# $T_{E}X$ in 2001

In desk top applications, text and graphic can be put anywhere on the page.

Fonts, spacing, color and all relevant aspects of text can be influenced.

T<sub>E</sub>X is a potential winner when it comes to combining graphics but designers don't think that way.

Desk top application come with good manuals, examples, courses and support.

In desk top applications, text and graphic can be put anywhere on the page.

Fonts, spacing, color and all relevant aspects of text can be influenced.

T<sub>E</sub>X is a potential winner when it comes to combining graphics but designers don't think that way.

Desk top application come with good manuals, examples, courses and support.

In desk top applications, text and graphic can be put anywhere on the page.

Fonts, spacing, color and all relevant aspects of text can be influenced.

T<sub>E</sub>X is a potential winner when it comes to combining graphics but designers don't think that way.

Desk top application come with good manuals, examples, courses and support.

In desk top applications, text and graphic can be put anywhere on the page.

Fonts, spacing, color and all relevant aspects of text can be influenced.

 $T_{EX}$  is a potential winner when it comes to combining graphics but designers don't think that way.

Desk top application come with good manuals, examples, courses and support.

In desk top applications, text and graphic can be put anywhere on the page.

Fonts, spacing, color and all relevant aspects of text can be influenced.

 $T_{EX}$  is a potential winner when it comes to combining graphics but designers don't think that way.

Desk top application come with good manuals, examples, courses and support.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good courses and support.

## Conceptual Limitations

are we com up to unic.

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good courses and support.

## Conceptual Limitations

are we com up to unic.

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good courses and support.

## Conceptual Limitations

are we own up to unit.

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good courses and support.

## Conceptual Limitations

are we or up to unit.

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

are we com up to unic.

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

TEX-like tools at first look slow, demanding, old fashioned but when introduced and supported properly can gain lifelong sympathy.

## Competing with Authoring

Documents become more than alone text, so we need to provide interactive elements.

Depending on the technology used, such elements are fragile and not safe for the future.

So, at the same time we need to guard the traditional means of navigating documents.

Here, T<sub>E</sub>X can often go further than any other system, simply because it's programmable.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

TEX-like tools at first look slow, demanding, old fashioned but when introduced and supported properly can gain lifelong sympathy.

## Competing with Authoring

Documents become more than alone text, so we need to provide interactive elements.

Depending on the technology used, such elements are fragile and not safe for the future.

So, at the same time we need to guard the traditional means of navigating documents.

Here, T<sub>E</sub>X can often go further than any other system, simply because it's programmable.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

TEX-like tools at first look slow, demanding, old fashioned but when introduced and supported properly can gain lifelong sympathy.

## Competing with Authoring

Documents become more than alone text, so we need to provide interactive elements.

Depending on the technology used, such elements are fragile and not safe for the future.

So, at the same time we need to guard the traditional means of navigating documents.

Here, T<sub>E</sub>X can often go further than any other system, simply because it's programmable.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

TEX-like tools at first look slow, demanding, old fashioned but when introduced and supported properly can gain lifelong sympathy.

### Competing with Authoring

Documents become more than alone text, so we need to provide interactive elements.

Depending on the technology used, such elements are fragile and not safe for the future.

So, at the same time we need to guard the traditional means of navigating documents.

Here, T<sub>E</sub>X can often go further than any other system, simply because it's programmable.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good courses and support.

## Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

TEX-like tools at first look slow, demanding, old fashioned but when introduced and supported properly can gain lifelong sympathy.

### Competing with Authoring

Documents become more than alone text, so we need to provide interactive elements.

Depending on the technology used, such elements are fragile and not safe for the future.

So, at the same time we need to guard the traditional means of navigating documents.

Here,  $T_E X$  can often go further than any other system, simply because it's programmable.

