

Appman Tool

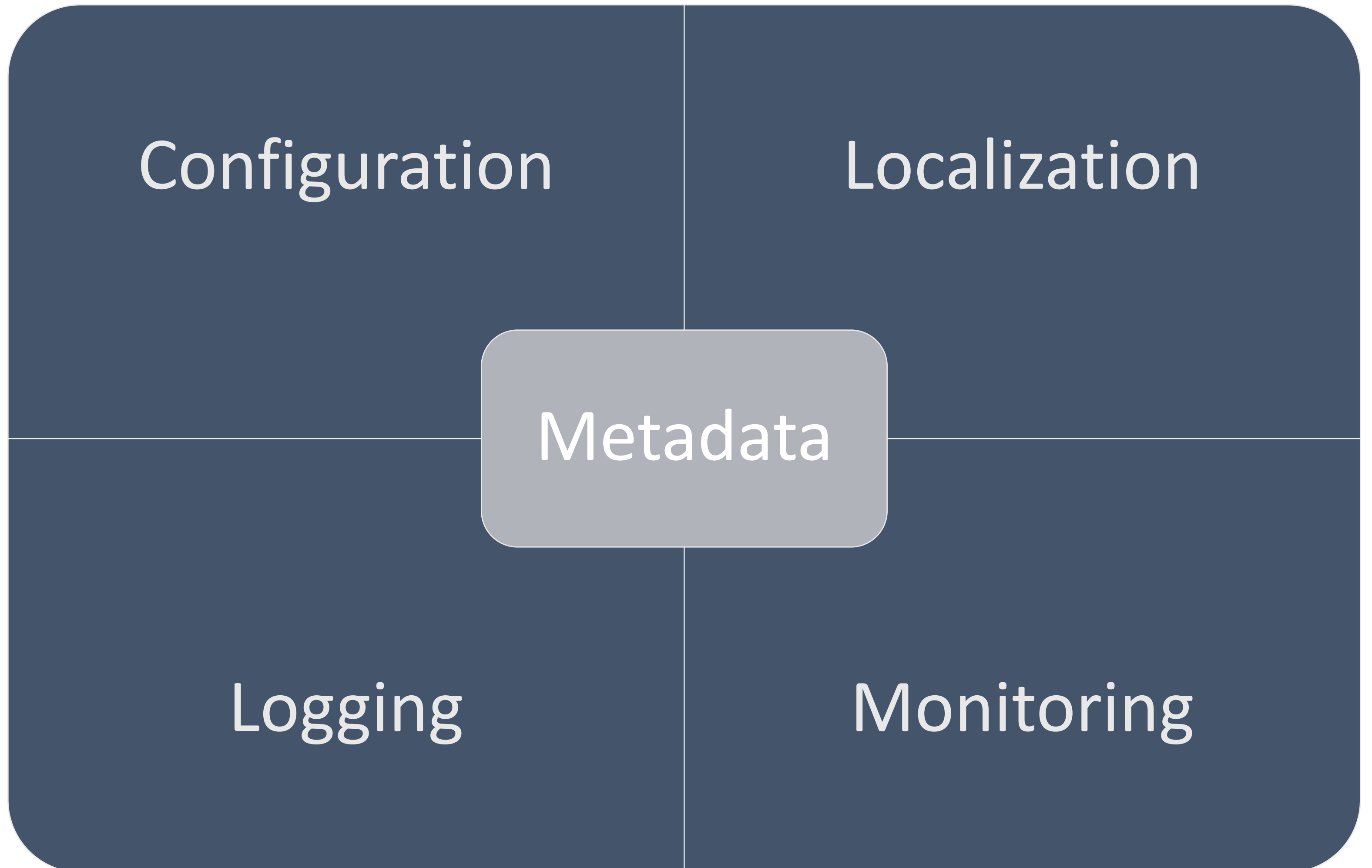
Configuration

Localization

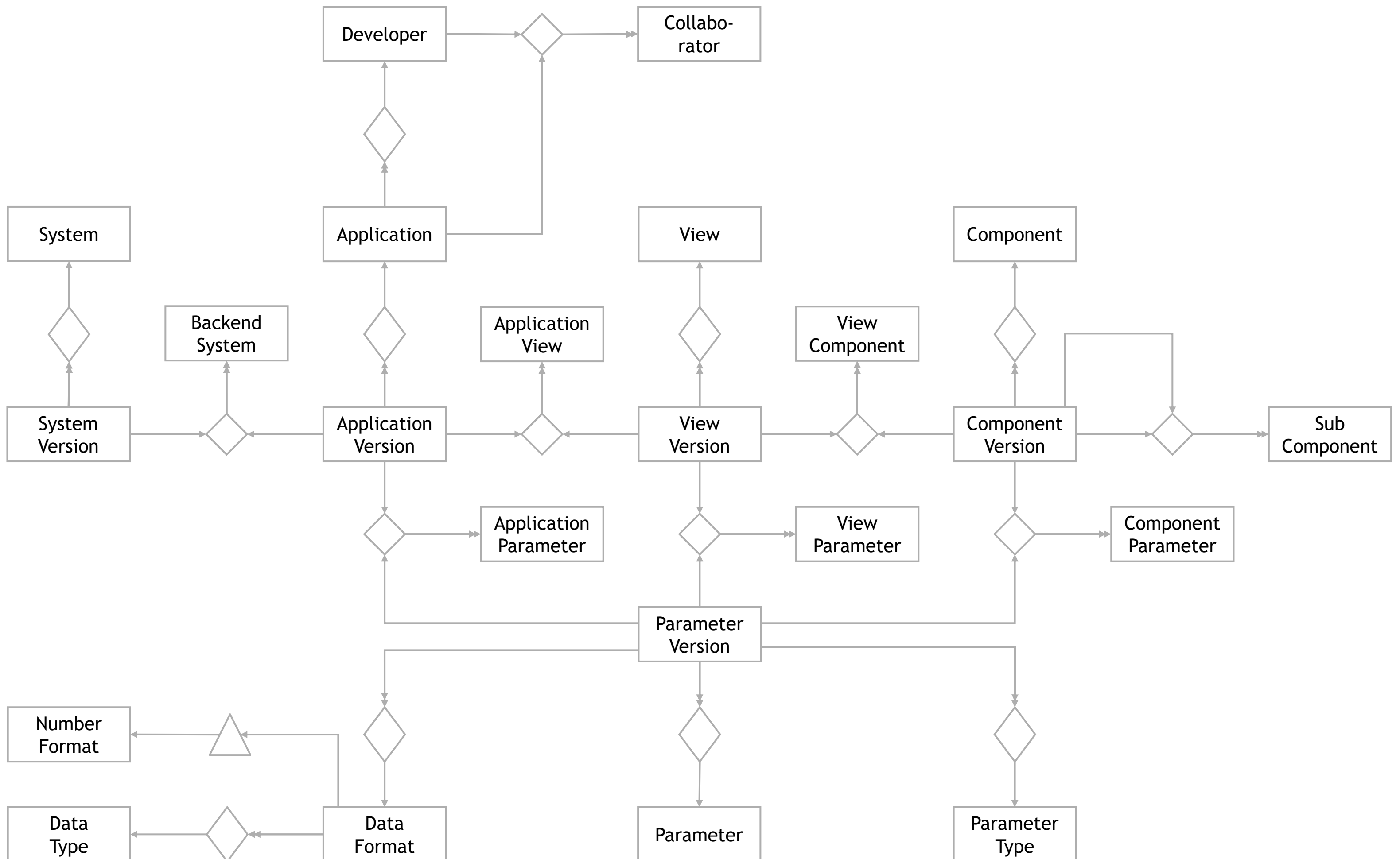
Metadata

Logging

Monitoring



Meta-Model



Developer

<u>developerID</u>	firstName*	familyName*	userName*	email*	phoneNumber	mobileNumber*
1	Dardan	Rrafshi	DonColon	dardan.rrafshi@gmail.com	07376962198	+4915738961242
2	Hasan	Karadeniz	HKK_57	hsnkrdnz57@gmail.com	07376962198	+4915162472397
3	Maik	Dürr	Miauzz	maik.duerr@gmail.com	07376962198	+491749530195
4	Angelina	Wöll	Woellang	woellang@gmail.com	07376962198	+491629240215

Application

<u>appID</u>	name*	description*	homepageUrl	<u>author*</u>	<u>modifiedBy*</u>	modifiedOn*
1	Yummy Yogurt	A website where you can create your very own Frozen Yogurt	https://yummy-yogurt.com	1	1	2020-10-26 15:30:36
2	Vinyl	My own music player webapp	https://vinyl.com	1	1	2020-10-26 15:30:45
3	Sitt	A cloud powered mobile app to stay hydrated	https://sitt.com	1	2	2020-10-26 15:30:50
4	Machine Care	A dashboard app for machine care	https://machine-care.com	1	3	2020-10-26 15:30:55

System

<u>systemID</u>	name*	description*	docUrl	<u>modifiedBy*</u>	modifiedOn*
1	MySQL			1	2020-10-26 15:30:36
2	MongoDB			1	2020-10-26 15:30:45
3	Apache Tomcat			2	2020-10-26 15:30:50
4	Wildfly			3	2020-10-26 15:30:55

SystemVersion

