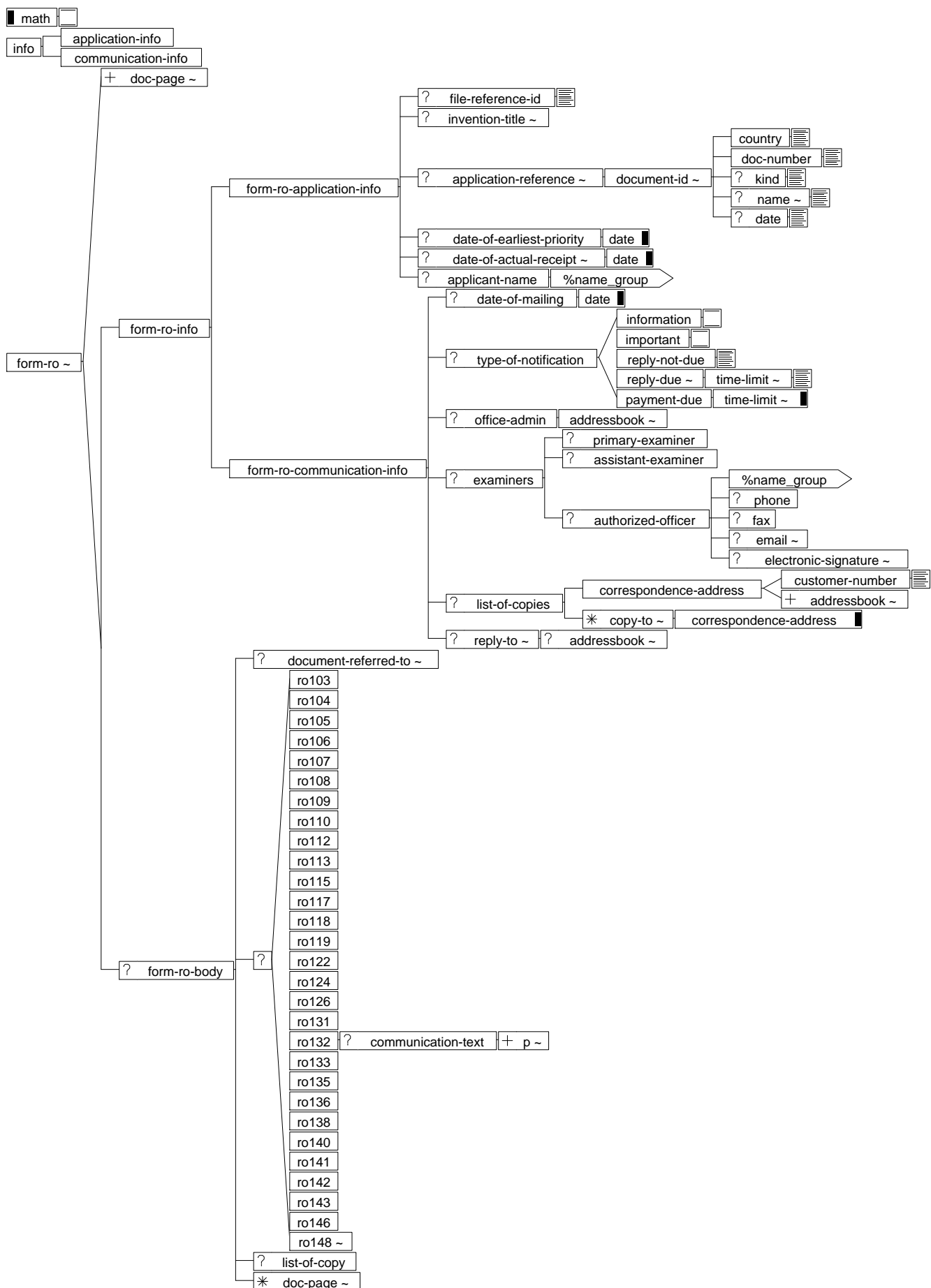


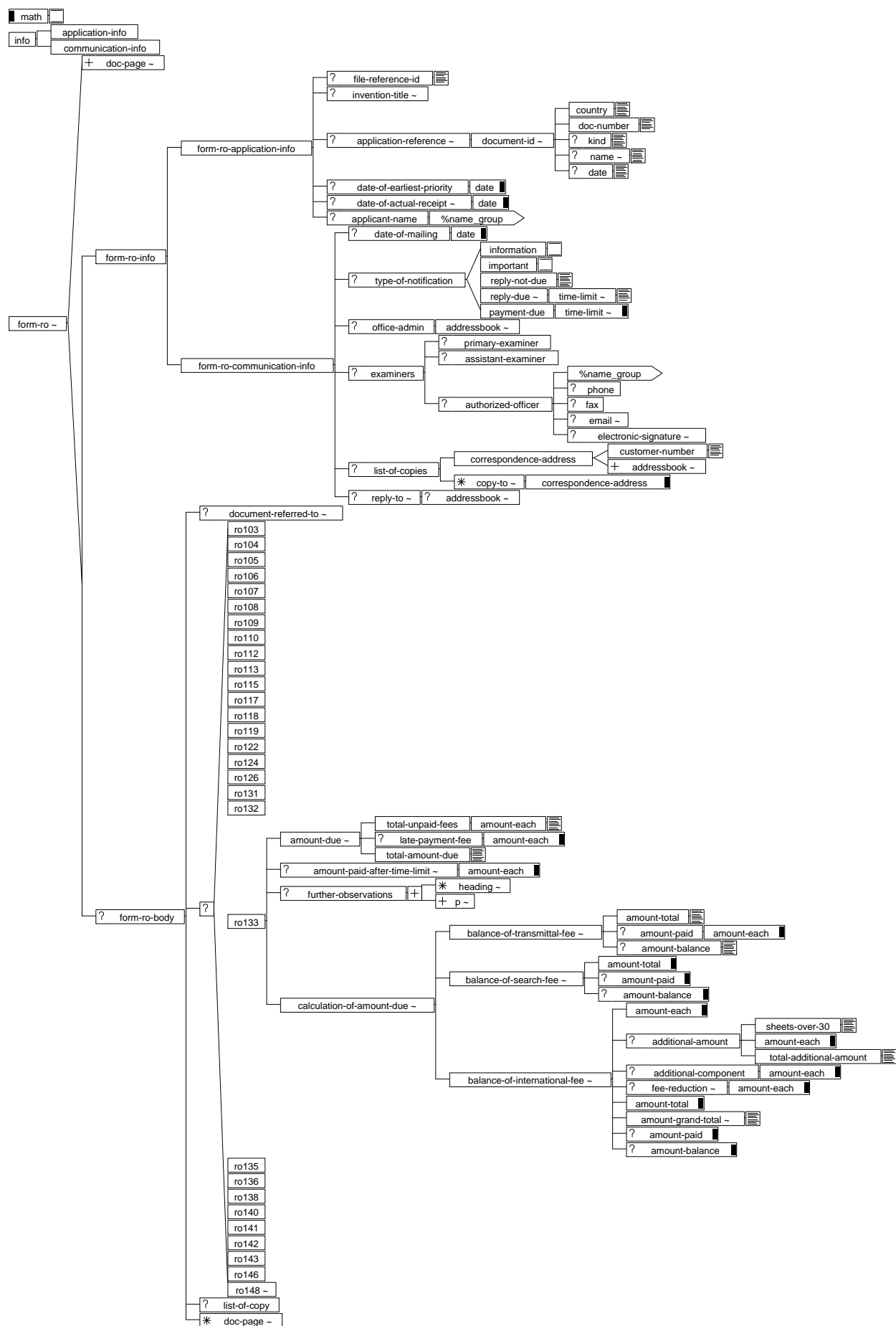


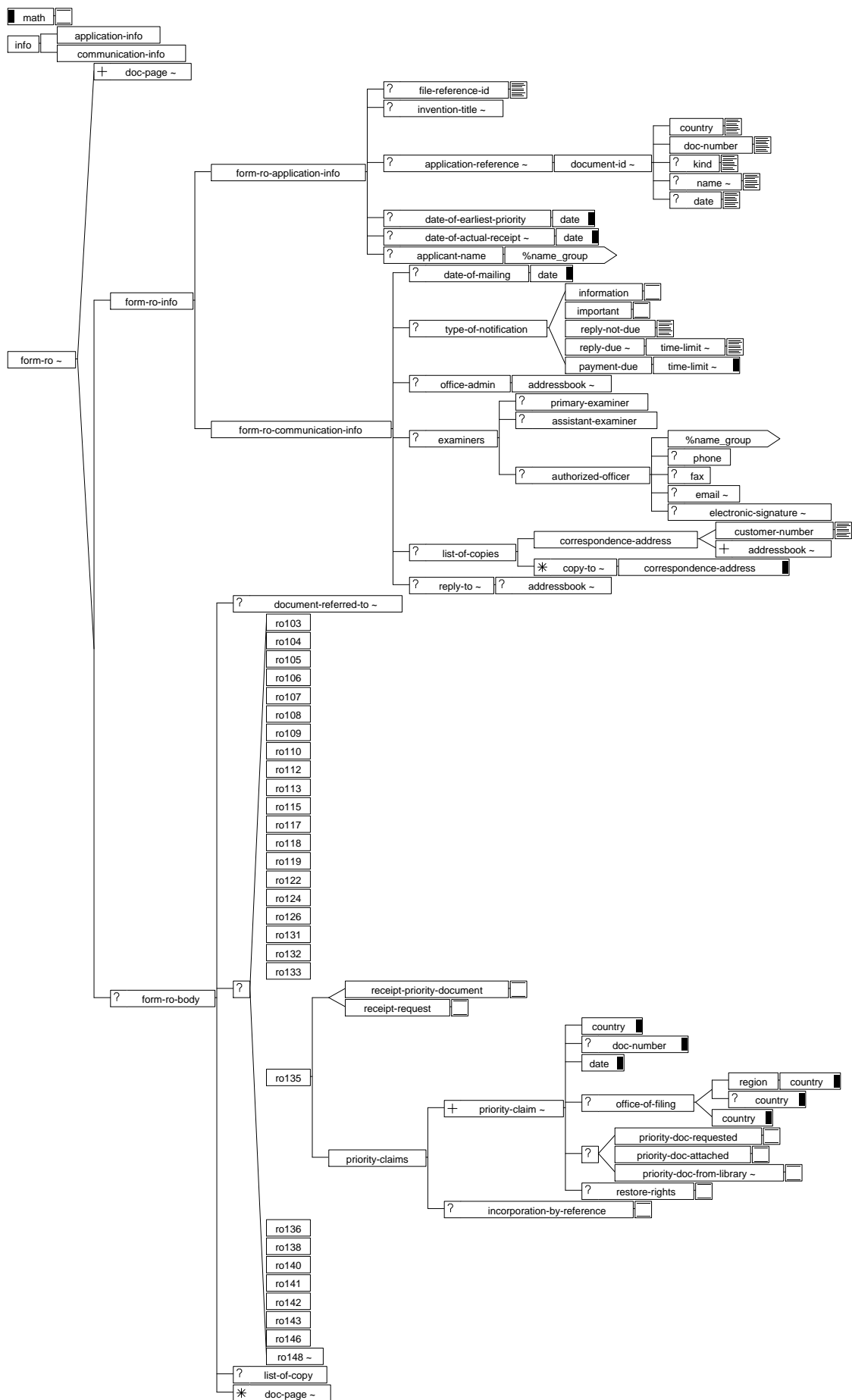


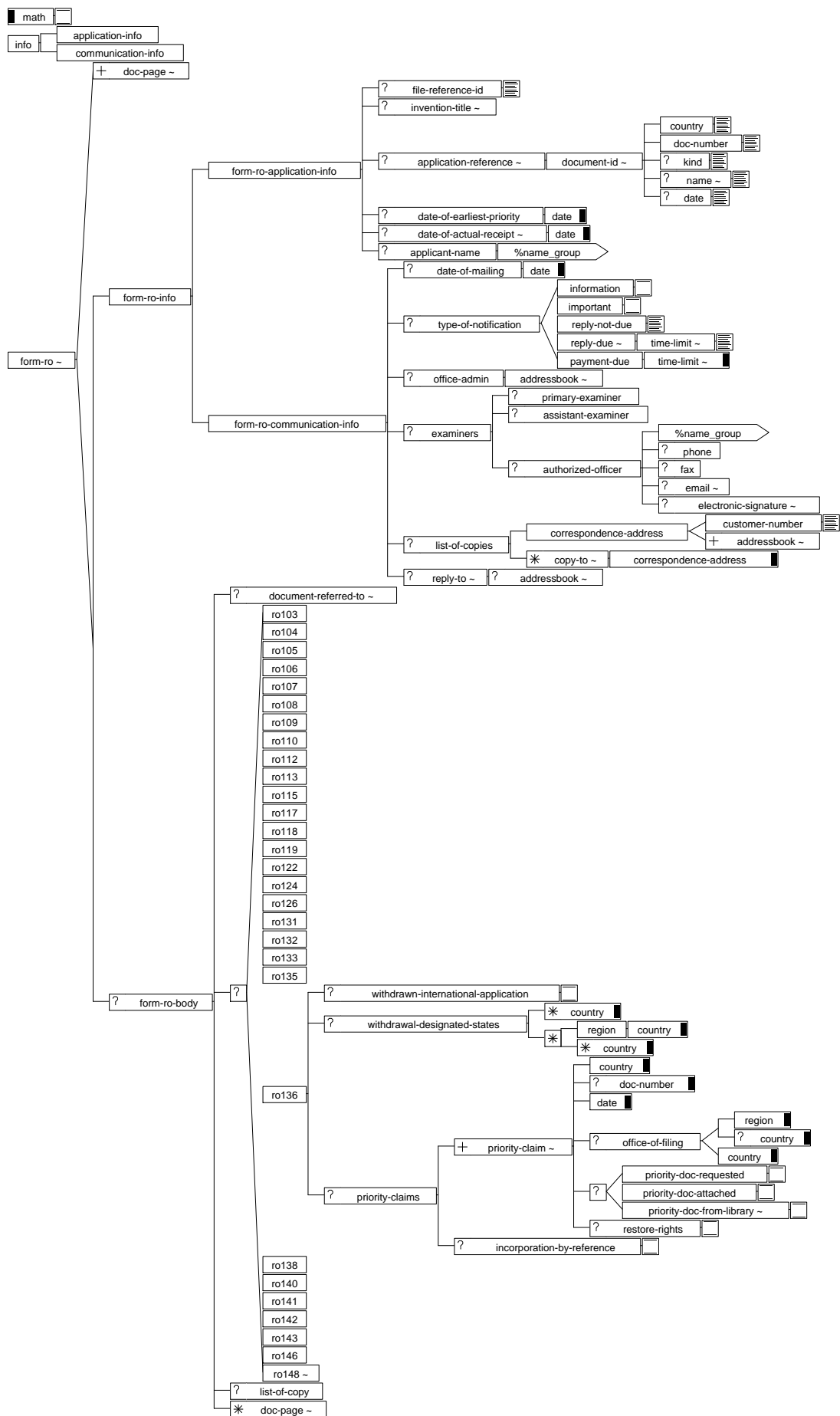


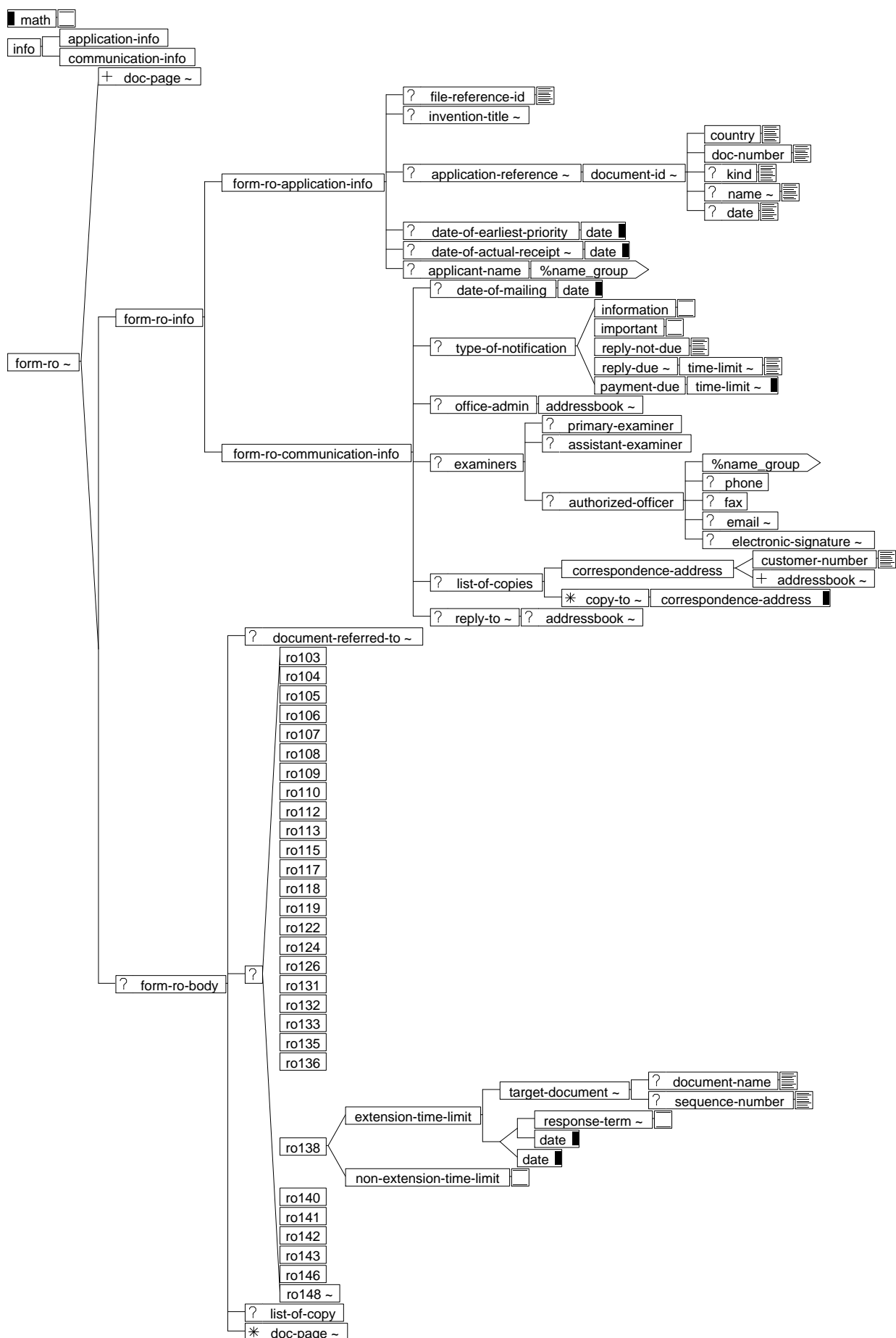




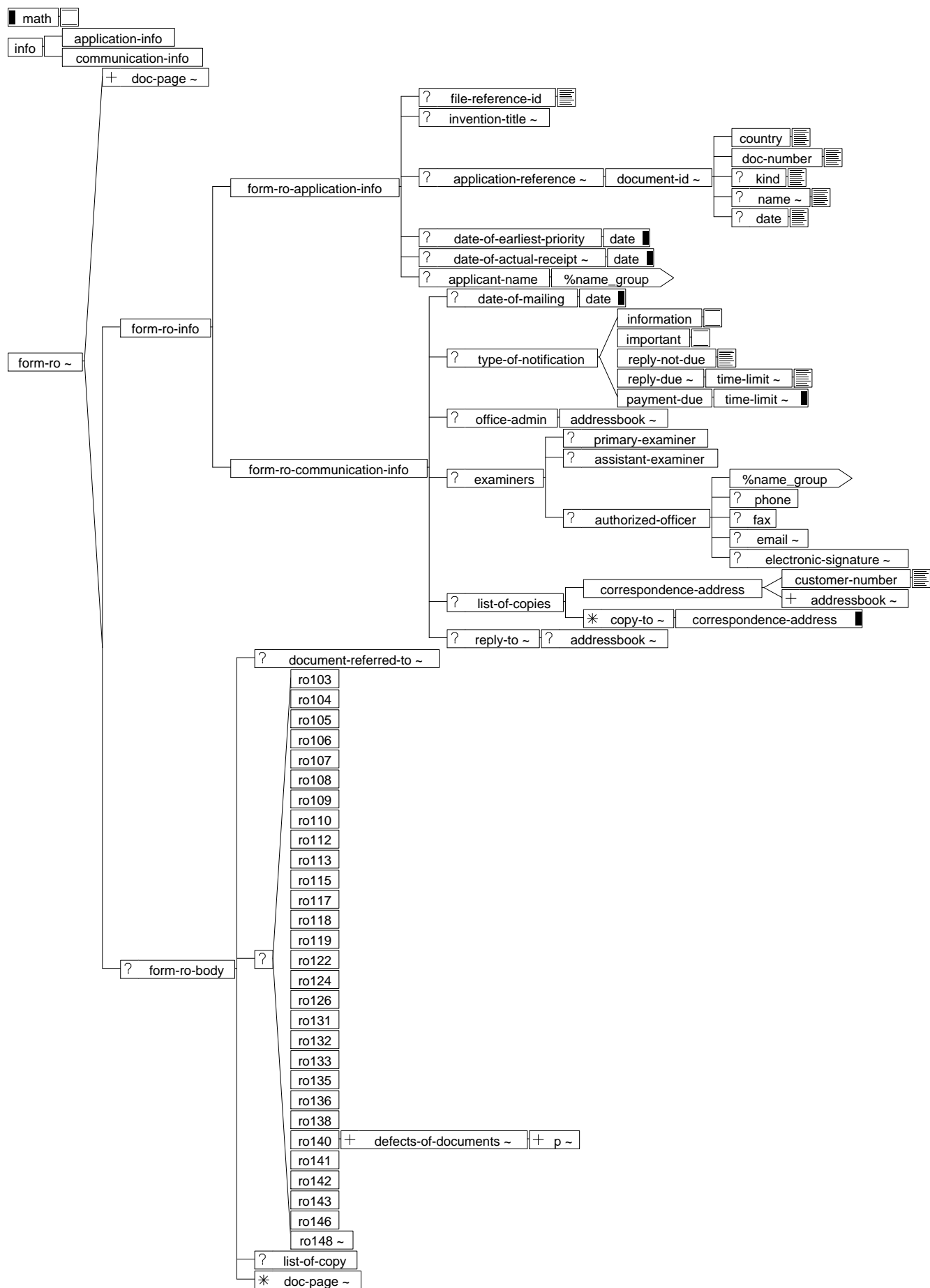


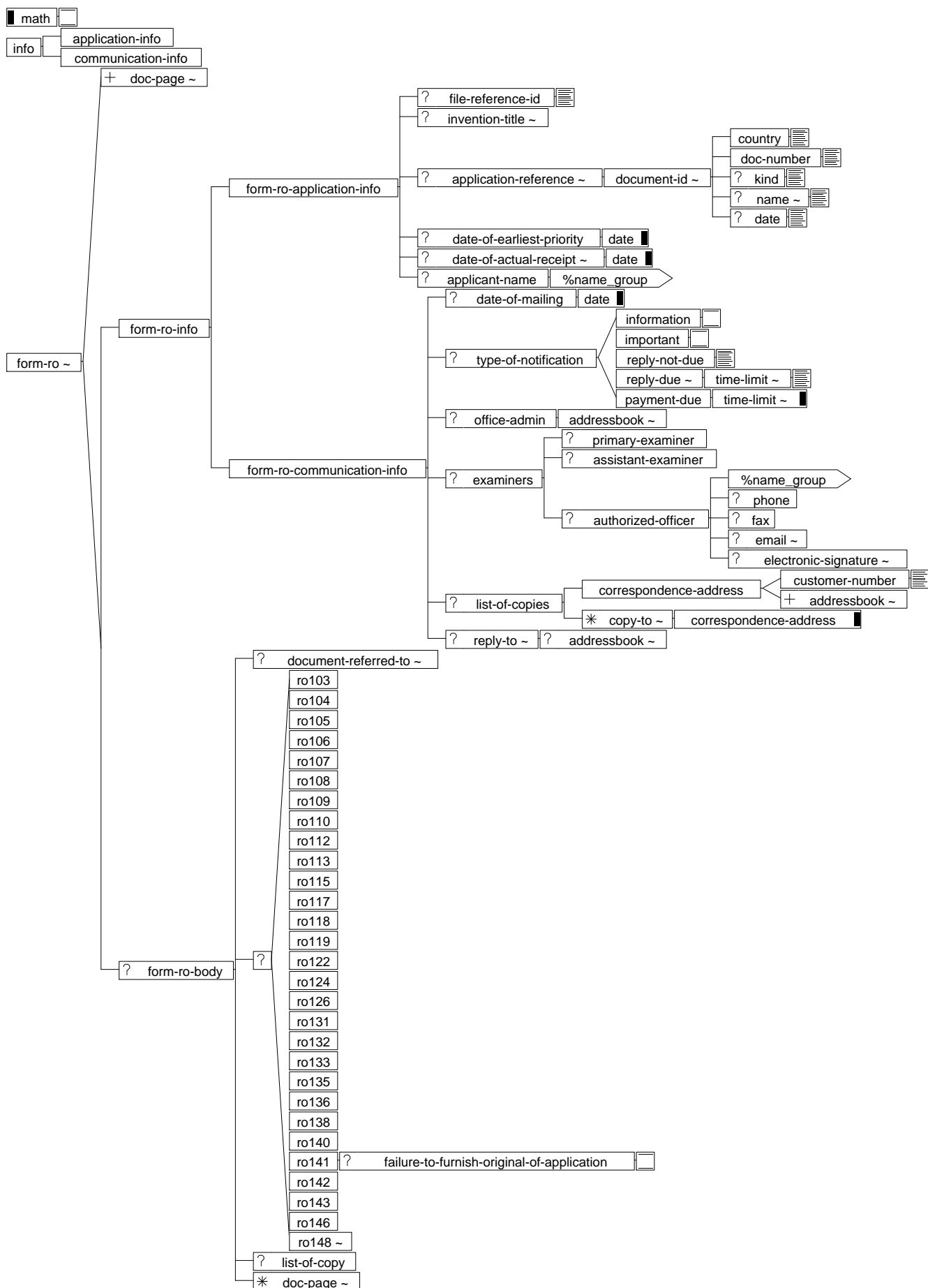


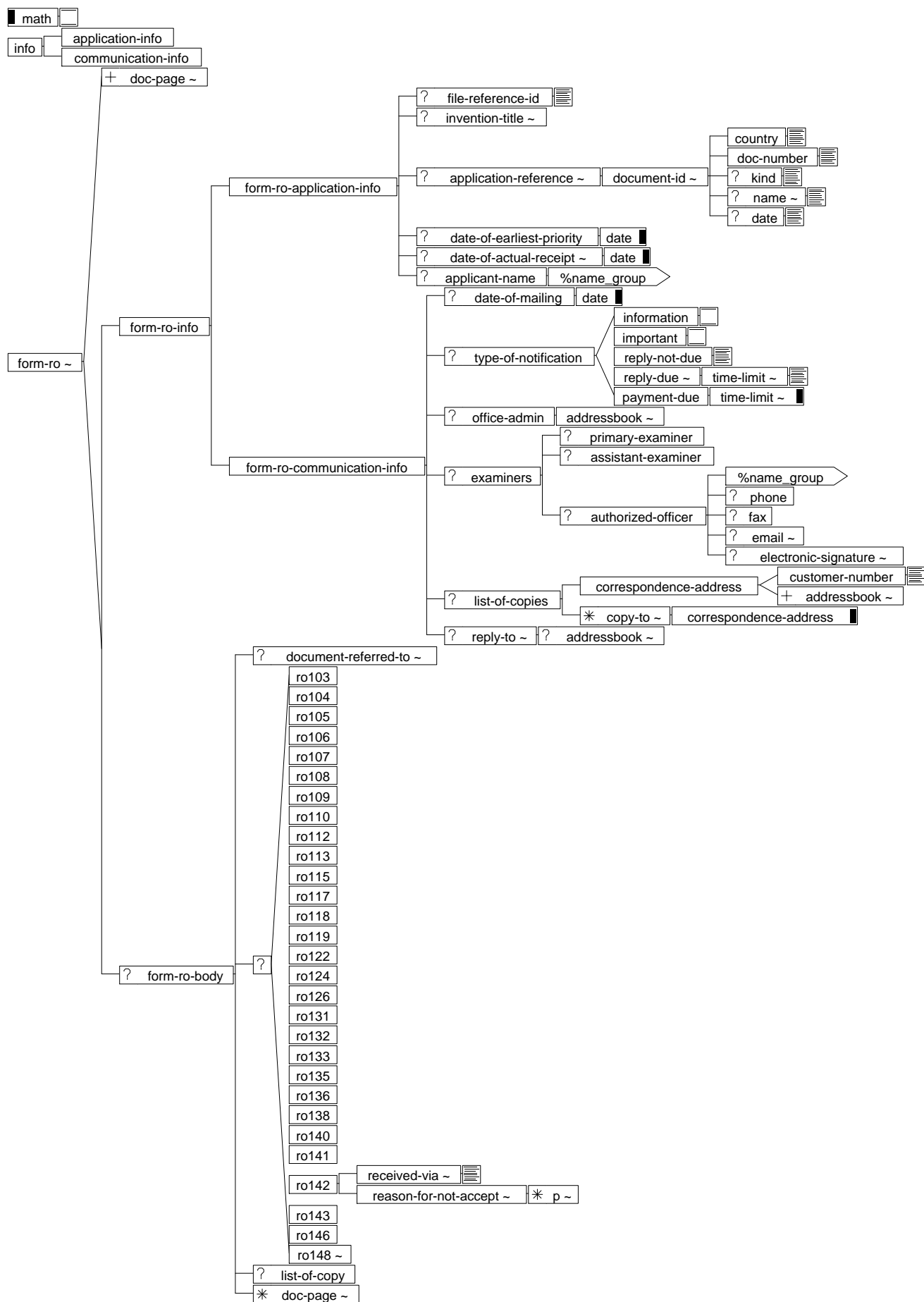


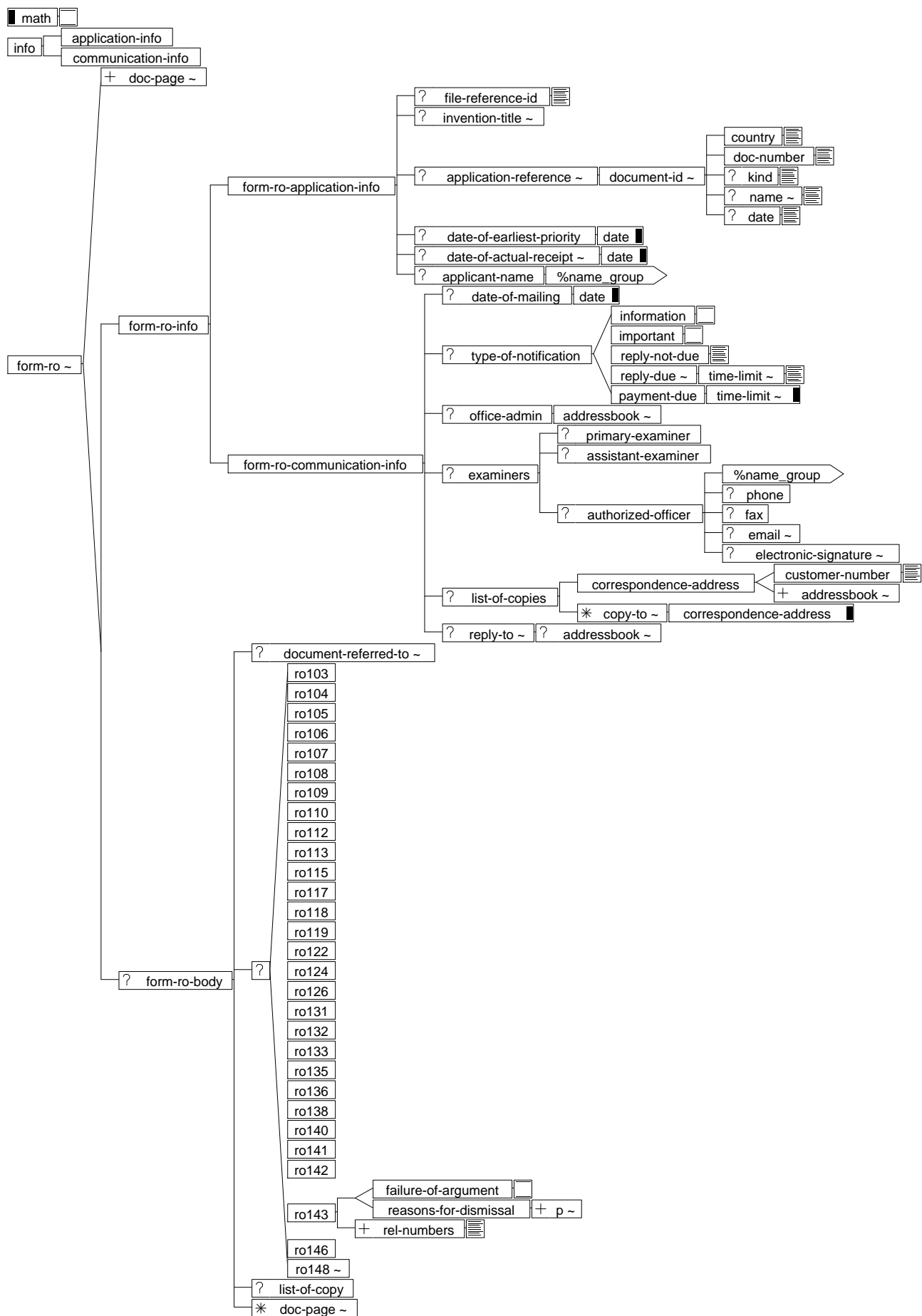


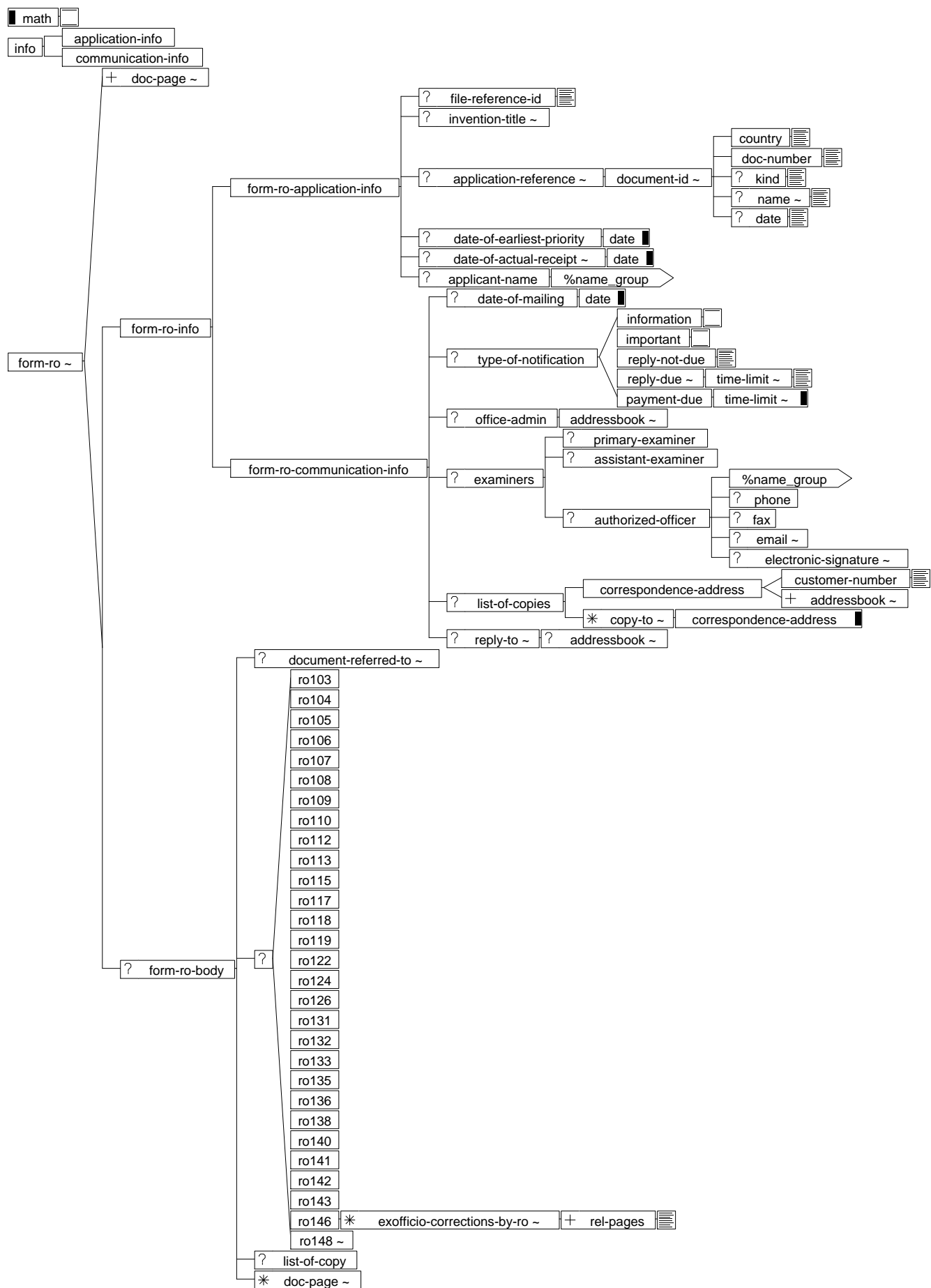


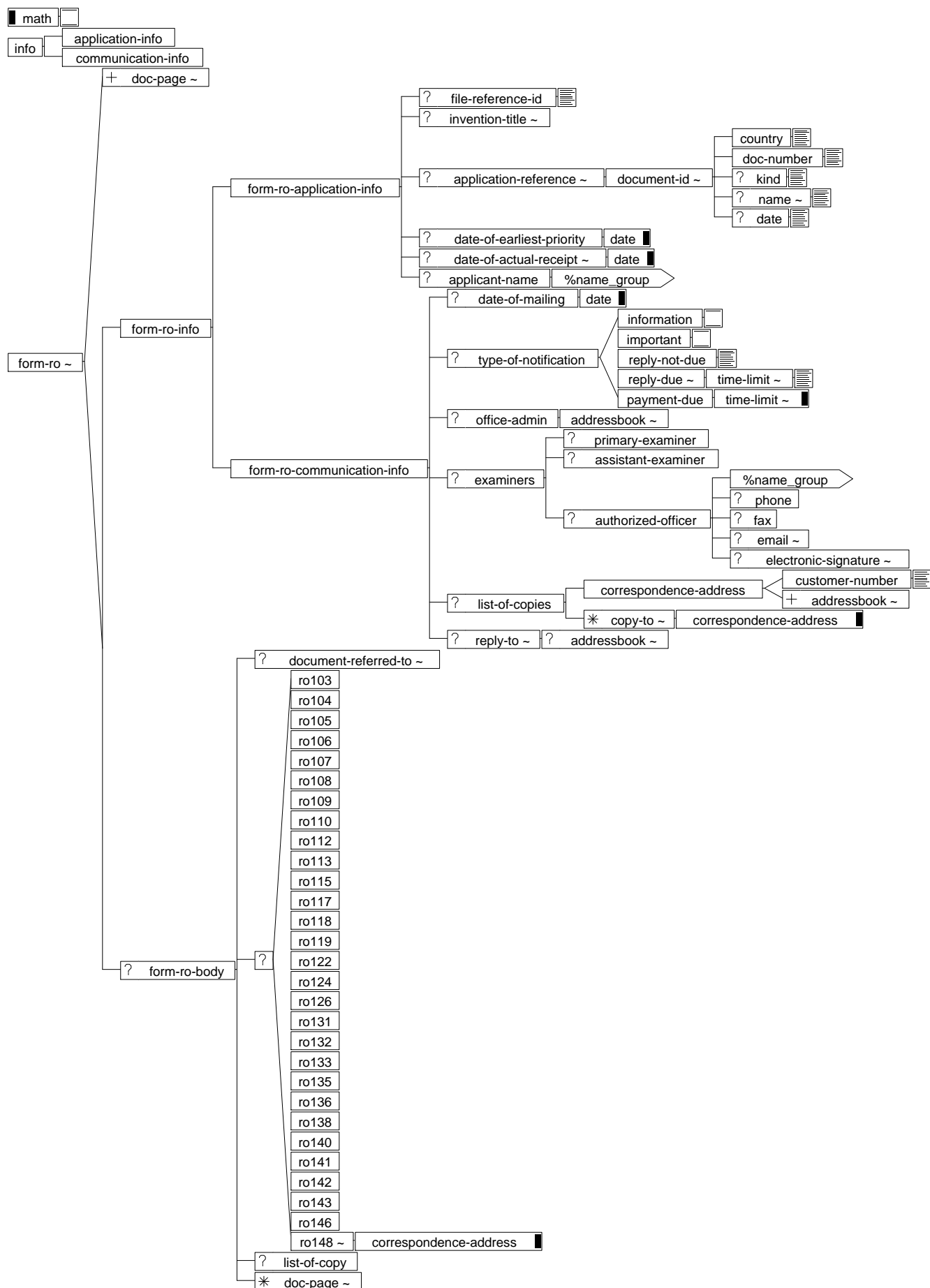


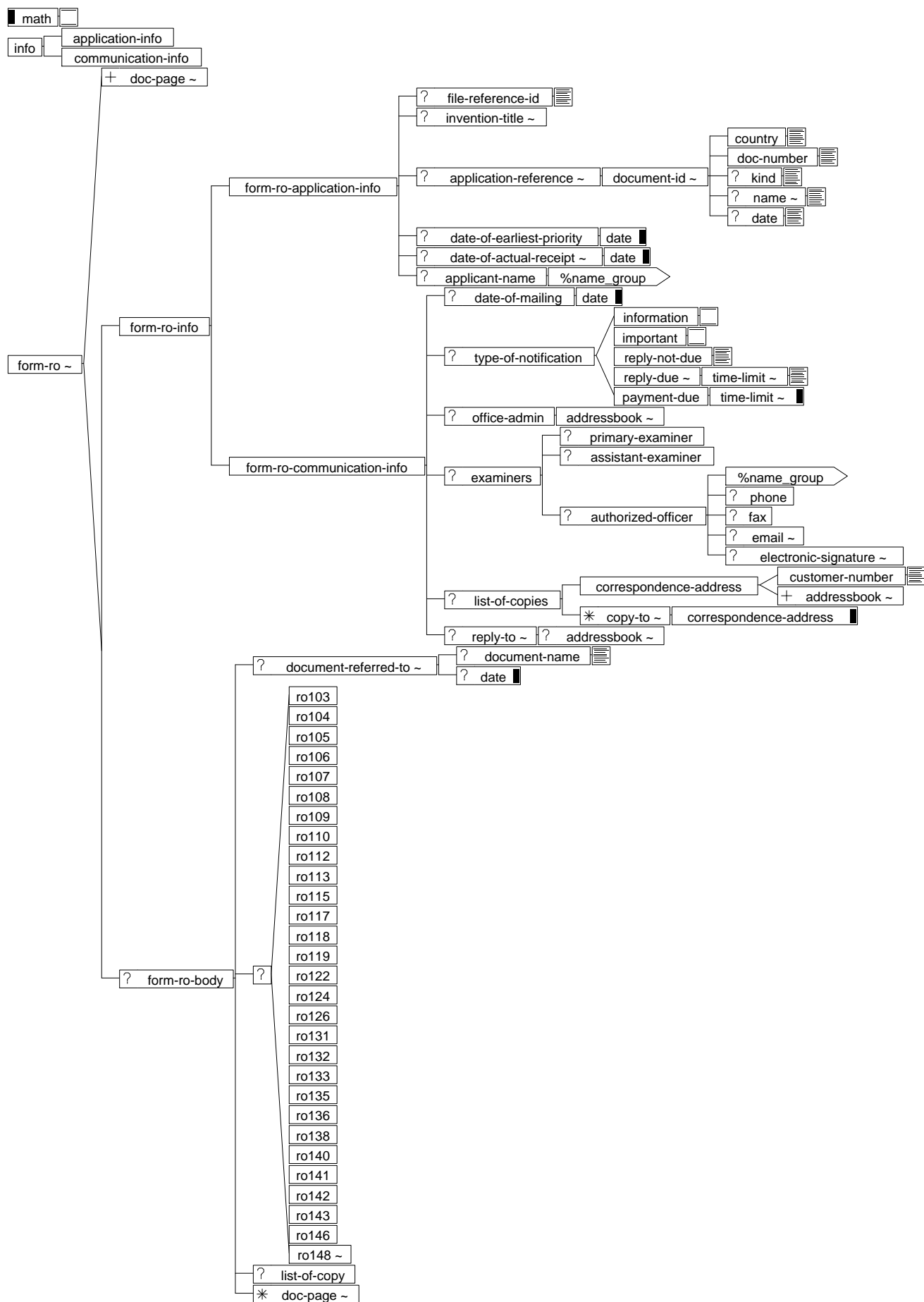












# Element / Attribute by Name

Model Root: form-ro



Element	Attribute			
Name	Name	Type	Allowable Values	Default
addressbook	id	Identifier Value		IMPLIED
agent	lang	Character Data		IMPLIED
	rep-type	Name Token Group	agent,attorney,common-representative	REQUIRED
amount-due	sequence	Character Data		REQUIRED
amount-for-restoration	currency	Character Data		REQUIRED
	criterion	Name Token Group	due-care,unintentional	REQUIRED
	currency	Character Data		REQUIRED
amount-grand-total	currency	Character Data		REQUIRED
amount-paid-after-time-limit	currency	Character Data		REQUIRED