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof o usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that T<sub>E</sub>X can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashntroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof o usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that T<sub>E</sub>X can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashntroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof o usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that T<sub>E</sub>X can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashıtroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof oj usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that T<sub>E</sub>X can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashntroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof oj usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that *I<sub>E</sub>X* can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashıtroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

In desk top applications, text and anywhere on the page.

Fonts, spacing, color and all relevan be influenced.

T<sub>E</sub>X is a potential winner when it graphics but designers don't think t.

Desk top application come with good

## Competing with Fashion

There is a difference between making a rough sketch and a real product.

A proof of concept is not per definition a proof oj usability.

When properly supported, and accompanied with the righ tools and methods, demanding authors are willing to use T<sub>E</sub>X.

We have to make sure that *I<sub>E</sub>X* can do most of the (decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

### Conceptual Limitations

If you want batch, you need to catch a lot of border cases in advance.

If you open a possibility, you also provide an opening to inconsistency and (in case of a reprogrammable system) misuse.

But, since some control is wanted, the impossible is often not needed. So, providing structured control also provides stability.

> rst look slow, demanding, old fashıtroduced and supported properly ympathy.

luthoring

ian alone text, so we need to provide

ogy used, such elements are fragile

eed to guard the traditional means

For long, T<sub>E</sub>X was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use T<sub>E</sub>X's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

oure unit zper

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is 50, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_EX$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use T<sub>E</sub>X's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

oure num 2500

#### mitations

jou need to catch a lot of border

lity, you also provide an opening t (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_EX$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use T<sub>E</sub>X's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

and that 2 get

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_{EX}$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use  $T_EX$ 's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_{EX}$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use  $T_{EX}$ 's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_{EX}$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use  $T_EX$ 's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on <u>XML</u> and T<sub>E</sub>X can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_{EX}$  was the only affordable choice for typesetting math, so "anything was better than nothing". But times have changed.

More and more, graphics and color becomes natural in print an on desktops. What you see elsewhere, is what you want yourself.

We need to provide DTP <u>competing</u> output with a batch oriented program. Here we can use  $T_EX$ 's strength to provide <u>multiple</u> products.

Since "everyone can be a typesetter", the budgets for design and production of documents are relatively low (even upto the unacceptable). But, <u>reuse</u> pays off.

Step by isolated step production is replaced by integrated workflows. The often tight schedules demand robust methods.

Since publishers want to be in business, we must keep an eye on  $\underline{XML}$  and  $T_{\underline{E}}X$  can handle that quite well. We can even <u>benefit</u> from it.

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

#### mitations

jou need to catch a lot of border

lity, you also provide an opening l (in case of a reprogrammable

trol is wanted, the impossible is So, providing structured control Y.

look slow, demanding, old fashroduced and supported properly 1pathy.

thoring

1 alone text, so we need to provide

y used, such elements are fragile

ed to guard the traditional means

For long,  $T_{EX}$  was the only affor ting math, so "anything was be times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedbackloops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

end to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_{EX}$  was the only affor ting math, so "anything was be times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in by eye on <u>XML</u> and  $T_EX$  can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedbackloops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

end to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_EX$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedbackloops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

ed to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_EX$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedback-loops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

end to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_EX$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedbackloops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

end to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bu

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedbackloops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

end to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bu

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

#### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedback-loops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

ed to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bu

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complicated (math) texts can result in endless feedback-loops.

Being a wide spread tool, is no guarantee for being a good tool (this is true for T<sub>E</sub>X as well as commercial applications). Tools get kicked out on and off.

Authors still want a certain level of control, but if the results are great, they are willing to accept limitations.

Authors often have a clear picture of what they want to see in print, and today they print on their desktop.

In serving the authors, we must not forget the demands of publishers, especially the need for <u>reuse</u> of source code.

ed to guard the traditional means

(decent) things that designers want to do.