<u>system</u>	<u>version</u>	<u>addedBy*</u>	addedOn*
1	1.0.0	1	2020-10-26 15:30:36
1	1.1.0	1	2020-10-26 15:30:36
1	1.1.5	1	2020-10-26 15:30:36
2	1.0.0	1	2020-10-26 15:30:36

Collaborator

<u>developer</u>	<u>app</u>
2	1
2	2
2	3
3	1
3	2
3	4
4	1
4	2

ApplicationVersion

<u>app</u>	<u>version</u>	<u>addedBy*</u>	addedOn*
1	1.0.0	1	2020-10-26 15:30:36
1	1.1.0	1	2020-10-26 15:30:36
1	1.1.5	1	2020-10-26 15:30:36
2	1.0.0	1	2020-10-26 15:30:36
2	1.1.0	1	2020-10-26 15:30:36
2	1.2.0	1	2020-10-26 15:30:36
3	1.0.0	1	2020-10-26 15:30:36
4	1.0.0	1	2020-10-26 15:30:36

BackendSystem

<u>app</u>	<u>appVersion</u>	<u>system</u>	<u>systemVersion</u>	<u>addedBy*</u>	addedOn*
1	1.0.0	1	1.0.0	1	2020-10-26 15:30:36
1	1.0.0	3	1.0.0	1	2020-10-26 15:30:36
2	1.0.0	1	1.0.0	1	2020-10-26 15:30:36
2	1.0.0	3	1.0.0	1	2020-10-26 15:30:36
1	1.1.0	1	2.2.0	1	2020-10-26 15:30:36
1	1.1.0	3	2.2.0	1	2020-10-26 15:30:36
2	1.1.0	1	2.2.0	1	2020-10-26 15:30:36
2	1.1.0	3	2.2.0	1	2020-10-26 15:30:36

View

<u>viewID</u>	name*	description*	route*	<u>modifiedBy</u> *	modifiedOn*
1	Log In Form	A login view	/login	1	2020-10-26 15:30:36
2	Playlist	Displays the information of a playlist	/playlist/{playlistID}	1	2020-10-26 15:30:45
3	Sign Up Form	A sign up view	/signup	1	2020-10-26 15:30:50
4	Mixer	A view to configure a frozen yogurt	/mixer	2	2020-10-26 15:30:55

