

Request Object Properties/Functions

Property/Function	Description
req.params	Captures a dictionary of desired path parameters. Keys are placeholder names and values are the URL itself.
req.query	Captures a dictionary of query parameters, specified in a <i>?key1=value1&key2=value2& ...</i> pattern.
req.body	Holds a dictionary of POST parameters as key/value pairs. Requires multer module for multipart form requests (e.g. FormData) and using middleware functions (see Express template) for other POST request types.
req.cookies	Retrieves all cookies sent in the request. Requires cookie-parser module.

Response Object Properties/Functions

Property/Function	Description
res.set(headerName, value); res.set("Content-Type", "text/plain"); res.set("Content-Type", "application/json");	Used to set different response headers - commonly the "Content-type" (though there are others we don't cover).
res.type("text"); res.type("json");	Shorthand for setting the "Content-Type" header.
res.send(data); res.send("Hello"); res.send({ "msg" : "Hello" });	Sends the data back to the client, signaling an end to the response (does not terminate your JS program).
res.end();	Ends the request/response cycle without any data (does not terminate your JS program).
res.json(data);	Shorthand for setting the content type to JSON and sending JSON.
res.status(statusCode) res.status(400).send("client-side error message"); res.status(500).send("server-side error message");	Specifies the HTTP status code of the response to communicate success/failure to a client.