KittyCatalog Element Set

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Introduction:

The KittyCatalog element set was created to describe cats that are available for adoption. It is created with three types of users in mind: adoption agencies, cat foster parents, and potential adopters. Adoption agencies can keep track of necessary data about the cats they are responsible for and about the foster parents they work with. Foster parents can find cats that need to be fostered and can also add data about the cats as necessary. Potential adopters are able to browse or search for cats that are available for adoption in order to help find a new pet.

Entities:

Agency: adoption agency		Foster: person who fosters cats	
Elements:		Elements:	
	address		address
	email		email
	hasCat		fostering
	identifier		identifier
	name		name
	postalCode		telephone
	telephone		type
	type		withAgency
	url		

Cat: a cat in the registry			
Elements:		**Elements:**	
	age		location
	availability		name
	birthDate		pattern
	breed		personality
	chip		sex
	color		size
	fosteredBy		source
	furLength		spayNeuter
	goodWith		personality
	health		type
	identifier		vaccination
	image		withAgency
	intakeDate		withWhite
	location		

Elements:

Element Name: Address
Element Label: address
Element URI: https://schema.org/address
Definition: Physical address of the entity.
Implementation: M
Comment: This element can be used for fosters or for agencies. It is recommended to include the building number, street name, city, and 2-digit state abbreviation. Ex. 1234 W North Ave, Chicago, IL. The postal code is included in a separate element.
Element Name: Age
Element Label: age
Definition: The age group of the cat.
Implementation: M
Comment: Choose the age group based on the estimated age of the cat on intake.
Value Space: Controlled list

Value	Definition
kitten	<1 year
young adult	1-6 years
mature adult	7-10 years
senior	11+ years

Element Name: Availability
Element Label: availability
Definition: Describes if the cat is available for fostering or for adoption.
Implementation: M
Comment: This value should be edited whenever the cat's status changes.
Value Space: controlled list

Values
unavailable
available for fostering
foster pending
available for adoption

adoption pending
adopted

Element Name: Birth Date
Element Label: birthDate
Element URI: https://schema.org/birthDate
Definition: Date of birth.
Implementation: M
Comment: This value can be an estimate. The minimum requirement is an estimated year of birth. For younger cats, an estimated month of birth can be added. Only include a day if certain.
Value Space: Values should follow ISO 8601 format: YYYY, YYYY-MM, or YYYY-MM-DD.

Element Name: Breed
Element Label: breed
Definition: breed of cat
Implementation: M
Comment: Breeds are assigned to their closest match from the TICA recognized breeds based on appearance. Cats that do not match any of the TICA breed will be designated "Domestic cat"
Value Space: Authorized list: TICA recognized breeds.

Element Name: Chip
Element Label: chip
Definition: states information about a cat's chip if chipped
Implementation: O
Comment: This element should be included only if a cat has been chipped. Include identifying information for the chip: generally company plus an identifying number.
Value Space: uncontrolled

Element Name: Color
Element Label: color
Definition: color of coat
Implementation: O, R

Comment: This element is repeatable for multicolored cats. Examples can be found at [What Color is My Cat?](#)
Value Space: controlled list

Value	Use For
black	
blue	Gray (darker than silver)
chocolate	Brown (darker than seal)
cream	buff
red	Orange, rust, yellow, ginger
seal	Brown (lighter than chocolate)
silver	Gray (lighter than blue)
white	

Element Name: Email
Element Label: email
Element URI: https://schema.org/email
Definition: Email address.
Implementation: O, R
Value Space: controlled, rule

Element Name: Fostered By
Element Label: fosteredBy
Definition: person who is fostering a cat
Implementation: O
Comment: This element will connect to the record for a Foster.
Value Space: local authority file

Element Name: Fostering
Element Label: fostering
Definition: links to the cats being fostered by a particular person

Implementation: O, R
Comment: This element will connect Foster records to Cat records.
Value Space: local authority file

Element Name: Fur Length
Element Label: furLength
Definition: length of fur: naked, short, medium, or long
Implementation: M
Value Space: controlled list

Values	Example
naked	[Sphynx](#)
short	[Bengal](#)
medium	[Nebelung](#)
long	[Persian](#)

Element Name: Good With
Element Label: goodWith
Definition: if the cat behaves well with other cats, children, or dogs
Implementation: O, R
Comment: This element should be used only if the cat has experience with other cats, children or dogs.
Value Space: controlled list

Value	Definition
Other cats	Choose this value if the cat behaves well with other cats.
children	Choose this value if the cat behaves well with children.
dogs	Choose this value if the cat behaves well with dogs.

