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Document.prototype.\$errors

Type:

- [«property»](#)

Hash containing current validation \$errors.

Document.prototype.\$getAllSubdocs()

Get all subdocs (by bfs)

Document.prototype.\$ignore()

Parameters

- path [«String»](#) the path to ignore

Don't run validation on this path or persist changes to this path.

Example:

```
doc.foo = null;  
doc.$ignore('foo');  
doc.save(); // changes to foo will not be persisted and validators won't be run
```

Document.prototype.\$isDefault()

Parameters

- [path] «String»

Returns:

- «Boolean»

Checks if a path is set to its default.

Example

```
MyModel = mongoose.model('test', { name: { type: String, default: 'Val ' } });  
const m = new MyModel();  
m.$isDefault('name'); // true
```

Document.prototype.\$isDeleted()

Parameters

- [val] «Boolean» optional, overrides whether mongoose thinks the doc is deleted

Returns:

- «Boolean» whether mongoose thinks this doc is deleted.

Getter/setter, determines whether the document was removed or not.

Example:

```
const product = await product.remove();  
product.$isDeleted(); // true  
product.remove(); // no-op, doesn't send anything to the db  
  
product.$isDeleted(false);  
product.$isDeleted(); // false  
product.remove(); // will execute a remove against the db
```

Document.prototype.\$isEmpty()

Returns:

- «Boolean»

Returns true if the given path is nullish or only contains empty objects. Useful for determining whether this subdoc will get stripped out by the [minimize option](#).

Example:

```
const schema = new Schema({ nested: { foo: String } });
const Model = mongoose.model('Test', schema);
const doc = new Model({});
doc.$isEmpty('nested'); // true
doc.nested.$isEmpty(); // true

doc.nested.foo = 'bar';
doc.$isEmpty('nested'); // false
doc.nested.$isEmpty(); // false
```

Document.prototype.\$isNew

Type:

- «property»

Boolean flag specifying if the document is new.

Document.prototype.\$locals

Type:

- «property»

Empty object that you can use for storing properties on the document. This is handy for passing data to middleware without conflicting with Mongoose internals.

Example:

```
schema.pre('save', function() {
  // Mongoose will set `isNew` to `false` if `save()` succeeds
  this.$locals.wasNew = this.isNew;
});

schema.post('save', function() {
  // Prints true if `isNew` was set before `save()`
```

```
console.log(this.$locals.wasNew);  
});
```

Document.prototype.\$markValid()

Parameters

- path «String» the field to mark as valid

Marks a path as valid, removing existing validation errors.

Document.prototype.\$op

Type:

- «property»

A string containing the current operation that Mongoose is executing on this document. May be `null`, `'save'`, `'validate'`, or `'remove'`.

Example:

```
const doc = new Model({ name: 'test' });  
doc.$op; // null  
  
const promise = doc.save();  
doc.$op; // 'save'  
  
await promise;  
doc.$op; // null
```

Document.prototype.\$parent()

Alias for `parent()`. If this document is a subdocument or populated document, returns the document's parent. Returns `undefined` otherwise.

Document.prototype.\$session()

Parameters

- [session] «ClientSession» overwrite the current session

Returns:

- «ClientSession»

Getter/setter around the session associated with this document. Used to automatically set `session` if you `save()` a doc that you got from a query with an associated session.

Example:

```
const session = MyModel.startSession();
const doc = await MyModel.findOne().session(session);
doc.$session() === session; // true
doc.$session(null);
doc.$session() === null; // true
```

If this is a top-level document, setting the session propagates to all child docs.

Document.prototype.\$set()

Parameters

- path «String|Object» path or object of key/vals to set
- val «Any» the value to set
- [type] «Schema|String|Number|Buffer|*» optionally specify a type for "on-the-fly" attributes
- [options] «Object» optionally specify options that modify the behavior of the set

Alias for `set()`, used internally to avoid conflicts

Document.prototype.\$where

Type:

- «property»

Set this property to add additional query filters when Mongoose saves this document and `isNew` is false.

Example:

```
// Make sure `save()` never updates a soft deleted document.
schema.pre('save', function() {
  this.$where = { isDeleted: false };
});
```

Document.prototype.depopulate()

Parameters

- path «String»

Returns:

- «Document» this

Takes a populated field and returns it to its unpopulated state.