amount-to-be-refunded	currency	Character Data		REQUIRED
applicant	app-type	Name Token Group	applicant,applicant-inventor	REQUIRED
	designation	Name Token Group	all,all-except-us,us-only,as-indicated	REQUIRED
application-reference	sequence	Character Data		REQUIRED
	appl-type	Character Data		IMPLIED
author	id	Identifier Value		IMPLIED
	id	Identifier Value		IMPLIED
balance-of-international-fee	currency	Character Data		REQUIRED
	fee-condition	Name Token Group	correct,overpayment,balance-due	REQUIRED
balance-of-search-fee	currency	Character Data		REQUIRED
	fee-condition	Name Token Group	correct,overpayment,balance-due	REQUIRED
balance-of-transmittal-fee	currency	Character Data		REQUIRED
	fee-condition	Name Token Group	correct,overpayment,balance-due	REQUIRED
bio-deposit	dnum	Character Data		IMPLIED
	id	Identifier Value		IMPLIED
	num	Character Data		REQUIRED
	url	Character Data		IMPLIED
calculation-of-amount-due	late-payment	Name Token Group	unpaid,transmittal,international	IMPLIED
check-list-copy-not-transmitted-considered-withdrawn	quantity	Character Data		REQUIRED
check-list-copy-of-purported-international-application	quantity	Character Data		REQUIRED
check-list-copy-of-request-to-restore-priority-right	quantity	Character Data		REQUIRED
check-list-copy-of-results-earlier-search	quantity	Character Data		REQUIRED
check-list-later-submitted-sheet	quantity	Character Data		REQUIRED
check-list-letter-of-corrections	quantity	Character Data		REQUIRED
check-list-record-copy	quantity	Character Data		REQUIRED
check-list-replacement-sheet	quantity	Character Data		REQUIRED
check-list-search-copy	quantity	Character Data		REQUIRED
check-list-specify-other-document	quantity	Character Data		REQUIRED
check-list-translation-of-earlier-application	quantity	Character Data		REQUIRED
check-list-translation-of-international-application	quantity	Character Data		REQUIRED
chem	chem-type	Character Data		IMPLIED
	file	Character Data		REQUIRED
	id	Identifier Value		IMPLIED
chemistry	id	Identifier Value		IMPLIED
	num	Character Data		REQUIRED
class	class-type	Character Data		IMPLIED
classification-ipcr	id	Identifier Value		IMPLIED
