

Patterns...We don't need no Stinkin' Patterns

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Introduction

- Definitions
- Use Cases
- Recommendation
- Questions

Definitions

The back of the pattern contains a chart of yardage requirements for fabric and interfacing, and notions (snaps, elastic, etc.). Below is a typical pattern back, showing where information is found.

1047
5 pieces

Misses' Pleated Skirt: Below calf length skirt, pleated to buttoned waistband. Opening concealed in side pocket. Optional belt loops.


Fabrics: Challis, wool blends, gabardine, flannel, lightweight denim, damask, pinwale cordoroy. Not suitable for obvious diagonal.

Notions: Thread, seam binding (opt.), one 5/8" button, one hook closure.

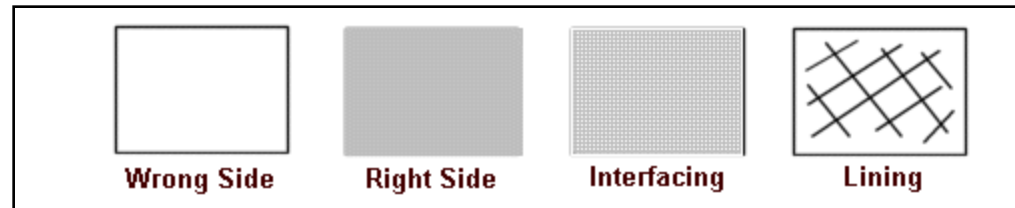
Body Measurements

Waist	23	25
Hip	32 1/2	34 1/2
Sizes	6	10
45"	2 3/8	2 5/8
60"	2	2 1/4

Interfacing: 1 1/4 yd. of 22" to 36" light to midwt.



There are various symbols used throughout the instructions to designate different pieces of fabric.



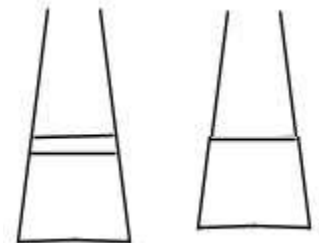
Fabric Placement
Some of the symbols on a pattern piece provide instructions on how the pattern piece is to be laid out on the fabric.



Sewing Symbols
Other symbols assist in lining up pieces that will be stitched together.



Altering Instructions
A straight line with the term "Shorten or Lengthen Here" means this is the area you can shorten or lengthen without changing overall shape of the garment.



Dress pattern analysis


The pattern describes the materials used (fabrics, notions, linings, interfaces)

The pattern uses standard symbols to describe construction and integration

The pattern describes the approved ways to alter the pattern for a specific dress

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5 pieces

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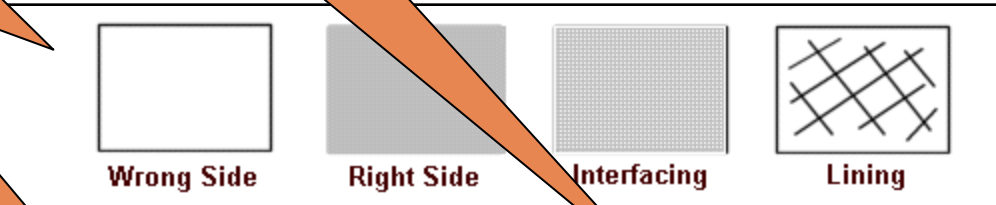
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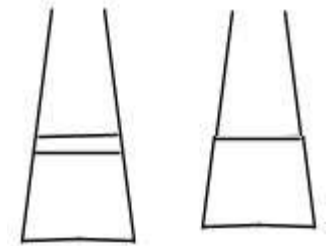
Interfacing: 1 1/4 yd. of 22" to 36" light to midwt.



Face Placement
Some of the symbols on a pattern piece provide instructions on how the pattern piece is to be laid out on the fabric.

Sewing Symbols
Other symbols assist in lining up pieces that will be stitched together.

Altering Instructions
A straight line with the term "Shorten or Lengthen Here" means this is the area you can shorten or lengthen without changing overall shape of the garment.



Dress pattern applied

1047
5 pieces

Misses' Pleated Skirt: Below calf length skirt, pleated to buttoned waistband. Opening concealed in side pocket. Optional belt loops.