Example:

```
Model.findOne().populate('author').exec(function (err, doc) {  
  console.log(doc.author.name); // Dr.Seuss  
  console.log(doc.depopulate('author'));  
  console.log(doc.author); // '5144cf8050f071d979c118a7'  
})
```

If the path was not provided, then all populated fields are returned to their unpopulated state.

Document.prototype.directModifiedPaths()

Returns:

- «Array»

Returns the list of paths that have been directly modified. A direct modified path is a path that you explicitly set, whether via `doc.foo = 'bar'`, `Object.assign(doc, { foo: 'bar' })`, or `doc.set('foo', 'bar')`.

A path `a` may be in `modifiedPaths()` but not in `directModifiedPaths()` because a child of `a` was directly modified.

Example

```
const schema = new Schema({ foo: String, nested: { bar: String } });  
const Model = mongoose.model('Test', schema);  
await Model.create({ foo: 'original', nested: { bar: 'original' } });  
  
const doc = await Model.findOne();  
doc.nested.bar = 'modified';  
doc.directModifiedPaths(); // ['nested.bar']  
doc.modifiedPaths(); // ['nested', 'nested.bar']
```

Document.prototype.equals()

Parameters

- doc «Document» a document to compare

Returns:

- «Boolean»

Returns true if this document is equal to another document.

Documents are considered equal when they have matching `_id`s, unless neither document has an `_id`, in which case this function falls back to using `deepEqual()`.

Document.prototype.errors

Type:

- «property»

Hash containing current validation errors.

Document.prototype.get()

Parameters

- path «String»
- [type] «Schema | String | Number | Buffer | *» optionally specify a type for on-the-fly attributes
- [options] «Object»
 - [options.virtuals=false] «Boolean» Apply virtuals before getting this path
 - [options.getters=true] «Boolean» If false, skip applying getters and just get the raw value

Returns the value of a path.

Example

```
// path
doc.get('age') // 47

// dynamic casting to a string
doc.get('age', String) // "47"
```

Document.prototype.getChanges()

Returns:

- «Object»

Returns the changes that happened to the document in the format that will be sent to MongoDB.

Example:

```
const userSchema = new Schema({
  name: String,
  age: Number,
  country: String
});

const User = mongoose.model('User', userSchema);
const user = await User.create({
  name: 'Hafez',
  age: 25,
  country: 'Egypt'
});

// returns an empty object, no changes happened yet
user.getChanges(); // { }

user.country = undefined;
user.age = 26;

user.getChanges(); // { $set: { age: 26 }, { $unset: { country: 1 } } }

await user.save();

user.getChanges(); // { }
```

Modifying the object that `getChanges()` returns does not affect the document's change tracking state. Even if you `delete user.getChanges().$set`, Mongoose will still send a `$set` to the server.

Document.prototype.id

Type:

- «property»

The string version of this documents `_id`.

Note:

This getter exists on all documents by default. The getter can be disabled by setting the `id` option of its `Schema` to false at construction time.

```
new Schema({ name: String }, { id: false });
```

Document.prototype.init()

Parameters

- doc [«Object»](#) document returned by mongo

Initializes the document without setters or marking anything modified.

Called internally after a document is returned from mongodb. Normally, you do **not** need to call this function on your own.

This function triggers `init` [middleware](#). Note that `init` hooks are [synchronous](#).

Document.prototype.inspect()

Helper for console.log

Document.prototype.invalidate()

Parameters

- path [«String»](#) the field to invalidate. For array elements, use the `array.i.field` syntax, where `i` is the 0-based index in the array.
- errorMsg [«String|Error»](#) the error which states the reason `path` was invalid
- value [«Object|String|Number|any»](#) optional invalid value
- [kind] [«String»](#) optional `kind` property for the error

Returns:

- [«ValidationError»](#) the current ValidationError, with all currently invalidated paths

Marks a path as invalid, causing validation to fail.

The `errorMsg` argument will become the message of the `ValidationError`.

The `value` argument (if passed) will be available through the `ValidationError.value` property.

```
doc.invalidate('size', 'must be less than 20', 14);

doc.validate(function (err) {
  console.log(err)
  // prints
  { message: 'Validation failed',
    name: 'ValidationError',
    errors:
      { size:
          { message: 'must be less than 20',
```

```
name: 'ValidatorError',
path: 'size',
type: 'user defined',
value: 14 } } }

}))
```

Document.prototype.isDirectModified()

Parameters

- path «String|Array<String>»

Returns:

- «Boolean»

Returns true if `path` was directly set and modified, else false.