	sequence	Character Data		IMPLIED
classifications-ipcr	id	Identifier Value		IMPLIED
colspec	align	Name Token Group	left,right,center,justify,char	IMPLIED
	char	Character Data		IMPLIED
	charoff	Name Token		IMPLIED
	colname	Name Token		IMPLIED
	colnum	Name Token		IMPLIED
	colsep	Name Token		IMPLIED
	colwidth	Character Data		IMPLIED
	rowsep	Name Token		IMPLIED
copy-to	copy-to-role	Name Token Group	ib,ro,isa,sisa,ipea,do,eo,other	REQUIRED
	role-other	Character Data		IMPLIED
crossref	idref	Identifier Ref		REQUIRED
date-of-actual-receipt	date-of-receipt-type	Name Token Group	by-authority,on-behalf-of-authority,receipt-of-corrections	IMPLIED
deceased-inventor	lang	Character Data		IMPLIED
	sequence	Character Data		IMPLIED
defect-applicant	type-of-defect	Name Token Group	request-unclear-applicant-name,request-no-applicant-address,request-unclear-applicant-address,request-no-applicant-nationality,request-no-applicant-residence,further-observations	REQUIRED
defect-international-application	type-of-defect	Name Token Group	filing-date-earlier-application-missing,filing-date-earlier-application-too-old,number-earlier-application-missing,ro-earlier-application-missing	REQUIRED
defect-invention-title	type-of-defect	Name Token Group	title-not-indicated-in-request,title-not-indicated-in-description,title-different-request-description	REQUIRED
defect-language	type-of-defect	Name Token Group	request-not-in-language-accepted-by-ro,drawings-not-	REQUIRED



## Element / Attribute by Name

Model Root: form-ro



Element	Attribute			
Name	Name	Type	Allowable Values	Default
defect-national-application	type-of-defect	Name Token Group	in-language-accepted-by-ro, abstract-not-in-language-accepted-by-ro filing-date-earlier-application-missing,filing-date-earlier-application-too-old,number-earlier-application-missing,country-earlier-application-missing,country-earlier-application-not-member	REQUIRED
defect-of-drawing-sheets	type-of-defect	Name Token Group	no-direct-reproduction,paper-damaged,not-single-sided,low-paper-quality,not-starting-on-new-sheet,sheets-not-correctly-connected,not-A4,minimum-margins-not-conform,file-reference-position