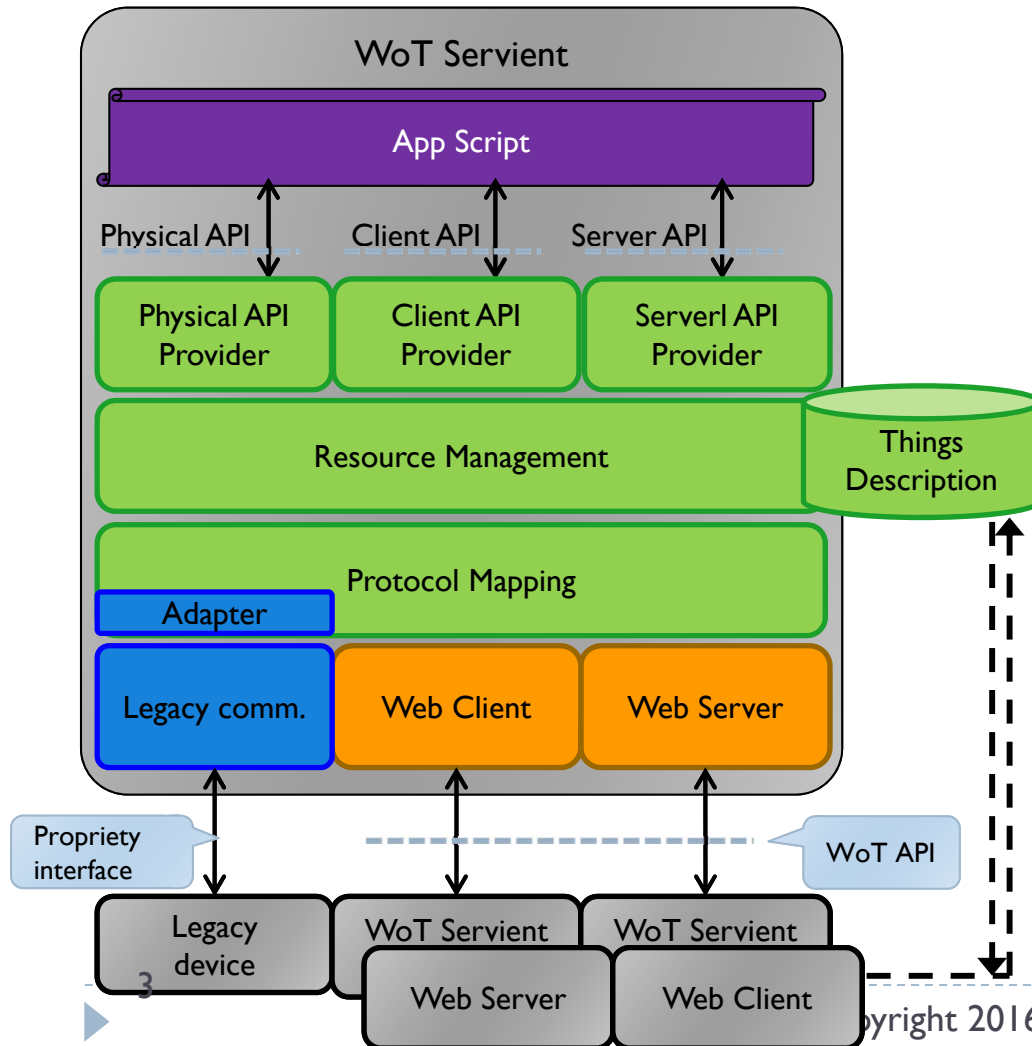


Modified diagram of the basic WoT servient architecture

▶ Functional architecture of WoT Servient



Script:

Provides access to and control of internal data of devices connected to WoT servient according to WoT API interaction

Things Description

Declares providing API name, parameter type and so on. External client refers this description to call WoT APIs

API Provider

Interprets scripts, retrieves information of devices connected to WoT servient in conjunction with Resource Management.

Resource Management:

Manages status of connected devices, request ques and so on.

Protocol Mapping:

Converts interactions with devices using information in TD in accordance with lower layer protocols. For legacy devices, adapters available for those devices convert the protocol.

Communication protocol:

Protocol used in actual communication with objects. In the case of physical devices, every protocol that is necessary to communicate with those devices is installed.