Element Name: Has Cat
Element Label: hasCat
Definition: The cats that an agency is caring for.
Implementation: O
Comment: This element connects an Agency record to Cat records.
Value Space: local authority file

Element Name: Health
Element Label: health
Definition: describes any special health concerns.
Implementation: O
Comment: This element should include anything beyond basic health needs for a cat. Example: FIV+, cat is diabetic and requires insulin injections, cat is missing a limb, etc.
Value Space: uncontrolled, text.

Element Name: Identifier
Element Label: identifier
Element URI: https://schema.org/identifier
Definition: The identifier property represents any kind of identifier for any kind of Thing.
Implementation: M
Comment: All entities will have an identifier consisting of a letter followed by 5 digits.
Value Space: controlled, rule

Entity	Example
Agency	A12345
Cat	C12345
Foster	F12345

Element Name: Image
Element Label: image
Element URI: https://schema.org/image
Definition: An image of the cat. It should be a URL.
Implementation: O, R
Comment: File names should include the cat's identifier.

Value Space: URL

Element Name: Intake Date
Element Label: intakeDate
Definition: the date a cat arrived at the agency
Implementation: M
Comment: This should include the year, month, and day.
Value Space: Values should follow ISO 8601 format: YYYY-MM-DD

Element Name: Location
Element Label: location
Definition: current location of cat. (specific room at shelter, foster care, vet, etc.)
Implementation: O
Comment: Each agency may have their own local list of possible locations.
Value Space: uncontrolled

Element Name: Name
Element Label: name
Element URI: https://schema.org/name
Definition: The name of the item.
Implementation: M
Comment: All names should be written in direct order.
Value Space: uncontrolled

Element Name: Pattern
Element Label: pattern
Definition: the pattern of the cat's coat
Implementation: M, R
Comment: Examples can be found at [What Color is My Cat?](#)
Value Space: controlled list

Value
solid

mackerel tabby
classic tabby
spotted tabby
ticked tabby
tortie
torbie
with white
pointed

Element Name: Personality
Element Label: personality
Element URI:
Definition: description of the cat's behavior and personality
Implementation: O
Comment: Should consist of a few sentences or a short paragraph.
Value Space: uncontrolled

Element Name: Postal Code
Element Label: postalCode
Element URI: https://schema.org/postalCode
Definition: The postal code. For example, 94043.
Implementation: M
Value Space: Controlled, rule.

Element Name: Sex
Element Label: sex
Definition: sex of the cat
Implementation: M
Value Space: Controlled list: either Male or Female.

Element Name: Size
Element Label: size
Definition: general size of the cat
Implementation: M
Comment: Size is based on the cat's weight.
Value Space: Controlled list

Value	Definition
small	< 9 lbs.
average	9-13 lbs
large	13-20 lbs
Extra large	>20 lbs.

Element Name: Source
Element Label: source
Definition: where the cat originated from
Implementation: M
Comment: Agencies may have a locally controlled list of sources (particular colony names, etc.)
Value Space: uncontrolled

Element Name: Spay/Neuter
Element Label: spayNeuter
Element URI:
Definition: whether a cat has been spayed or neutered
Implementation: M
Value Space: true/false
Element Name: Telephone
Element Label: telephone
Element URI: https://schema.org/telephone
Definition: The telephone number.
Implementation: O, R
Comment: Phone number should be entered as numbers only, with no punctuation.

Value Space: controlled, rule

Element Name: Type
Element Label: dc: type
Element URI: http://purl.org/dc/elements/1.1/type
Definition: type of entity
Implementation: M
Value Space: controlled list

Value
Agency
Cat
Foster

Element Name: URL
Element Label: url
Element URI: https://schema.org/url
Definition: URL of the agency's website
Implementation: O, R
Value Space: Must be a URL.

Element Name: Vaccination
Element Label: vaccination
Definition: details whether the cat has received any vaccines.
Implementation: O, R
Comment: This element should state the name of the vaccine received followed by the date received, in ISO 8601 format.
Value Space: controlled; rule

Element Name: With Agency
Element Label: withAgency

Definition: The agency where the cat can be adopted from, or that a foster parent is associated with. This element links *Cat* or *Foster* records to *Agency* records.
Implementation: M
Value Space: local authority file

Element Name: With White
Element Label: withWhite
Definition: For cats with white coloring, what type of coloring they have.
Implementation: O
Comment: This element should be included for any cat with the value "with white" in the *pattern* element.
Value Space: controlled list

Value:	Definition:
mitted	White paws, also may be on belly and chin
bowtie	White patch on the chest
tuxedo	Black with white patches, usually on chest, belly and paws.
bi-color	White and another color in similar amounts. Between mitted and van.
van	Primarily white, with some other color