ViewVersion

<u>view</u>	<u>version</u>	<u>addedBy</u> *	addedOn*
1	1.0.0	1	2020-10-26 15:30:36
1	1.1.0	1	2020-10-26 15:30:36
2	1.0.0	1	2020-10-26 15:30:36
3	1.0.0	1	2020-10-26 15:30:36

Component

<u>componentID</u>	name*	description*	<u>modifiedBy</u> *	modifiedOn*
1	Track List	Display information about tracks	1	2020-10-26 15:30:36
2	Player Control	A component to control a music player	1	2020-10-26 15:30:45
3	Volume Bar	A component to set the volume	1	2020-10-26 15:30:50
4	Ingredient Selector	A component to select an ingredient	1	2020-10-26 15:30:55

ComponentVersion

<u>component</u>	<u>version</u>	<u>addedBy</u> *	addedOn*
1	1.0.0	1	2020-10-26 15:30:36
2	1.0.0	1	2020-10-26 15:30:36
3	1.0.0	1	2020-10-26 15:30:36
4	1.0.0	1	2020-10-26 15:30:36

ApplicationView

<u>app</u>	<u>appVersion</u>	<u>view</u>	<u>viewVersion</u>	<u>addedBy</u> *	addedOn*
1	1.0.0	1	1.0.0	1	2020-10-26 15:30:36
2	1.1.0	1	1.1.0	1	2020-10-26 15:30:36

ViewComponent

<u>view</u>	<u>viewVersion</u>	<u>component</u>	<u>componentVersion</u>	<u>addedBy</u> *	addedOn*
2	1.0.0	1	1.0.0	1	2020-10-26 15:30:36
2	1.1.0	2	1.0.0	1	2020-10-26 15:30:36

SubComponent

<u>component</u>	<u>componentVersion</u>	<u>subComponent</u>	<u>subComponentVersion</u>	<u>addedBy</u> *	addedOn*
2	1.0.0	3	1.0.0	1	2020-10-26 15:30:36
2	1.1.0	3	1.1.0	1	2020-10-26 15:30:36

ParameterType

<u>typeID</u>	description*
1	Filter parameter
2	Sort parameter
3	Styling parameter
4	Configuration parameter

Parameter

<u>parameterID</u>	name*	description*	<u>modifiedBy</u> *	modifiedOn*
1	databaseUrl	The host url of the database	1	2020-10-26 15:30:36
2	userName	The user name of a system	1	2020-10-26 15:30:36
3	sortBy	Sort a list by a criteria	1	2020-10-26 15:30:36
4	backgroundColor	The background color of an element	1	2020-10-26 15:30:36

ParameterVersion

<u>parameter</u>	<u>version</u>	isArray*	hasValueHelp*	<u>format</u> *	<u>type</u> *	<u>modifiedBy</u> *	modifiedOn*
1	1.0.0	0	0	1	4	1	2020-10-26 15:30:36
1	1.1.0	0	0	5	4	1	2020-10-26 15:30:36
2	1.0.0	0	1	1	2	1	2020-10-26 15:30:36
4	1.0.0	0	1	7	3	1	2020-10-26 15:30:36

DataType

<u>typeID</u>	description*
1	string
2	decimal
3	integer
4	boolean

NumberFormat

<u>formatID</u>	min*	max*
13	-128	127
14	0	255
15	-32768	32767
16	0	65535
17	-2147483648	2147483647
18	0	4294967295
19	-9223372036854775808	9223372036854775807
20	0	18446744073709551615

DataFormat

<u>formatID</u>	<u>type</u> *	description*	format*
1	1	none	-
2	1	date	
3	1	time	
4	1	date-time	
5	1	uri	
6	1	email	
7	1	hostname	
8	1	ipv4	
9	1	ipv6	
10	1	uuid	
11	2	float	
12	2	double	
13	3	int8 signed	
14	3	int8 unsigned	
15	3	int16 signed	

ApplicationParameter

<u>app</u>	<u>appVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	required*	<u>modifiedBy</u> *	modifiedOn*
2	1.1.0	1	1.1.0	1	1	2020-10-26 15:30:36
2	1.1.0	2	1.0.0	1	1	2020-10-26 15:30:36
1	1.0.0	1	1.1.0	1	1	2020-10-26 15:30:36
1	1.0.0	2	1.0.0	1	1	2020-10-26 15:30:36