-not-conform,file-reference-too-long,sheets-contain-frames,sheets-not-numbered-consecutively,sheet-numbers-position-incorrect,sheet-numbers-in-margins,sheets-contain-modifications,sheets-contain-photocopy-marks	REQUIRED
defect-of-drawings	type-of-defect	Name Token Group	no-direct-reproduction,unnecessary-text-matter,text-position-prevents-translation,drawing-color-not-conform,cross-section-not-properly-hatched,reduction-not-possible,scales-not-represented-graphically,text-matter-not-clear,lines-without-drafting-instruments,disproportionate-elements,characters-too-small,letters-not-conform,split-figures-cannot-be-assembled-without-concealing,figures-arrangement-not-conform,figures-not-consecutively-numbered,figures-not-numbered-independently,reference-signs-broader-than-description,reference-signs-from-description-missing,same-feature-with-different-reference-signs,orientation-not-upright,orientation-sideways-top-not-at-left	REQUIRED
defect-of-text-matter	abstract claims description request type-of-defect	Name Token Group Name Token Group Name Token Group Name Token Group Name Token Group	yes,no yes,no yes,no yes,no no-direct-reproduction,not-starting-on-new-sheet,paper-damaged,orientation-not-conform,not-single-sided,low-paper-quality,sheets-not-correctly-connected,not-A4,minimum-margins-not-conform,file-reference-position-not-conform,file-reference-too-long,sheets-not-numbered-consecutively,sheet-numbers-position-incorrect,sheet-numbers-in-margins,not-typed-or-printed,spacing-not-conform,characters-too-small,text-color-not-conform,element-contains-drawings,sheets-contain-modifications,sheets-contain-photocopy-marks	no no no no REQUIRED
defect-regional-application	type-of-defect	Name Token Group	filing-date-earlier-application-missing,filing-date-earlier-application-too-old,number-earlier-application-missing,authority-earlier-application-missing,authority-earlier-application-not-granting-regional-patents,priority-country-of-aripo-application-not-member	REQUIRED
defect-signature	type-of-defect	Name Token Group	request-not-signed-by-applicant,request-no-statement-for-lack-of-signature-us,request-signed-	REQUIRED