Example

```
doc.set('documents.0.title', 'changed');
doc.isDirectModified('documents.0.title') // true
doc.isDirectModified('documents') // false
```

Document.prototype.isDirectSelected()

Parameters

- path «String»

Returns:

- «Boolean»

Checks if `path` was explicitly selected. If no projection, always returns true.

Example

```
Thing.findOne().select('nested.name').exec(function (err, doc) {
  doc.isDirectSelected('nested.name') // true
  doc.isDirectSelected('nested.otherName') // false
  doc.isDirectSelected('nested') // false
})
```

Document.prototype.isInit()

Parameters

- path «String»

Returns:

- «Boolean»

Checks if `path` is in the `init` state, that is, it was set by `Document#init()` and not modified since.

Document.prototype.isModified()

Parameters

- [path] «String» optional

Returns:

- «Boolean»

Returns true if any of the given paths is modified, else false. If no arguments, returns `true` if any path in this document is modified.

If `path` is given, checks if a path or any full path containing `path` as part of its path chain has been modified.

Example

```
doc.set('documents.0.title', 'changed');
doc.isModified() // true
doc.isModified('documents') // true
doc.isModified('documents.0.title') // true
doc.isModified('documents otherProp') // true
doc.isDirectModified('documents') // false
```

Document.prototype.isNew

Type:

- «property»

Boolean flag specifying if the document is new.

Document.prototype.isSelected()

Parameters

- path «String|Array<String>»

Returns:

- «Boolean»

Checks if `path` was selected in the source query which initialized this document.

Example

```
const doc = await Thing.findOne().select('name');
doc.isSelected('name') // true
doc.isSelected('age')  // false
```

Document.prototype.markModified()

Parameters

- path «String» the path to mark modified
- [scope] «Document» the scope to run validators with

Marks the path as having pending changes to write to the db.

Very helpful when using [Mixed](#) types.

Example:

```
doc.mixed.type = 'changed';
doc.markModified('mixed.type');
doc.save() // changes to mixed.type are now persisted
```

Document.prototype.modifiedPaths()

Parameters

- [options] «Object»
 - [options.includeChildren=false] «Boolean» if true, returns children of modified paths as well. For example, if false, the list of modified paths for `doc.colors = { primary: 'blue' };` will **not** contain `colors.primary`. If true, `modifiedPaths()` will return an array that contains `colors.primary`.

Returns:

- «Array»

Returns the list of paths that have been modified.

Document.prototype.overwrite()

Parameters

- `obj` «Object» the object to overwrite this document with

Overwrite all values in this document with the values of `obj`, except for immutable properties. Behaves similarly to `set()`, except for it unsets all properties that aren't in `obj`.

Document.prototype.parent()

If this document is a subdocument or populated document, returns the document's parent. Returns `undefined` otherwise.

Document.prototype.populate()

Parameters

- `path` «String|Object|Array» either the path to populate or an object specifying all parameters, or either an array of those
- `[select]` «Object|String» Field selection for the population query
- `[model]` «Model» The model you wish to use for population. If not specified, populate will look up the model by the name in the Schema's `ref` field.
- `[match]` «Object» Conditions for the population query
- `[options]` «Object» Options for the population query (sort, etc)
 - `[options.path=null]` «String» The path to populate.
 - `[options.retainNullValues=false]` «boolean» by default, Mongoose removes null and undefined values from populated arrays. Use this option to make `populate()` retain `null` and `undefined` array entries.
 - `[options.getters=false]` «boolean» if true, Mongoose will call any getters defined on the `localField`. By default, Mongoose gets the raw value of `localField`. For example, you would need to set this option to `true` if you wanted to [add a lowercase getter to your localField](#).
 - `[options.clone=false]` «boolean» When you do `BlogPost.find().populate('author')`, blog posts with the same author will share 1 copy of an `author` doc. Enable this option to make Mongoose clone populated docs before assigning them.

- [options.match=null] «Object|Function» Add an additional filter to the populate query. Can be a filter object containing [MongoDB query syntax](#), or a function that returns a filter object.
- [options.transform=null] «Function» Function that Mongoose will call on every populated document that allows you to transform the populated document.
- [options.options=null] «Object» Additional options like `limit` and `lean`.
- [callback] «Function» Callback

Returns:

- «Promise,null»

Populates paths on an existing document.