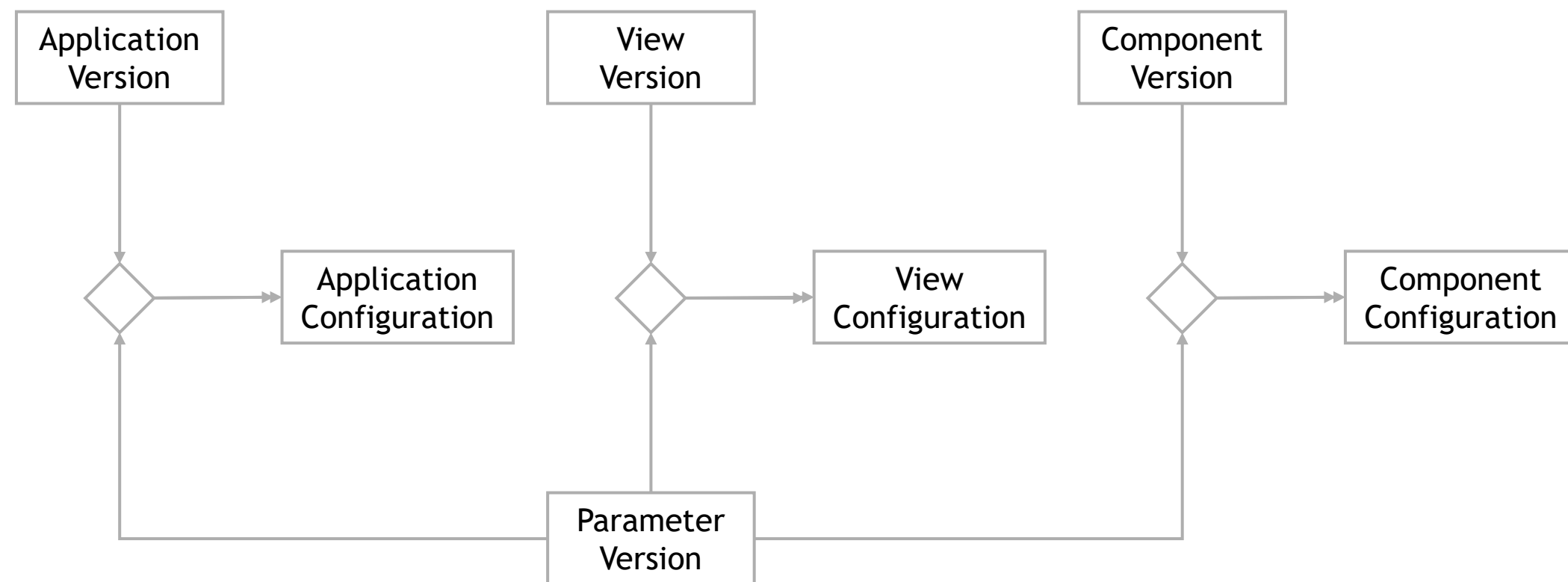
ViewParameter

<u>view</u>	<u>viewVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	required*	<u>modifiedBy</u> *	modifiedOn*
2	1.0.0	4	1.0.0	1	1	2020-10-26 15:30:36
2	1.1.0	4	1.0.0	0	1	2020-10-26 15:30:36
4	1.0.0	4	1.0.0	0	1	2020-10-26 15:30:36
4	1.1.0	4	1.0.0	1	1	2020-10-26 15:30:36

ComponentParameter

<u>component</u>	<u>componentVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	required*	<u>modifiedBy</u> *	modifiedOn*
1	1.0.0	3	1.0.0	1	1	2020-10-26 15:30:36
1	1.0.0	4	1.0.0	0	1	2020-10-26 15:30:36
4	1.0.0	4	1.0.0	0	1	2020-10-26 15:30:36
4	1.1.0	4	1.0.0	1	1	2020-10-26 15:30:36

Configuration-Model



ApplicationConfiguration

<u>app</u>	<u>appVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	<u>sequence</u>	operator*	value*	other	<u>modifiedBy</u> *	modifiedOn*
2	1.1.0	1	1.1.0	1	EQ	jdbc:mysql://localhost:3306/vinyl		1	2020-10-26 15:30:36
2	1.1.0	2	1.0.0	1	EQ	rrafshda		1	2020-10-26 15:30:36
1	1.0.0	1	1.1.0	1	EQ	jdbc:mysql://localhost:3306/yummy		1	2020-10-26 15:30:36
1	1.0.0	2	1.0.0	1	EQ	rrafshda		1	2020-10-26 15:30:36