We also need to educate designers in automatic document processing: its weaknesses and strength. rther than any other system, simply

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and str

# Author Demands

Being

appli

Auth

Auth

see in

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complete the complete set of the se

T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

They want access to the whole bag of tricks, in a controlled way (and in  $T_EX$  even using fonts is trickery).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this IFX is not different from other applications.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and stre

#### Author Demands

Being

appli

Auth

see in

In sei

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so completion of the second s

> T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

> They want access to the whole bag of tricks, in a controlled way (and in T<sub>E</sub>X even using fonts is trick<u>e</u>ry).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this IFX is not different from other applications.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hanc can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and stre

#### Author Demands

Being

appli

Auth

see in

In sei

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complete the complete set of the se

T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

They want access to the whole bag of tricks, in a controlled way (and in  $T_EX$  even using fonts is trickery).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this IFX is not different from other applications.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and stre

#### Author Demands

Being

appli

see in

In sei

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complete the complete set of the se

T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

They want access to the whole bag of tricks, in a controlled way (and in  $T_{EX}$  even using fonts is trickery).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this TEX is not different from other applications.

For long,  $T_{EX}$  was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and stre

#### Author Demands

Being

appli

see in

In sei

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complete the complete set of the se

T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

They want access to the whole bag of tricks, in a controlled way (and in  $T_EX$  even using fonts is trickery).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this  $T_{EX}$  is not different from other applications.

For long, T<sub>E</sub>X was the only affor ting math, so "anything was ber times have changed.

More and more, graphics and c print an on desktops. What yo you want yourself.

We need to provide DTP <u>compet</u> oriented program. Here we ca provide <u>multiple</u> products.

Since "everyone can be a type. design and production of docur (even upto the unacceptable). Bi

Step by isolated step production workflows. The often tight so methods.

Since publishers want to be in be eye on <u>XML</u> and T<sub>E</sub>X can hand can even <u>benefit</u> from it.

(decent) things that designers want to de

We also need to educate designers in au ment processing: its weaknesses and stre

### Author Demands

Being

appli

see in

In sei

of pu

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the tools, styles and/or strict rules.

If a separate design department is used, even not so complete the complete set of the se

T<sub>E</sub>X is also also used by non-profit organizations, home users, those who are on their own, and those who want control (like science students).

They want access to the whole bag of tricks, in a controlled way (and in  $T_{EX}$  even using fonts is trickery).

Since they are willing to participate in experiments, this provides an ideal playground for new developments.

A bag of latest tricks can endanger a stable system, and in this  $T_{EX}$  is not different from other applications.

For long,  $T_{EX}$  was the only affor ting math, so "anything was be times have changed.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules

# System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for T<sub>E</sub>X.

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

For long,  $T_{EX}$  was the only affor ting math, so "anything was be times have changed.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules.

# System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for  $T_{E}X$ .

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

For long, T<sub>E</sub>X was the only affor ting math, so "anything was ber times have changed.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules.

# System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for T<sub>E</sub>X.

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\pm \pm$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

For long, T<sub>E</sub>X was the only affor ting math, so "anything was ber times have changed.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules.

# System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for T<sub>E</sub>X.

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

e willing to participate in experirvides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

For long, T<sub>E</sub>X was the only affor ting math, so "anything was ber times have changed.

# Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules.

# System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for T<sub>E</sub>X.

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

For long, T<sub>E</sub>X was the only affor ting math, so "anything was ber times have changed.

### Author Demands

Authors take part in the preparation of the final products. Not seldom, they produce most of the product.

In order to have some control, publishers can provide the ict rules.

### System Characteristics

T<sub>E</sub>X is a batch processor as well as a language. Installation has become more easy, but the whole has become messy.

This is okay of you separate authoring and typesetting and when the design is highly structured and <u>editors</u> have integrated support for T<sub>E</sub>X.

If you want fancy designs, this only pays off if you produce more than one document, or when documents change a lot. Not everyone is a hobbyist, although T<sub>E</sub>X users can produce <u>good</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. department is used, even not so

#### ıands

o used by non-profit organizations, ose who are on their own, and those ıtrol (like science students).

cess to the whole bag of tricks, in vay (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In T<sub>E</sub>X we can used mix those approaches.