Example:

```
await doc.populate([
  'stories',
  { path: 'fans', sort: { name: -1 } }
]);
doc.populated('stories'); // Array of ObjectIds
doc.stories[0].title; // 'Casino Royale'
doc.populated('fans'); // Array of ObjectIds

await doc.populate('fans', '-email');
doc.fans[0].email // not populated

await doc.populate('author fans', '-email');
doc.author.email // not populated
doc.fans[0].email // not populated
```

Document.prototype.populate()

Parameters

- path «String»

Returns:

- «Array,ObjectId,Number,Buffer,String,undefined»

Gets `_id`(s) used during population of the given `path`.

Example:

```
Model.findOne().populate('author').exec(function (err, doc) {
  console.log(doc.author.name) // Dr.Seuss
  console.log(doc.populated('author')) // '5144cf8050f071d979c118a7'
})
```

If the path was not populated, returns `undefined`.

Document.prototype.replaceOne()

Parameters

- doc `«Object»`
- options `«Object»`
- callback `«Function»`

Returns:

- `«Query»`

Sends a `replaceOne` command with this document `_id` as the query selector.

Valid options:

- same as in `Model.replaceOne`

Document.prototype.save()

Parameters

- [options] `«Object»` options optional options
 - [options.session=null] `«Session»` the `session` associated with this save operation. If not specified, defaults to the `document's associated session`.
 - [options.safe] `«Object»` (DEPRECATED) overrides `schema's safe option`. Use the `w` option instead.
 - [options.validateBeforeSave] `«Boolean»` set to `false` to save without validating.
 - [options.validateModifiedOnly=false] `«Boolean»` If `true`, Mongoose will only validate modified paths, as opposed to modified paths and `required` paths.
 - [options.w] `«Number | String»` set the `write concern`. Overrides the `schema-level writeConcern` option
 - [options.j] `«Boolean»` set to `true` for MongoDB to wait until this `save()` has been `journalled before resolving the returned promise`. Overrides the `schema-level writeConcern` option
 - [options.wtimeout] `«Number»` sets a `timeout for the write concern`. Overrides the `schema-level writeConcern` option.
 - [options.checkKeys=true] `«Boolean»` the MongoDB driver prevents you from saving keys that start with '\$' or contain '.' by default. Set this option to `false` to skip that check. See `restrictions on field names`

- [options.timestamps=true] «Boolean» if `false` and `timestamps` are enabled, skip timestamps for this `save()`.
- [fn] «Function» optional callback

Returns:

- «Promise,undefined» Returns undefined if used with callback or a Promise otherwise.

Saves this document by inserting a new document into the database if `document.isNew` is `true`, or sends an `updateOne` operation **only** with the modifications to the database, it does not replace the whole document in the latter case.

Example:

```
product.sold = Date.now();
product = await product.save();
```

If save is successful, the returned promise will fulfill with the document saved.

Example:

```
const newProduct = await product.save();
newProduct === product; // true
```

Document.prototype.schema

Type:

- «property»

The document's schema.

Document.prototype.set()

Parameters

- path «String|Object» path or object of key/vals to set
- val «Any» the value to set
- [type] «Schema|String|Number|Buffer|*» optionally specify a type for "on-the-fly" attributes
- [options] «Object» optionally specify options that modify the behavior of the set

Sets the value of a path, or many paths.

Example:

```
// path, value
doc.set(path, value)

// object
doc.set({
  path : value
, path2 : {
  path : value
}
})

// on-the-fly cast to number
doc.set(path, value, Number)

// on-the-fly cast to string
doc.set(path, value, String)

// changing strict mode behavior
doc.set(path, value, { strict: false });
```

Document.prototype.toJSON()

Parameters

- options [«Object»](#)

Returns:

- [«Object»](#)

The return value of this method is used in calls to `JSON.stringify(doc)`.

This method accepts the same options as [Document#toObject](#). To apply the options to every document of your schema by default, set your [schemas](#) `toJSON` option to the same argument.

```
schema.set('toJSON', { virtuals: true })
```

See [schema options](#) for details.