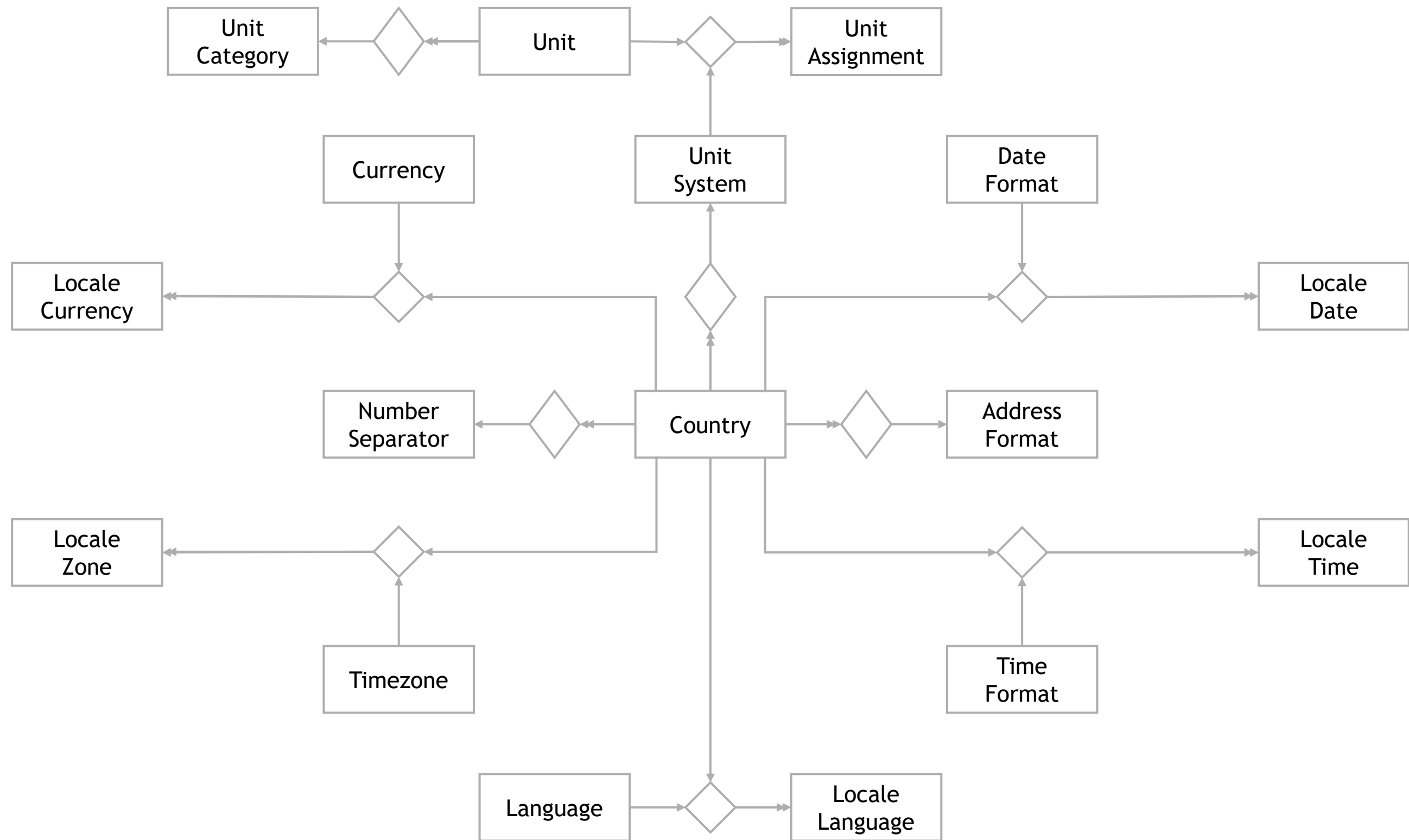
ViewConfiguration

<u>view</u>	<u>viewVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	<u>sequence</u>	operator*	value*	other	<u>modifiedBy</u> *	modifiedOn*
2	1.0.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36
2	1.1.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36
4	1.0.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36
4	1.1.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36

ComponentConfiguration

<u>component</u>	<u>componentVersion</u>	<u>parameter</u>	<u>parameterVersion</u>	<u>sequence</u>	operator*	value*	other	<u>modifiedBy</u> *	modifiedOn*
1	1.0.0	3	1.0.0	1	EQ			1	2020-10-26 15:30:36
1	1.0.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36
4	1.0.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36
4	1.1.0	4	1.0.0	1	EQ			1	2020-10-26 15:30:36

i18n-Model



Country

<u>code</u>	key*	name*	dialingCode*	<u>addressFormat</u> *	<u>numberSeparator</u> *	<u>unitSystem</u> *
DE	DEU	Germany	+49	1	1	1
US	USA	United States	+1	2	2	2
GB	GBR	United Kingdom	+44	3	2	2
CH	CHE	Switzerland	+41	4	3	1

UnitSystem

<u>systemID</u>	name*
1	metric
2	imperial
3	customary

UnitAssignment

<u>system</u>	<u>unit</u>
1	1
1	2
1	3
1	4

Unit

<u>unitID</u>	name*	abbreviation*	factor*	offset*	<u>category</u> *
1	Kilometer	km	1000	0	1
2	Hectometer	hm	100	0	1
3	Meter	m	1	0	1
4	Decimeter	dm	0.1	0	1

UnitCategory

<u>categoryID</u>	name*
1	Length
2	Force
3	Speed
4	Acceleration

AddressFormat

<u>formatID</u>	format*
1	Format 1
2	Format 2
3	Format 3
4	Format 4

NumberSeparator

<u>separatorID</u>	decimalSeparator*	thousandSeparator*
1	,	.
2	.	,
3	,	`
4	.	`

Currency

<u>code</u>	<u>digitalCode</u> *	name*	symbol*
EUR	978	European Euro	€
USD	840	United States Dollar	\$
GBP	826	Britisch Pound	£
CHF	756	Swiss Franc	Fr

LocaleCurrency

<u>country</u>	<u>currency</u>
DE	EUR
US	USD
GB	GBP
CH	CHF

DateFormat

<u>formatID</u>	format*
1	DD.MM.YYYY
2	DD/MM/YYYY
3	MM/DD/YYYY
4	YYYYMMDD

LocaleDate

<u>country</u>	<u>format</u>	displayStyle*
DE	1	medium
GB	2	medium
US	3	medium
CH	4	medium

TimeFormat

<u>formatID</u>	format*
1	HH:MM:SS
2	
3	
4	

LocaleTime

<u>country</u>	<u>format</u>	displayStyle*
DE	1	medium
GB	2	medium
US	3	medium
CH	4	medium

Timezone

<u>zoneID</u>	zone*	offset*	offsetDST*
1	Europe/Berlin	+01:00	+02:00
2	Europe/Brussels	+01:00	+02:00
3	Europe/Bucharest	+02:00	+03:00
4	Europe/Budapest	+01:00	+02:00