# Element / Attribute by Name

Model Root: form-ro



Element	Attribute			
Name	Name	Type	Allowable Values	Default
defects-in-application-as-filed	document	Name Token Group	by-representative-without-power,request-signed-by-representative-power-not-signed-by-all-applicants,request-not-signed-other application-as-filed,translation-of-application	REQUIRED
defects-of-application	type-of-defect	Name Token Group	missing-part-of-description,missing-part-of-claims,missing-part-of-drawings,wrong-references-to-drawings	REQUIRED
defects-of-documents	paper-condition	Name Token Group	illegible,missing	REQUIRED
defects-of-drawings	document	Name Token Group	application-as-filed,translation-of-application	REQUIRED
defects-of-text-matter	document	Name Token Group	application-as-filed,translation-of-application	REQUIRED
dl	compact	Name Token Group	compact	IMPLIED
doc-page	id	Identifier Value		IMPLIED
	tsize	Character Data		IMPLIED
	alt	Character Data		IMPLIED
	color	Name Token Group	color,bw	IMPLIED
	file	Character Data		REQUIRED
	he	Character Data		REQUIRED
	id	Identifier Value		IMPLIED
	ocr	Character Data		IMPLIED
	orientation	Name Token Group	portrait,landscape	portrait
	pp	Character Data		IMPLIED
	ppf	Character Data		IMPLIED
	ppl	Character Data		IMPLIED
	type	Name Token Group	jpg,pdf,tif	REQUIRED
	wi	Character Data		REQUIRED
	lang	Character Data		IMPLIED
document-id	form-identification	Character Data		IMPLIED
document-referred-to	type-of-document	Name Token Group	international-application,letter,form,document-entitled,request	REQUIRED
dt	id	Identifier Value		IMPLIED
electronic-signature	date	Character Data		REQUIRED
email	place-signed	Character Data		IMPLIED
	email-purpose	Name Token Group	informal,general,advance,main,not-to-be-used	IMPLIED
entry	align	Name Token Group	left,right,center,justify,char	IMPLIED
	char	Character Data		IMPLIED
	charoff	Name Token		IMPLIED
	colname	Name Token		IMPLIED
	colsep	Name Token		IMPLIED
	morerows	Name Token		IMPLIED
	nameend	Name Token		IMPLIED
	namest	Name Token		IMPLIED
	rowsep	Name Token		IMPLIED
	valign	Name Token Group	top,middle,bottom	IMPLIED
	type-of-doc	Character Data		REQUIRED
	correction-of-defect	Name Token Group	non-correction,not-properly-corrected	REQUIRED
exofficio-corrections-by-ro	reason-withdrawn-payment	Name Token Group	non-fees,not-sufficient	REQUIRED
failure-to-pay-prescribed-fees	file	Character Data		REQUIRED
fax-image	reduction-type	Character Data		IMPLIED
fee-reduction	idref	List of Identifier Refs		IMPLIED
figref	num	Character Data		IMPLIED
form-ro	date-produced	Character Data		IMPLIED
	dtd-version	Character Data		IMPLIED
	file	Character Data		IMPLIED
	form-id	Character Data		REQUIRED
	form-version	Character Data		REQUIRED
	lang	Character Data		IMPLIED
	ro-office	Character Data		REQUIRED
	status	Character Data		IMPLIED
	id	Identifier Value		IMPLIED
	level	Name Token Group	1,2,3	IMPLIED
	alt	Character Data		IMPLIED
	file	Character Data		REQUIRED
heading	he	Character Data		REQUIRED
	id	Identifier Value		IMPLIED
img	img-content	Name Token Group	drawing,photograph,character,dna,undefined,chem,table,math,program-listing,flowchart,graph	drawing
	img-format	Name Token Group	jpg,tif,st33,st35	REQUIRED
	inline	Name Token Group	yes,no	no
	orientation	Name Token Group	portrait,landscape	portrait
inadequate-language	wi	Character Data		REQUIRED
invention-title	type-of-doc	Character Data		REQUIRED
inventor	id	Identifier Value		IMPLIED
	lang	Character Data		IMPLIED
	designation	Name Token Group	all,all-except-us,us-only,as-indicated	IMPLIED
lack-of-description-or-claims	sequence	Character Data		REQUIRED
	part-missing	Name Token Group	description,claims,description-and-claims	REQUIRED
li	id	Identifier Value		IMPLIED

# Element / Attribute by Name

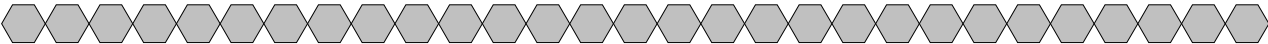
Model Root: form-ro



Element	Attribute			
Name	Name	Type	Allowable Values	Default
maths	num	Character Data		IMPLIED
	id	Identifier Value		IMPLIED
	num	Character Data		REQUIRED
name	name-type	Name Token Group	legal,natural	IMPLIED
nplcit	file	Character Data		IMPLIED
	id	Identifier Value		IMPLIED
	lang	Character Data		IMPLIED
	medium	Character Data		IMPLIED
	npl-type	Character Data		IMPLIED
	num	Character Data		IMPLIED
	url	Character Data		IMPLIED
o	style	Name Token Group	single,double,dash,dots, leftarrow,rightarrow, leftrightarrow	single
obvious-error-attached	file	Character Data		IMPLIED
	file-type	Name Token Group	tif,pdf,xml	IMPLIED
	lang	Character Data		IMPLIED
	status	Character Data		IMPLIED
ol	compact	Name Token Group	compact	IMPLIED
	id	Identifier Value		IMPLIED
	ol-style	Character Data		IMPLIED
p	id	Identifier Value		IMPLIED
	num	Character Data		REQUIRED
patcit	dnum	Character Data		IMPLIED
	dnum-type	Character Data		IMPLIED
	file	Character Data		IMPLIED
	id	Identifier Value		IMPLIED
	num	Character Data		IMPLIED
	url	Character Data		IMPLIED
pre	id	Identifier Value		IMPLIED
	listing-type	Name Token Group	sequence,program-listing,other	REQUIRED
	xml:space	Name Token Group	preserve,default	IMPLIED
priority-claim	id	Identifier Value		IMPLIED
	kind	Name Token Group	national,regional,international	REQUIRED
	sequence	Character Data		REQUIRED
priority-doc-from-library	action-by	Character Data		IMPLIED
	library-identifier	Character Data		IMPLIED
reason-for-not-accept	receipt	Name Token Group	none,international-application, other	REQUIRED
received-via	means	Name Token Group	fax,teleprinter,telegraph,other	REQUIRED
rectification-taken	taken	Name Token Group	yes,no	REQUIRED
refno	id	Identifier Value		IMPLIED
reply-due	reply-to	Name Token Group	ib,ro,isa,sisa,ipea,do,eo,other	IMPLIED
	reply-to-other	Character Data		IMPLIED
reply-to	international-authority-role	Name Token Group	ro,isa,ipea,ib	REQUIRED
response-term	unit-of-time	Character Data		REQUIRED
	value	Character Data		REQUIRED
ro148	right-person	Name Token Group	yes,no	REQUIRED
row	rowsep	Name Token		IMPLIED
	valign	Name Token Group	top,middle,bottom	IMPLIED
sent-to-applicant	ref-address	Character Data		IMPLIED
sent-to-do	ref-address	Character Data		IMPLIED
sent-to-eo	ref-address	Character Data		IMPLIED
sent-to-ib	ref-address	Character Data		IMPLIED
sent-to-ipea	ref-address	Character Data		IMPLIED
sent-to-isa	ref-address	Character Data		IMPLIED
sent-to-other	ref-address	Character Data		IMPLIED
sent-to-ro	ref-address	Character Data		IMPLIED
subname	subname-type	Name Token Group	editor,translator,other- subname-type	editor
table	colsep	Name Token		IMPLIED
	frame	Name Token Group	top,bottom,topbot,all,sides, none	IMPLIED
	pgwide	Name Token		IMPLIED
	rowsep	Name Token		IMPLIED
table-external-doc	carriers	Name Token Group	internal-electronic,external- electronic,paper	IMPLIED
	external-type	Name Token Group	math,chemistry,program- listing,other	IMPLIED
	file	Character Data		REQUIRED
	id	Identifier Value		IMPLIED
	lang	Character Data		IMPLIED
	status	Character Data		IMPLIED
tables	id	Identifier Value		IMPLIED
	num	Character Data		REQUIRED
target-document	form-identification	Character Data		IMPLIED
	type-of-target-document	Name Token Group	form,document-entitled, written-opinion	REQUIRED
tbody	valign	Name Token Group	top,middle,bottom	IMPLIED
tgroup	align	Name Token Group	left,right,center,justify,char	IMPLIED
	cols	Name Token		REQUIRED
	colsep	Name Token		IMPLIED
	rowsep	Name Token		IMPLIED
thead	valign	Name Token Group	top,middle,bottom	IMPLIED
time-limit	period	Name Token Group	date,months,weeks,days	IMPLIED
time-limit-option	deadline	Name Token Group	within-due,rule20-6a	REQUIRED
translation-of-appl	lang	Character Data		IMPLIED
	translation	Name Token Group	yes,no	no
	translation-purpose	Name Token Group	international-search, international-publication,	IMPLIED

Element / Attribute by Name

Model Root: form-ro



Element	Attribute			
Name	Name	Type	Allowable Values	Default
u ul  us-rights	style compact id list-style kind  to-dead-inventor	Name Token Group Name Token Group Identifier Value Name Token Group Name Token Group  Character Data	supplementary-international- search,international-type- search,international- preliminary-examination,entry- regional-phase,priority- document,national-search, national-examination, opposition single,double,dash,dots compact  bullet,dash,none heir,heiress,executor,executrix, estate,legal-representative, administrator,administratrix, legal-representatives,heirs, executors,legal-heirs	single IMPLIED IMPLIED bullet REQUIRED    REQUIRED