```
Inside nginx/apache module
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morph_response(raw_object, object_type, request_path) {
    target_size = parse_size(request_path)

    // NOTE: check target_size is not too large, to prevent
    // DoS attacks

    if object_type == 'html' {
        obj = morph_page(raw_object)
    }
    elif request_path.match('/alpaca-rnd-*.obj') {
        obj = create_object(target_size)
    }
    else {
        file_type = parse_file_type(...)
        obj = pad_object(raw_object, file_type, target_size)
    }

    return obj;
}
```

```
Inside alpaca
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morph_page(html) {

    html_size, obj_sizes = parse_page(html)

    success = false;
    while not success {
        new_html_size, new_obj_sizes = sample_page(html_size, obj_sizes)
        // check if failed
        success = true;
    }

    new_html = put_into_html(new_obj_sizes)
    new_html = pad_object(new_html, 'html', new_html_size)

    return new_html;
}
```