LocaleZone

<u>country</u>	<u>zone</u>
DE	1
GB	2
US	3
CH	4

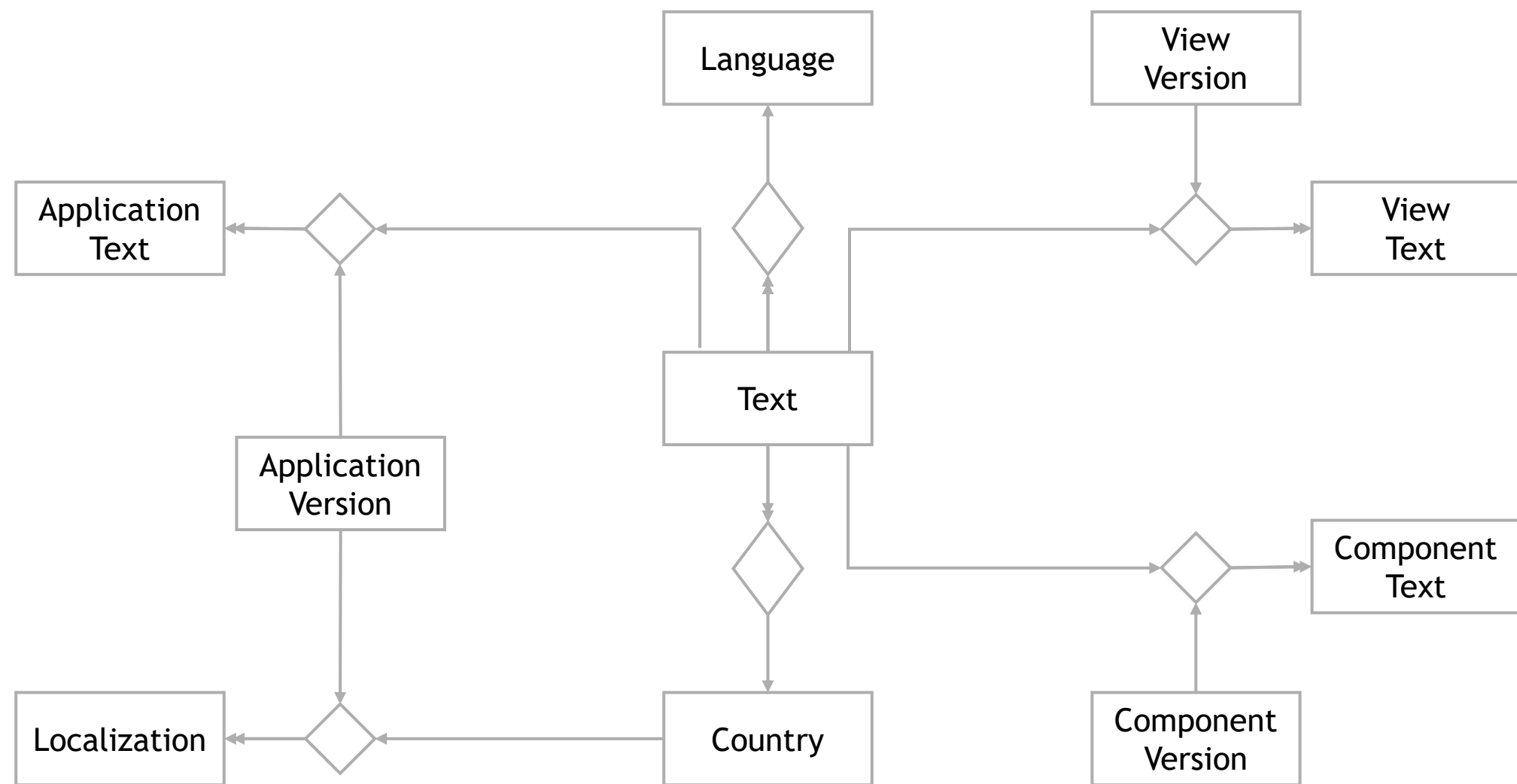
Language

<u>code</u>	<u>name</u> *	nativeName*
de	German	Deutsch
en	English	English
fr	French	français
es	Spanish	español

