## Passing Request Headers

By default, NGINX redefines two header fields in proxied requests, “Host” and “Connection”, and eliminates the header fields whose values are empty strings. “Host” is set to the $proxy\_host variable, and “Connection” is set to close.

To change these setting, as well as modify other header fields, use the [proxy\_set\_header](https://nginx.org/en/docs/http/ngx_http_proxy_module.html#proxy_set_header) directive. This directive can be specified in a [location](https://nginx.org/en/docs/http/ngx_http_core_module.html#location) or higher. It can also be specified in a particular [server](https://nginx.org/en/docs/http/ngx_http_core_module.html#server) context or in the [http](https://nginx.org/en/docs/http/ngx_http_core_module.html#http) block. For example:

location /some/path/ {

proxy\_set\_header Host $host;

proxy\_set\_header X-Real-IP $remote\_addr;

proxy\_pass http://localhost:8000;

}

In this configuration the “Host” field is set to the [$host](https://nginx.org/en/docs/http/ngx_http_core_module.html#variables) variable.

To prevent a header field from being passed to the proxied server, set it to an empty string as follows:

location /some/path/ {

proxy\_set\_header Accept-Encoding "";

proxy\_pass http://localhost:8000;

}