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Body Measurements

Waist	23	25
Hip	32 1/2	34 1/2

Sizes	6	10
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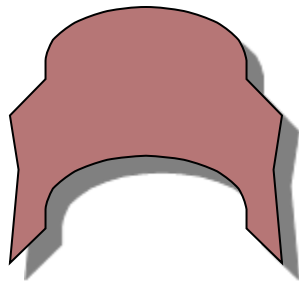
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60"	2	2 1/4

Interfacing: 1 1/4 yd. of 22" to 36" light to midwt.

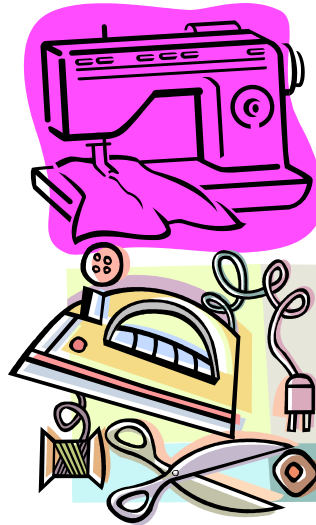


and

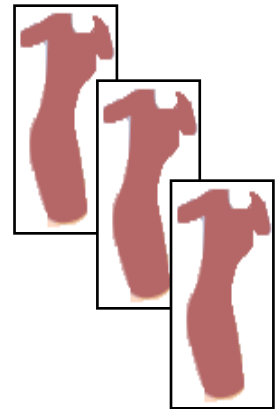
Material



Process

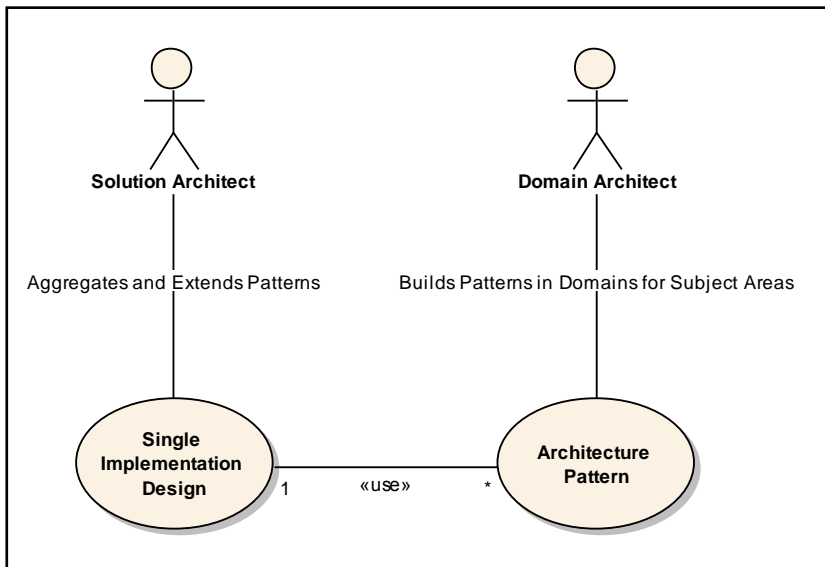


Creates many dresses

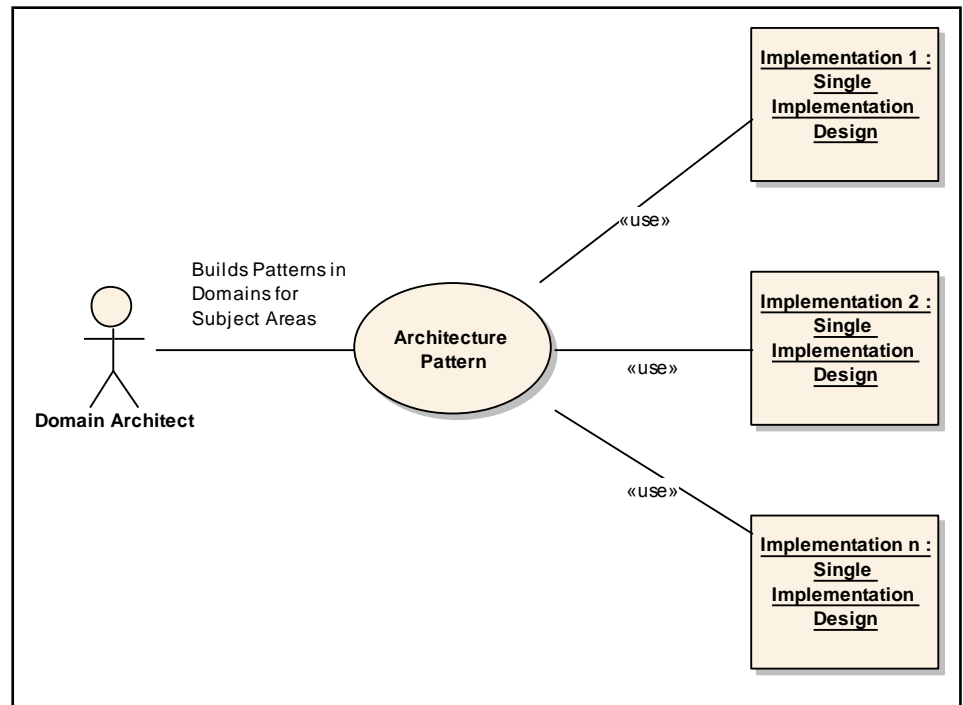


Architecture Patterns

Single implementations
may use many patterns



A pattern is used by many
implementations



ENTERPRISE ARCHITECTURE: A FRAMEWORK™



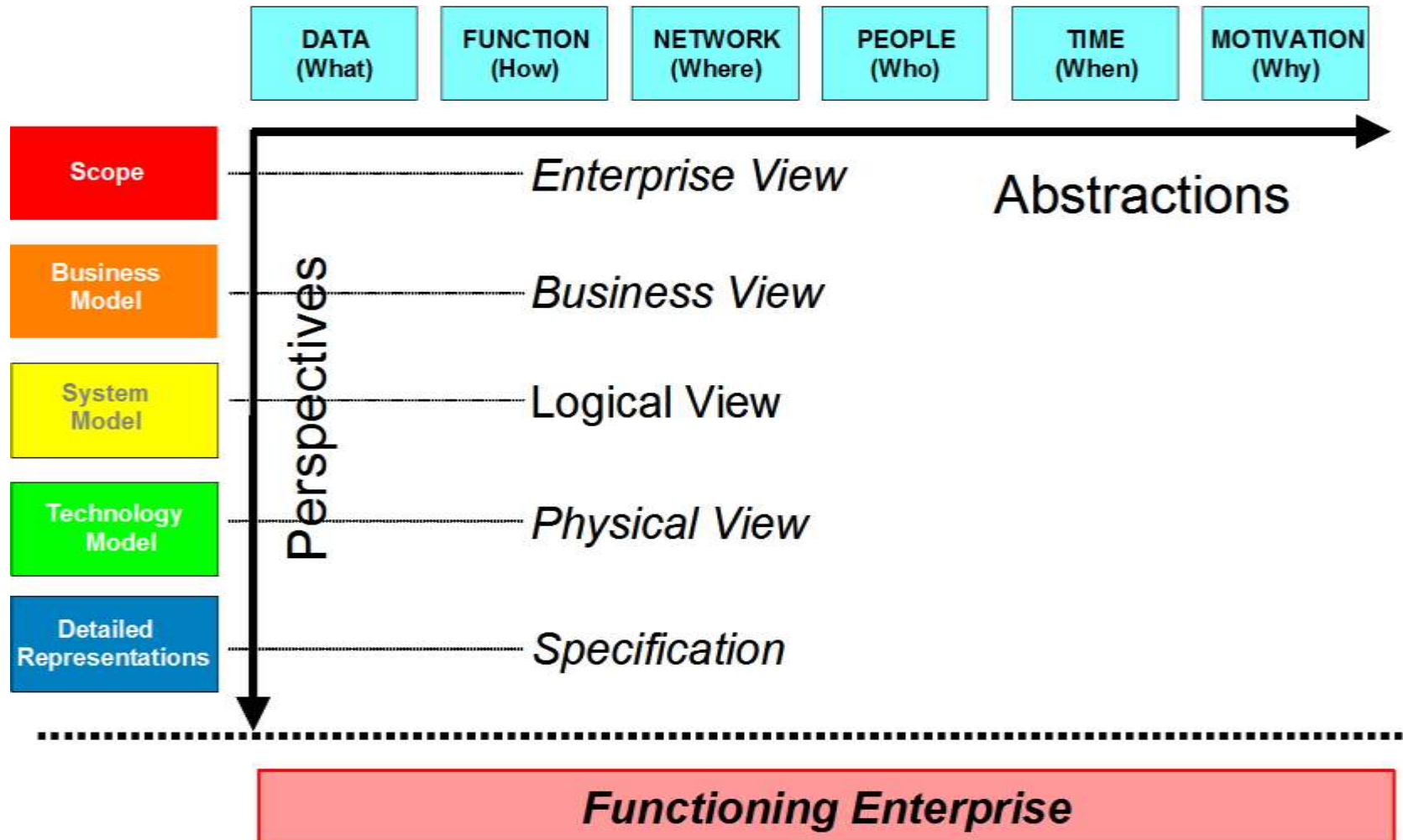
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	WHAT	HOW	WHERE	WHO	WHEN	WHY	
	DATA	FUNCTION	NETWORK	PEOPLE	TIME	MOTIVATION	
SCOPE (contextual)	<p>List of Things Important to the Business</p> <p>Entity = Class of Business Thing</p>	<p>List of Processes the Business Performs</p> <p>Process = Class of Business Process</p>	<p>List of Locations in Which the Business Operates</p> <p>Node = Major Business Location</p>	<p>List of Organizations Important to the Business</p> <p>People = Major Organizational Unit</p>	<p>List of Events/Cycles Significant to the Business</p> <p>Time = Major Business Event/Cycle</p>	<p>List of Business Goals/Strategies</p> <p>End/Mean = Major Business Goal/Strategy</p>	SCOPE (contextual)
Planner							Planner