LocaleLanguage

<u>country</u>	<u>language</u>	isOfficial*
DE	de	1
US	en	1
GB	en	1
CH	de	1

l10n-Model



Text

<u>textID</u>	<u>country</u>	<u>language</u>	short	medium	large

Localization

<u>app</u>	<u>appVersion</u>	<u>country</u>

ApplicationText

<u>app</u>	<u>appVersion</u>	<u>text</u>	<u>country</u>	<u>language</u>

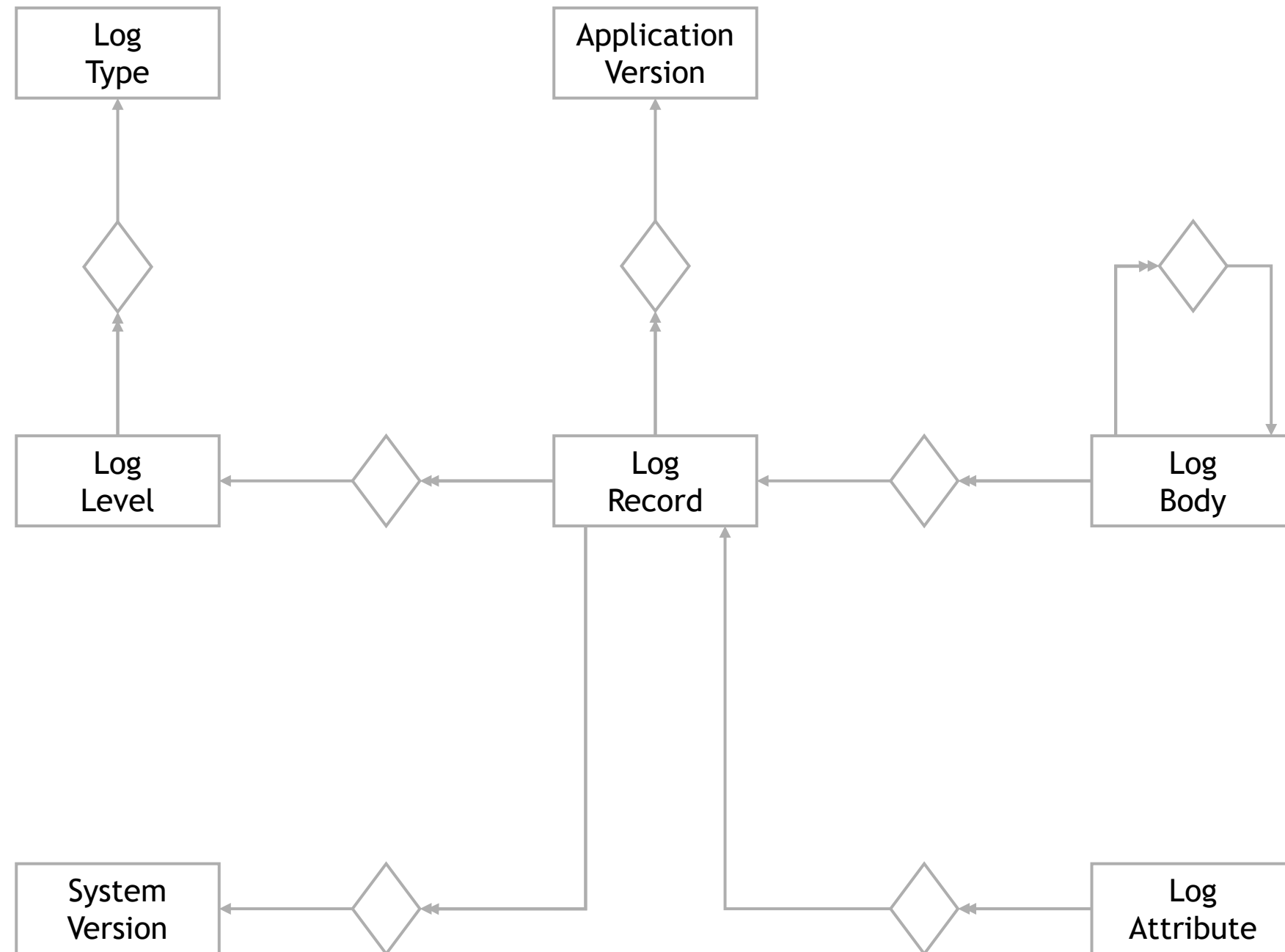
ViewText

<u>view</u>	<u>viewVersion</u>	<u>text</u>	<u>country</u>	<u>language</u>

ComponentText

<u>component</u>	<u>componentVersion</u>	<u>text</u>	<u>country</u>	<u>language</u>

Logging-Model



LogRecord

<u>logID</u>	eventName*	<u>level</u> *	levelText*	<u>app</u> *	<u>appVersion</u> *	<u>system</u>	<u>systemVersion</u>	timestamp*	traceID

