







AbOut  
Documentation

Software  
Engineering

# Backend versus Frontend

Currently only directory “docs”

-  endpoints
-  AbOut\_TestingSuite.md
-  codingStandards.docx
-  SDD\_refactor.md
-  SDD\_v1.3.xml
-  SRS\_v3.7.xml

# HTTP Methods

GET– idempotent and safe (only a read)

PUT – idempotent but not always safe, use when you know the exact identify.

PUT is often thought of as CREATE, but it could also be used for updates. For example, if you want to update a resource, an article, and you know that it resides. You aren't creating the article, you are updating it, but this can happen over and over, since you know the exact url.

POST – not idempotent or safe, use when you know the category or sub-section

POST is often thought of as EDIT but instead, consider that you don't know the exact location. You may be creating a new child in a resource (so don't do this over and over or you will get more children than you want).

Safe HTTP methods – do not modify resources, such as GET, HEAD, OPTIONS

Idempotent HTTP methods – can be called many times without different outcomes.

Example `a=4` is idempotent while `a++` is not.