BUSINESS MODEL (conceptual)	<p>e.g., Semantic Model</p> <p>Entity = Business Entity Relationship = Business Relationship</p>	<p>e.g., Business Process Model</p> <p>Process = Business Process IO = Business Resource</p>	<p>e.g., Business Logistics System</p> <p>Node = Business Location Link = Business Linkage</p>	<p>e.g., Work-Timer Model</p> <p>People = Organization Unit Work = Work Product</p>	<p>e.g., Master Schedule</p> <p>Time = Business Event Cycle = Business Cycle</p>	<p>e.g., Business Plan</p> <p>End = Business Objective Means = Business Strategy</p>	BUSINESS MODEL (conceptual)
Owner							Owner
SYSTEM MODEL (logical)	<p>e.g., Logical Data Model</p> <p>Entity = Data Entity Relationship = Data Relationship</p>	<p>e.g., Application Architecture</p> <p>Process = Application Function IO = User/Device</p>	<p>e.g., Distributed System Architecture</p> <p>Node = I/O Function (Process, Storage, etc.) Link = User Characteristics</p>	<p>e.g., Resource Allocation Architecture</p> <p>People = Role Work = Deliverable</p>	<p>e.g., Processing Structure</p> <p>Time = System Event Cycle = Processing Cycle</p>	<p>e.g., Business Rule Model</p> <p>End = Structural Assertion Means = Action Assertion</p>	SYSTEM MODEL (logical)
Designer							Designer
TECHNOLOGY MODEL (physical)	<p>e.g., Physical Data Model</p> <p>Entity = Segment/Field/etc. Relationship = Primary/Foreign</p>	<p>e.g., System Design</p> <p>Process = Computer Function IO = Data Throughput</p>	<p>e.g., Technology