LogLevel

<u>levelID</u>	<u>type</u> *	name*
1	1	
2	1	
3	2	
4	2	

LogType

<u>typeID</u>	name*
1	TRACE
2	DEBUG
3	INFO
4	WARNING

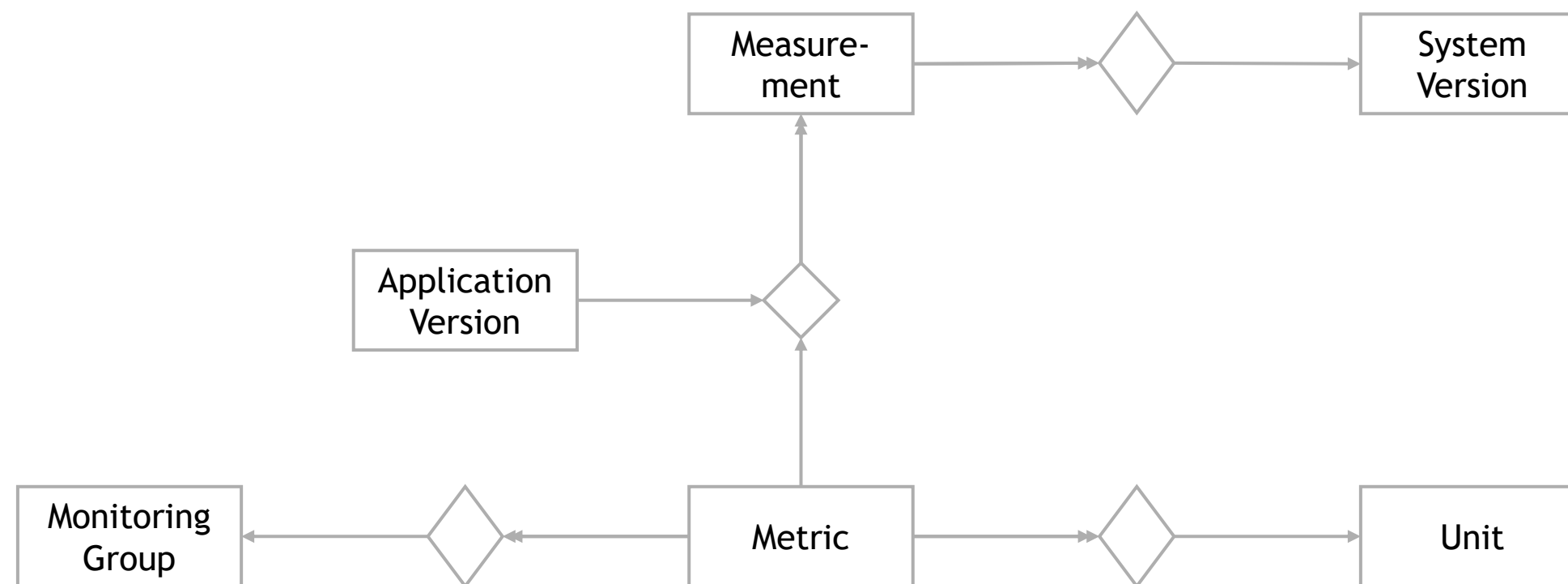
LogBody

<u>bodyID</u>	<u>log</u> *	key	value	<u>parent</u>
1	1			
2	1			
3	2			
4	3			

LogAttribute

<u>log</u>	<u>key</u>	value*

Monitoring-Model



Metric

<u>metricID</u>	name*	description*	<u>monitoringGroup</u> *	<u>unit</u>

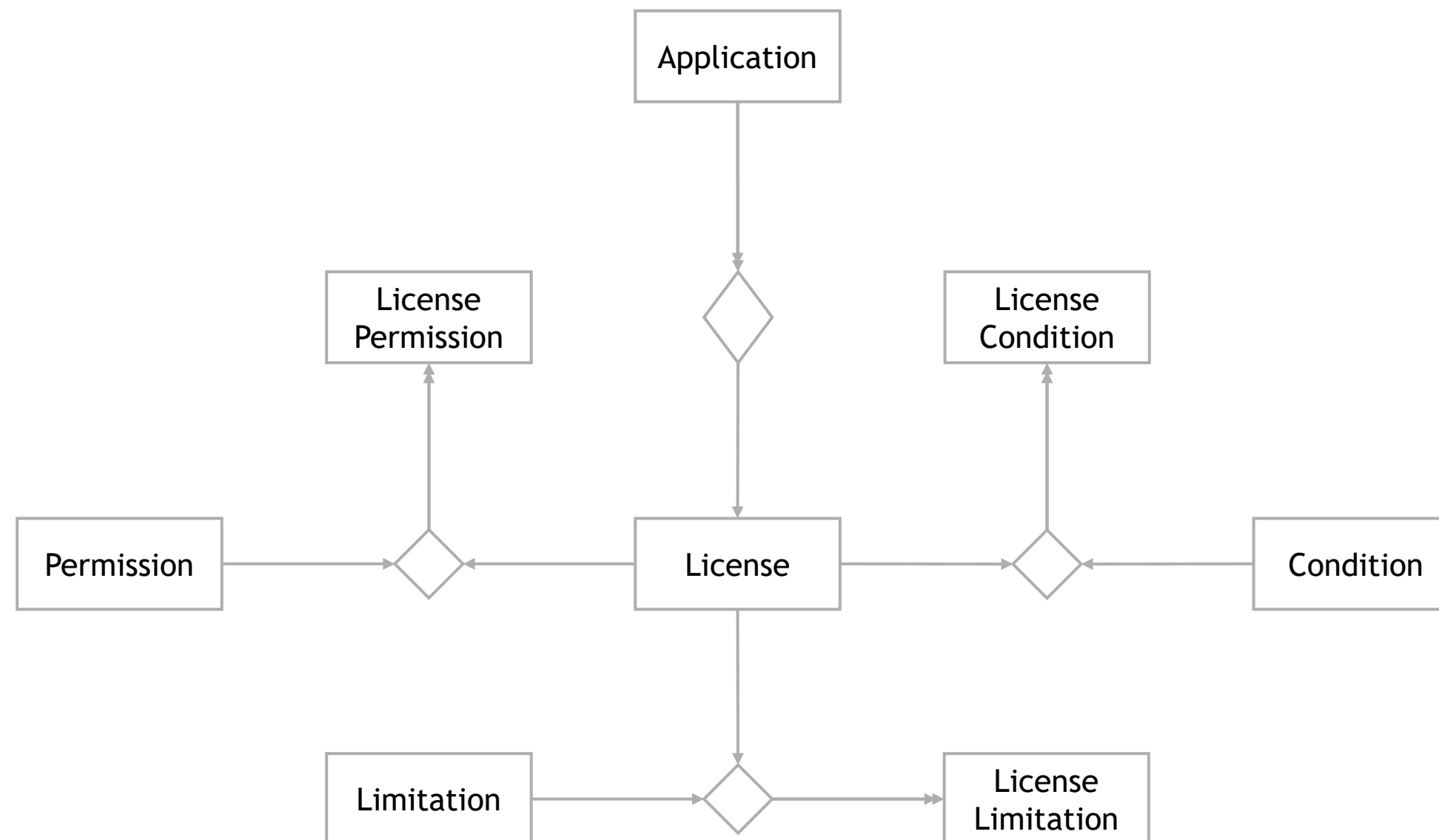
Measurement

<u>app</u>	<u>appVersion</u>	<u>metric</u>	<u>addedOn</u>	<u>system</u>	<u>systemVersion</u>	value*
1						
1						
1						
1						

MonitoringGroup

<u>groupID</u>	name*
1	Database
2	File System
3	Operating System
4	Request

Licensing-Model



License

<u>licenseID</u>	spdxID*	name*	description*	docUrl*	content*	<u>modifiedBy</u> *	modifiedOn*
mit						1	2020-10-26 15:30:36
apache-2.0						1	2020-10-26 15:30:45
agpl-3.0						2	2020-10-26 15:30:50
unlicense						3	2020-10-26 15:30:55

Permission

<u>permissionID</u>	name*	description*	<u>modifiedBy</u> *	modifiedOn*
1	Commercial Use		1	2020-10-26 15:30:36
2	Distribution		1	2020-10-26 15:30:45
3	Modification		2	2020-10-26 15:30:50
4	Private Use		3	2020-10-26 15:30:55

LicensePermission

<u>license</u>	<u>permission</u>
agpl-3.0	1
agpl-3.0	2
agpl-3.0	3
agpl-3.0	4

Condition

<u>conditionID</u>	name*	description*	<u>modifiedBy</u> *	modifiedOn*
1	Disclose Source		1	2020-10-26 15:30:36
2	License and Copyright Notice		1	2020-10-26 15:30:45
3	Same License		2	2020-10-26 15:30:50
4	State Changes		3	2020-10-26 15:30:55

LicenseCondition

<u>license</u>	<u>condition</u>
agpl-3.0	1
agpl-3.0	2
agpl-3.0	3
agpl-3.0	4

Limitation

<u>limitationID</u>	name*	description*	<u>modifiedBy</u> *	modifiedOn*
1	Liability		1	2020-10-26 15:30:36
2	Warranty		1	2020-10-26 15:30:45
3	Trademark Use		2	2020-10-26 15:30:50
4	Patent Use		3	2020-10-26 15:30:55

LicenseLimitation

<u>license</u>	<u>limitation</u>
agpl-3.0	1
agpl-3.0	2
apache-2.0	3
apache-2.0	1