

Title: Read docker env variable inside Spring application.yaml

Post Body:

I'm setting an environment variable inside my docker-compose.yaml file and want to use that variable's value inside my Spring Boot's application.yaml. I was told that doing something like

```
app:  auth:  tokenSecret: tokensecretvaluehere  tokenExpirationMsec: 864000000  oauth2:  sso:  url: ${SSO_URL}
```

(where SSO_URL is defined in my docker-compose.yaml) in my Spring application.yaml. However, this causes an error when I run docker-compose up --build because it can't find that variable (error is like: Could not resolve placeholder SSO_URL in value '\${SSO_URL}'). This is an example of what my docker-compose.yaml:

```
api:  restart: always  ports:  - '8080:8080'  links:  - redis  - db  environment:  - SERVER_SE
```

I was asked to not use the System.getenv functions in Java and instead set the variable like above. From there I would just use the @Value annotation to get it in my Java code as like below:

```
@Value('${app.oauth2.sso.url}') private String ssoUrl;
```

This is more of the application.yaml:

```
heb:  toggler:  jwt:  secret:  id: 101  session:  seconds: 600  tokenheader: X-TOGGLR-TOKEN 10
```

Accepted Answer:

Solution was to not use an underscore character in the variable name.

Highest Rated Answer:

In general spring boot applications are able to read the Environment variables accessible in the docker container. Its stated in the [documentation](#) (see item 10 in the list at the very beginning of the document).

So the problem might be elsewhere:

1. It might be a typo in the question, but if you're using application.yaml as opposed to application.properties, then you should have something like:

```
sso:  url: ${SSO_URL}
```

2. Make sure, that the env variable SSO_URL is indeed accessible in the container even before you start the spring boot application. In java (for debugging purposes only) you can do something like:

```
@SpringBootApplication public class MyApp {  public static void main(String [] args) {      System.out.println(System.g
```