

# Running as an Application

If connecting as an application, you will need to [register an app](#) and make a note of the app key and app secret. The WWClient can be instantiated by calling the static method `WWClient.buildClientApplicationAccess(appId, appSecret, authenticationEndpoint)`. Once built, the WWClient can be authenticated. Once authenticated, all relevant Watson Work Services calls can be made.

## Sample Code Block

```
@Test(enabled = true)
@Parameters({ "appId", "appSecret" })
public void testGetSpacesAsApp(String appId, String appSecret) throws UnsupportedOperationException,
WWException {
    WWClient client = WWClient.buildClientApplicationAccess(appId, appSecret, new
WWAuthenticationEndpoint());
    assert !client.isAuthenticated();
    client.authenticate();
    assert client.isAuthenticated();

    List<? extends Space> spaces = client.getSpaces();
    assert (spaces.size() > 0);
}
```

Authentication as an application returns an `AppToken` which is passed to the `authenticationResult` property of the `wwClient`. This includes setting the expiry date for authentication. Subsequent calls using the same `wwClient` object will check whether the expiry date has passed, in which case it will re-authenticate.

When authenticating as an application, there is no refresh token, so no need to store the `AppToken`.