Document.prototype.toObject()

Parameters

- [options] [«Object»](#)
 - [options.getters=false] [«Boolean»](#) if true, apply all getters, including virtuals
 - [options.virtuals=false] [«Boolean»](#) if true, apply virtuals, including aliases. Use `{ getters: true, virtuals: false }` to just apply getters, not virtuals

- [options.aliases=true] «Boolean» if `options.virtuals = true`, you can set `options.aliases = false` to skip applying aliases. This option is a no-op if `options.virtuals = false`.
- [options.minimize=true] «Boolean» if true, omit any empty objects from the output
- [options.transform=null] «Function|null» if set, mongoose will call this function to allow you to transform the returned object
- [options.depopulate=false] «Boolean» if true, replace any conventionally populated paths with the original id in the output. Has no affect on virtual populated paths.
- [options.versionKey=true] «Boolean» if false, exclude the version key (`__v` by default) from the output
- [options.flattenMaps=false] «Boolean» if true, convert Maps to POJOs. Useful if you want to `JSON.stringify()` the result of `toObject()`.
- [options.useProjection=false] «Boolean»
 - If true, omits fields that are excluded in this document's projection. Unless you specified a projection, this will omit any field that has `select: false` in the schema.

Returns:

- «Object» js object

Converts this document into a plain-old JavaScript object (POJO).

Buffers are converted to instances of `mongodb.Binary` for proper storage.

Options:

- `getters` apply all getters (path and virtual getters), defaults to false
- `aliases` apply all aliases if `virtuals=true`, defaults to true
- `virtuals` apply virtual getters (can override `getters` option), defaults to false
- `minimize` remove empty objects, defaults to true
- `transform` a transform function to apply to the resulting document before returning
- `depopulate` depopulate any populated paths, replacing them with their original refs, defaults to false
- `versionKey` whether to include the version key, defaults to true
- `flattenMaps` convert Maps to POJOs. Useful if you want to `JSON.stringify()` the result of `toObject()`, defaults to false
- `useProjection` set to `true` to omit fields that are excluded in this document's projection. Unless you specified a projection, this will omit any field that has `select: false` in the schema.

Getters/Virtuals

Example of only applying path getters

```
doc.toObject({ getters: true, virtuals: false })
```

Example of only applying virtual getters

```
doc.toObject({ virtuals: true })
```

Example of applying both path and virtual getters

```
doc.toObject({ getters: true })
```

To apply these options to every document of your schema by default, set your `schemas` `toObject` option to the same argument.

```
schema.set('toObject', { virtuals: true })
```

Transform

We may need to perform a transformation of the resulting object based on some criteria, say to remove some sensitive information or return a custom object. In this case we set the optional `transform` function.

Transform functions receive three arguments

```
function (doc, ret, options) {}
```

- `doc` The mongoose document which is being converted
- `ret` The plain object representation which has been converted
- `options` The options in use (either schema options or the options passed inline)

Example

```
// specify the transform schema option
if (!schema.options.toObject) schema.options.toObject = {};
schema.options.toObject.transform = function (doc, ret, options) {
  // remove the _id of every document before returning the result
  delete ret._id;
  return ret;
}

// without the transformation in the schema
doc.toObject(); // { _id: 'anId', name: 'Wreck-it Ralph' }

// with the transformation
doc.toObject(); // { name: 'Wreck-it Ralph' }
```

With transformations we can do a lot more than remove properties. We can even return completely new customized objects:

```
if (!schema.options.toObject) schema.options.toObject = {};
schema.options.toObject.transform = function (doc, ret, options) {
  return { movie: ret.name }
}
```

```
// without the transformation in the schema
doc.toObject(); // { _id: 'anId', name: 'Wreck-it Ralph' }

// with the transformation
doc.toObject(); // { movie: 'Wreck-it Ralph' }
```

Note: if a transform function returns `undefined`, the return value will be ignored.

Transformations may also be applied inline, overriding any transform set in the options:

```
function xform (doc, ret, options) {
  return { inline: ret.name, custom: true }
}

// pass the transform as an inline option
doc.toObject({ transform: xform }); // { inline: 'Wreck-it Ralph', custom: true }
```

If you want to skip transformations, use `transform: false`:

```
schema.options.toObject.hide = '_id';
schema.options.toObject.transform = function (doc, ret, options) {
  if (options.hide) {
    options.hide.split(' ').forEach(function (prop) {
      delete ret[prop];
    });
  }
  return ret;
}

const doc = new Doc({ _id: 'anId', secret: 47, name: 'Wreck-it Ralph' });
doc.toObject(); // { secret: 47, name: 'Wreck-it Ralph' }
doc.toObject({ hide: 'secret _id', transform: false }); // { _id: 'anId', secret: 47, name: 'Wreck-it Ralph' }
doc.toObject({ hide: 'secret _id', transform: true }); // { name: 'Wreck-it Ralph' }
```

If you pass a transform in `toObject()` options, Mongoose will apply the transform to [subdocuments](#) in addition to the top-level document. Similarly, `transform: false` skips transforms for all subdocuments.