Architecture</p> <p>Node = Hardware/Software Link = Line Specification</p>	<p>e.g., Presentation Architecture</p> <p>People = User Work = Screen Function</p>	<p>e.g., Control Structure</p> <p>Time = Event Cycle = Component Cycle</p>	<p>e.g., Role Design</p> <p>End = Condition Means = Action</p>	TECHNOLOGY MODEL (physical)
Builder							Builder
DETAILED REPRESENTATIONS (out-of-context)	<p>e.g., Data Definition</p> <p>Entity = Field Relationship = Address</p>	<p>e.g., Program</p> <p>Process = Language Statement IO = Control Block</p>	<p>e.g., Network Architecture</p> <p>Node = Address Link = Protocol</p>	<p>e.g., Security Architecture</p> <p>People = Monthly Work = Job</p>	<p>e.g., Timing Definition</p> <p>Time = Interval Cycle = Machine Cycle</p>	<p>e.g., Role Specification</p> <p>End = Sub-condition Means = Step</p>	DETAILED REPRESENTATIONS (out-of-context)
Subcontractor							Subcontractor
FUNCTIONING ENTERPRISE	e.g., DATA	e.g., FUNCTION	e.g., NETWORK	e.g., ORGANIZATION	e.g., SCHEDULE	e.g., STRATEGY	FUNCTIONING ENTERPRISE

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THE ZACHMAN FRAMEWORK FOR ENTERPRISE ARCHITECTURE

Use Cases - Compliance



Recommendations

1. **Where can you use a pattern?** - Define an opportunity where work is being repeated
2. **What are your requirements?** – Capture the various functional/non-functional solution needs
3. **Were you successful?** - Capture evidence through testing to demonstrate functioning environment

Questions?

