



Home Depot Puts Upstart Developer Productivity Platform to the Test

New application development platform reduces development time by an astonishing 99%.

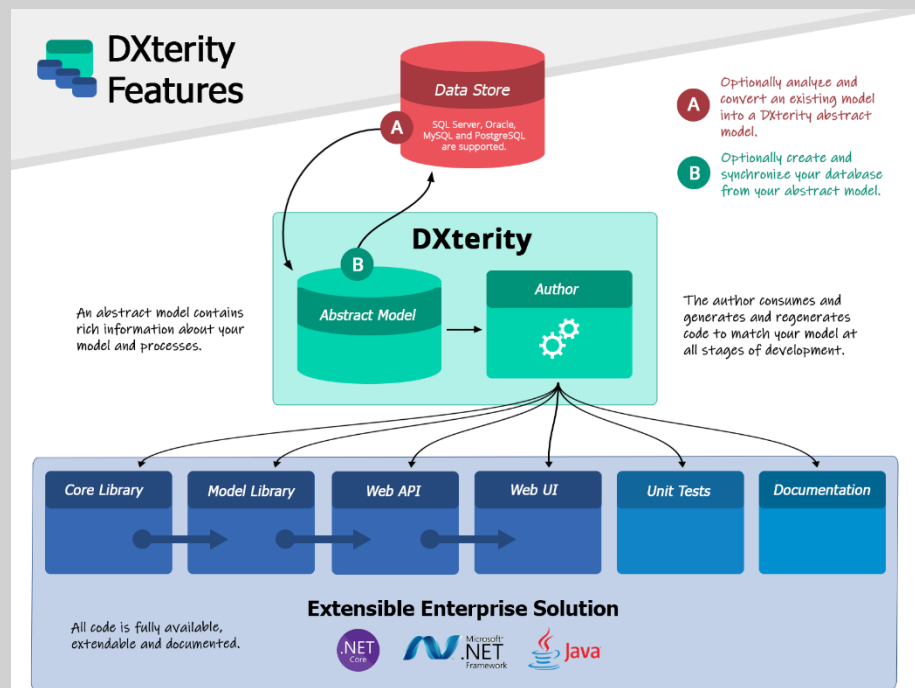
The Challenge

Home Depot challenged DXterity Solutions to build a Rest API layer in half the time it took for Home Depot’s team to build the same API layer. The speed of development was being evaluated as well as the quality of the code, as tested by VeraCode. The minimum score required via VeraCode was 80%.

The Opportunity

Demonstrate the capabilities of DXterity’s developer productivity platform compared to traditional development methods. Show Home Depot the huge potential cost savings from time and resources needed to complete the challenge.

Home Depot’s team of 3 developers had just completed their project. The team started with a data model and took 2 ½ weeks to build the initial REST API layer. The team then took another 3 days to tweak the code to obtain a VeraCode passing score of above 80% on their API solution. Their project was completed in 3 weeks.



The above diagram depicts the full functionality of the DXterity productivity platform that modernizes applications and accelerates digital transformation.

The Results

In less than 30 minutes – DXterity completed the required API solution from the same data model. Simply Amazing!

Using the identical starting point that the Home Depot team used, starting from the data model, the DXterity platform consumed the model and generated a fully hydrated API solution and administrative UI in less than 5 minutes. An additional 20 minutes was spent extending the UI so that its visibility matched the UI built by the Home Depot team.

The DXterity platform automatically constructed code that was fully visible to the developer, fully extensible and well commented. In addition to the REST API layer, DXterity also wrote GraphQL and OData API solutions in parallel to the REST API.

The Home Depot team then ran the security test on the generated code and was surprised to see an out of the box VeraCode score of 96%. This successful challenge has yielded similar results over the years & huge savings. DXterity Solutions was not surprised!



About The Home Depot

The Home Depot, Inc., commonly known as Home Depot, is the largest home improvement retailer in the United States, supplying tools, construction products, and services. The company is headquartered in incorporated Cobb County, Georgia.

About DXterity Solutions

DXterity enables and accelerates digital transformation for organizations of all sizes from idea to implementation. With a focus on application and data modernization, our approach saves time and cost as we produce outcomes that deliver exceptional customer experiences and improved operational processes.