**Data Definition Steps**

**PreStep 1:** start with the information & ask "what is its inherent structure?" -- go to the HtDD page.

One of the most important points in the course is that:

* the structure of the information in the program's domain determines the kind of data definition used,
* which in turn determines the structure of the templates and helps determine the function examples (check-expects),
* and therefore the structure of much of the final program design.

**PreStep 2:** still on HtDD page, note that we're referred to "DD templates recipe page.”

**PreStep 3:** go to DD *templates* page; take note of the information relevant to the data type you’ll be using. Note at the top of the page a data driven template for a given type TypeName is provided:

(define (fn-for-type-name x)

<body>)

**Step 1:** structure definition -- N/A until we get to compound data.

**Step 2:** a type comment that defines the new type name & describes how to form data of that type.

**Step 3:** an interpretation describing the correspondence between information and data.

**Step 4:** one or more examples of the data.

**Step 5:** a template for a 1 argument function operating on data of this type.