Since such formats pose strong limitations, for T<sub>E</sub>X life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect T<sub>E</sub>X is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. ls

preparation of the final products. ice most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_{EX}$  we can used mix those approaches.

Since such formats pose strong limitations, for T<sub>E</sub>X life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect T<sub>E</sub>X is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. ls

preparation of the final products. ce most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_{EX}$  we can used mix those approaches.

Since such formats pose strong limitations, for  $T_{\underline{F}}X$  life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect T<sub>E</sub>X is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. ls

preparation of the final products. we most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_{EX}$  we can used mix those approaches.

Since such formats pose strong limitations, for  $T_{\underline{F}}X$  life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect T<sub>E</sub>X is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>.

#### ls

preparation of the final products. we most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_EX$  we can used mix those approaches.

Since such formats pose strong limitations, for  $T_{\underline{F}}X$  life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect  $T_{\underline{F}}X$  is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>.

#### ls

preparation of the final products. we most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_EX$  we can used mix those approaches.

Since such formats pose strong limitations, for  $T_{\underline{F}}X$  life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect  $T_{EX}$  is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better PR, XML and related tools gain much more attention than T<sub>E</sub>X, and we can <u>learn</u> from <u>that</u>.

'*IEX users can proauce <u>gooa</u> output when given proper means.* 

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>. ls

preparation of the final products. we most of the product.

ontrol, publishers can provide the ct rules.

lepartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

With the advance of highly structured formats, like XML, more verbose code gains attentions. In  $T_EX$  we can used mix those approaches.

Since such formats pose strong limitations, for  $T_{\underline{F}}X$  life has become easier.

A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.

If we want original products, we still need flexible systems. In this respect  $T_{EX}$  is still a good choice.

In many cases, flexibility and/or original solutions come not out-of-the-box (yet).

Due to far better  $PR_{e}XML$  and related tools gain much more attention than  $T_{E}X$ , and we can <u>learn</u> from <u>that</u>.

"<u>E</u>X users can proauce <u>gooa</u> output when given proper means.

For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise.  $\underline{\star} \underline{\star}$ 

Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right way. Exploiting this is not <u>trivial</u>.

#### ls

preparation of the final products. we most of the product.

ontrol, publishers can provide the ct rules.

epartment is used, even not so

#### ands

used by non-profit organizations, se who are on their own, and those trol (like science students).

ess to the whole bag of tricks, in 1y (and in T<sub>E</sub>X even using fonts is

willing to participate in experiwides an ideal playground for new

t tricks can endanger a stable sysiis T<sub>E</sub>X is not different from other

Turning Tides	ls
With the advance of highly structured formats, like $XML$ , more verbose code gains attentions. In $T_{EX}$ we can used mix those approaches. Since such formats pose strong limitations, for $T_{EX}$ life has become easier.	preparation of the final products. the most of the product. ontrol, publishers can provide the ct rules. lepartment is used, even not so
A pitfall is that the problems (i.e. automated processing) have hardly changed, at least not for high-end products.	ands
If we wan systems. In <i>TEX</i> in 200 In many cas not out-of-t Due to far bener 12022012 und return 10005 guilt much	nts). Cated. of tricks, in
more attention than T <sub>E</sub> X, and we can <u>learn</u> from <u>that</u> . <sup>1</sup> I <sub>E</sub> X users can proauce <u>gooa</u> output when given proper means.	e willing to participate in experi- vvides an ideal playground for new
For most users, batch processing is a strange thing but this may change with faster systems. Mixed DTP and batch concepts will arise. $\pm \pm$	t tricks can endanger a stable sys- iis T <sub>E</sub> X is not different from other
Whatever you do, if you want to reuse your information, you must have a bit of feeling for coding in the right	i <u>ckery</u> we can try to tap the <u>power</u>

as much as possible.