Base Object for API

```
class BaseEndpoint(object):
    """ Common ancestor for all endpoints. """
    base_url = 'http://www.colourlovers.com/api/'

    def get(self, url, ex=200, **kwargs):
        res = requests.get(url, params=kwargs)

        if not res.status_code == 200:
            raise UnexpectedStatusCodeException(response=res)

        return res

    def verify_keys_in_response(self, response_keys):
        # be strict about checking keys
        expected = self.expected_keys
        actual = list(response_keys)
        actual.sort()

        if sorted(expected) == sorted(actual):
            return True
        else:
            raise JsonPayloadException('Actual keys != expected keys.')
```

Specific Object for an Endpoint

```
class ColorEndpoint(base_endpoint.BaseEndpoint):

    def __init__(self):
        self.name = 'color'
         self.endpoint = 'color/'
         self.endpoint_url = self.base_url + self.endpoint
         self.expected_keys = [‘apiUrl’, ‘badgeUrl', ‘dateCreated']
        self.expected_keys.sort()


def get_color(self, hex, format='json', verbose=True, **kwargs):
    kwargs['format'] = format
    url = self.endpoint_url + hex

    # pass to the base endpoints *requests* wrapper
    res = self.get(url, **kwargs)

    if verbose:
        logger.info('Response json: \n%s' % plog(res.json()))
    return res
```

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