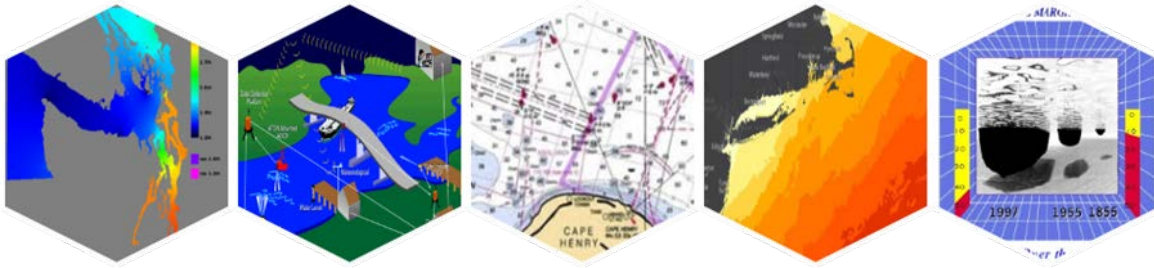


API Development at NOS



Introduction

Many Program Offices within the National Ocean Service, NOAA produce numerous products and services for a wide variety of users. However, the data is not always readily available and easy to find. The Office of Coast Survey is focusing on big and bold innovations and is developing a prototype Application Programming Interface (API) which will allow end users and developers to access many products and datasets from one access point. So far the API supports products and data from the Office of Coast Survey, the National Geodetic Survey and the Center for Operational Oceanographic Products and Services.

Activities and Goals

- Produce an Application Programming Interface
- Investigating Robust Communications and Data Transfer Protocols
- Follow International Standards and Specifications
- Develop Prototypes Through Third Party Collaborations

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