

### Content Type DSL

<code>migration.createContentType('dog')</code>	Create a new content type with given id
<code>.name('Dog')</code>	Set content type display name
<code>.description('A type of animal')</code>	Set content type description
<code>.displayField('name')</code>	ID of field to be used for entry title in Contentful editor
<code>.createField('owner', options?)</code>	Create a new field on the content type
<code>.editField('owner', options?)</code>	Edit the given field
<code>.moveField('owner').toTheTop()</code>	Move the field up or down in Contentful editor
<code>.deleteField('owner')</code>	Delete the field from the content type
<code>.changeFieldId('woofs', 'numWoofs')</code>	Change the JSON <code>fields[i].id</code>

### Fields DSL

<code>dog.createField('owner')</code>	Create a field
<code>.name('Owner')</code>	Set display name in Contentful editor
<code>.type('Symbol')</code>	Set field type - see below
<code>.items(options)</code>	Only when type is 'Array' - define type of items in array
<code>.linkType('Entry')</code>	Only when type is 'Link' - define type to link to
<code>.validations([ { ... } ])</code>	Set validations on a field
<code>.required(true)</code>	Set field as required
<code>.localized(true)</code>	Set field as having translations
<code>.disabled(true)</code>	Set field to be not editable
<code>.omitted(true)</code>	Set field to not be sent over CDN
<code>.deleted(true)</code>	Deletes the field

### Field Types

Symbol	Short text max 256 chars
Text	Long text - markdown - max 50k chars
Integer	signed integer $-2^{53}$ to $2^{53}$
Number	floating point number $-2^{53}$ to $2^{53}$

### Field Types (cont)

Date	ISO 8601 date and time string. Can come back with no TZ info, ex. "2015-11-06T09:45:27"
Location	lat-lon pair ex. {"lat": 52.5208, "lon": 13.4049}
Boolean	true or false
Link	Link to another entry or asset, ex. {"sys": {"type": "Link", "linkType": "Asset", "id": "23qqd1TciMGm6IYy224euu" } }
Object	raw JSON
Array	Array of any of the above, ex. [1.2, 2.9, 3.1]

### Validations

<code>linkContentType: ['dog']</code>	Which content type IDs can be linked to. Array of strings.
<code>in: ['TX', 'OK']</code>	Predefined option set for this field, i.e. dropdown list
<code>linkMimetypeGroup: ['image', 'video']</code>	Types of assets which can be linked
<code>size: { max: 999, min: 1 }</code>	Min/Max number of objects (only for 'Array' field type)
<code>range: { max: 999.9, min: 1 }</code>	Min/Max value of numeric field ('Integer' or 'Number')
<code>regex: { pattern: "^such", flags: "i" }</code>	Regex that the string field must match ('Symbol' or 'Text')
<code>unique: true</code>	No other entries have the same field value. Ex. <code>slug: "/contact-us"</code>
<code>dateRange: { min: '2018-01-01T00:00:00', max: '2018-12-31T23:00:00' }</code>	Min/Max for dates, with or without timezone
<code>assetImageDimensions: { width: { min:, max: }, height: { min:, max: } }</code>	Limits on dimensions of linked images
<code>assetFileSize: { min:, max: }</code>	Limit on file size. 1kb = 1024
<code>message</code>	Custom error message for this validation

