

1. What are ambient declarations ?

Ans: Ambient Declaration is the process of providing declarations for user javascript as well as for javascript third party libraries. Third party libraries can be either JQuery, AngularJS, Node JS, Require JS, Polymer JS etc.

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2. What is the syntax for declaring ambient module or variables ?

Syntax for module:

```
declare module modulename{  
}
```

Syntax for variable:

```
declare var variableName:type;
```

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3. Does developer needs to rewrite the code of third party libraries ?

Ans: It's proudly no, why because typescript main cause for importing third party bundles is to provide typesafety and make use of them.

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4. What are the advantages of using ambient declarations?

Ans:

1. Provides typesafety and intellisence for custom script as well as for third party libraries like (jquery, angularjs).
2. Reduces burden for programmer because programmer no need to rewrite the javascript.
3. Reduces code complexity, we can seperate the implementation and declaration in two different files one with extension .ts and the other with .d.ts
5. Can override the implementation.