Overview of constructions in English

S = A clause made up of NP VP Minimally: "I see"

However, consider: "Stop that man!"

Head of S = verb (phrase)

-- Verb => the main function which comprises the clause
(It gives the bare relationship that the clause expresses.)
-- NP (and other things) => arguments for the function
(These are the items which have the relationship.)
-- Prep => optional function which adds another argument
(It allows us to add extra items and relationships.)
-- Modifiers
(We can specify additional aspects of functions and arguments.)

<table>
<thead>
<tr>
<th>Types of Verbs</th>
<th>Arguments</th>
<th>PS-rule</th>
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<tbody>
<tr>
<td>Transitive:</td>
<td>Two NP's</td>
<td>VP -&gt; V[trans] NP...</td>
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<tr>
<td>E.g. Fred saw the dog</td>
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<tr>
<td>Intransitive:</td>
<td>One NP</td>
<td>VP -&gt; V[intrans] ...</td>
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<tr>
<td>E.g. Fred looked.</td>
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<tr>
<td>Linking:</td>
<td>Two NP's</td>
<td>or</td>
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<td>One NP &amp; one AP</td>
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Ditransitive: Three NP's
E.g.

Sentential:
E.g. I knew he left for the weekend.
"PUT"

"WANT"
NP arguments:

- **Regular NP's:**
  - The really big guy in the park ...
  - Rita ...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Pronouns:**
  - She ...
  
  \[ \text{NP} \rightarrow \text{Pron} \]

- **Gerunds:**
  - Singing is hard.
  - Raising horses costs a lot of money.
  - Putting the ball in the hole is uncommon for me.
  - I love raising horses.
  
  \[ \text{NP} \rightarrow \text{Gerunds} \]

- **Infinital Phrases**
  - To raise horses costs a lot of money.
  - To put the ball in the hole takes skill.
  
  \[ \text{NP} \rightarrow \text{Infinital Phrases} \]

- **Clauses**
  - That Rita stopped at the store is obvious.
  
  \[ \text{NP} \rightarrow \text{Clauses} \]

**Modifiers in NP** (loosely: adjectival modifiers)

- **Before the noun:**
  - The very tall guy...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{Q}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Det's. Numbers, AP's**
  - The working guy...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Bare Participles**
  - The guy in the house...
  - The guy running the machine...
  - The guy who ran the machine...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **PP's**
  - The guy in the house...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Participial phrases**
  - The guy running the machine...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Relative Clauses**
  - The guy who ran the machine...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

- **Appositives**
  - The guy, my friend...
  
  \[ \text{NP} \rightarrow (\text{Det}) (\text{AP}^*) \text{ N} (\text{PP}) \]

(an appositive can have a relative clause inside it:

- The guy, my friend who ran the machine...