Note that this behavior is different for transforms defined in the schema

if you define a transform in `schema.options.toObject.transform`, that transform will **not** apply to subdocuments.

```
const memberSchema = new Schema({ name: String, email: String });
const groupSchema = new Schema({ members: [memberSchema], name: String, email });
const Group = mongoose.model('Group', groupSchema);

const doc = new Group({
  name: 'Engineering',
  email: 'dev@mongoosejs.io',
  members: [{ name: 'Val', email: 'val@mongoosejs.io' }]
});
```

```
// Removes `email` from both top-level document **and** array elements
// { name: 'Engineering', members: [{ name: 'Val' }] }
doc.toObject({ transform: (doc, ret) => { delete ret.email; return ret; } });
```

Transforms, like all of these options, are also available for `toJSON`. See [this guide to JSON.stringify\(\)](#) to learn why `toJSON()` and `toObject()` are separate functions.

See [schema options](#) for some more details.

During save, no custom options are applied to the document before being sent to the database.

Document.prototype.toString()

Helper for console.log

Document.prototype.undefiend

Returns:

- «[Array<Document>](#)» array of populated documents. Empty array if there are no populated documents associated with this document.

Gets all populated documents associated with this document.

Document.prototype.unmarkModified()

Parameters

- path «[String](#)» the path to unmark modified

Clears the modified state on the specified path.

Example:

```
doc.foo = 'bar';
doc.unmarkModified('foo');
doc.save(); // changes to foo will not be persisted
```

Document.prototype.update()

Parameters

- doc «Object»
- options «Object»
- callback «Function»

Returns:

- «Query»

Sends an update command with this document `_id` as the query selector.

Example:

```
weirdCar.update({$inc: {wheels:1}}, { w: 1 }, callback);
```

Valid options:

- same as in [Model.update](#)

Document.prototype.updateOne()

Parameters

- doc «Object»
- [options] «Object» optional see `Query.prototype.setOptions()`
 - [options.lean] «Object» if truthy, mongoose will return the document as a plain JavaScript object rather than a mongoose document. See `Query.lean()` and the [Mongoose lean tutorial](#).
 - [options.strict] «Boolean|String» overwrites the schema's [strict mode option](#)
 - [options.timestamps=null] «Boolean» If set to `false` and [schema-level timestamps](#) are enabled, skip timestamps for this update. Note that this allows you to overwrite timestamps. Does nothing if schema-level timestamps are not set.
- callback «Function»

Returns:

- «Query»

Sends an updateOne command with this document `_id` as the query selector.

Example:

```
weirdCar.updateOne({$inc: {wheels:1}}, { w: 1 }, callback);
```

Valid options:

- same as in [Model.updateOne](#)

Document.prototype.validate()

Parameters

- [pathsToValidate] «Array|String» list of paths to validate. If set, Mongoose will validate only the modified paths that are in the given list.
- [options] «Object» internal options
 - [options.validateModifiedOnly=false] «Boolean» if `true` mongoose validates only modified paths.
 - [options.pathsToSkip] «Array|string» list of paths to skip. If set, Mongoose will validate every modified path that is not in this list.
- [callback] «Function» optional callback called after validation completes, passing an error if one occurred

Returns:

- «Promise» Promise

Executes registered validation rules for this document.

Note:

This method is called `pre` save and if a validation rule is violated, `save` is aborted and the error is returned to your `callback`.

Example:

```
doc.validate(function (err) {  
  if (err) handleError(err);  
  else // validation passed  
});
```

Document.prototype.validateSync()

Parameters

- pathsToValidate «Array|string» only validate the given paths
- [options] «Object» options for validation
 - [options.validateModifiedOnly=false] «Boolean» If `true`, Mongoose will only validate modified paths, as opposed to modified paths and `required` paths.
 - [options.pathsToSkip] «Array|string» list of paths to skip. If set, Mongoose will validate every modified path that is not in this list.

Returns:

- [«ValidationError,undefined»](#) ValidationError if there are errors during validation, or undefined if there is no error.

Executes registered validation rules (skipping asynchronous validators) for this document.

Note:

This method is useful if you need synchronous validation.

Example:

```
const err = doc.validateSync();
if (err) {
  handleError(err);
} else {
  // validation passed
}
```